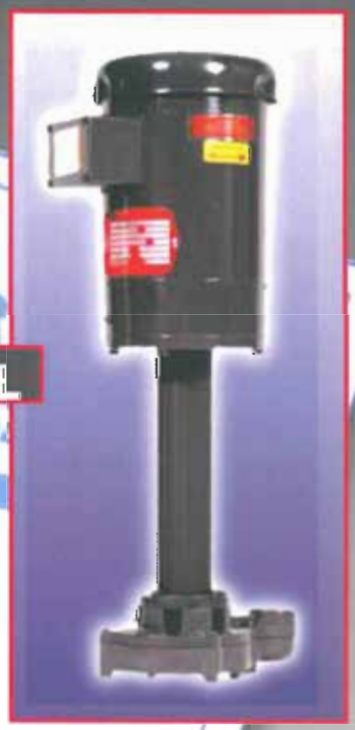
Industrial Coolant Pumps and Accessories

GUSHER PUMPS
A RUTHMAN COMPANY
www.gusher.com



Ruthman
Flange Mount



UD-L
Below Plate



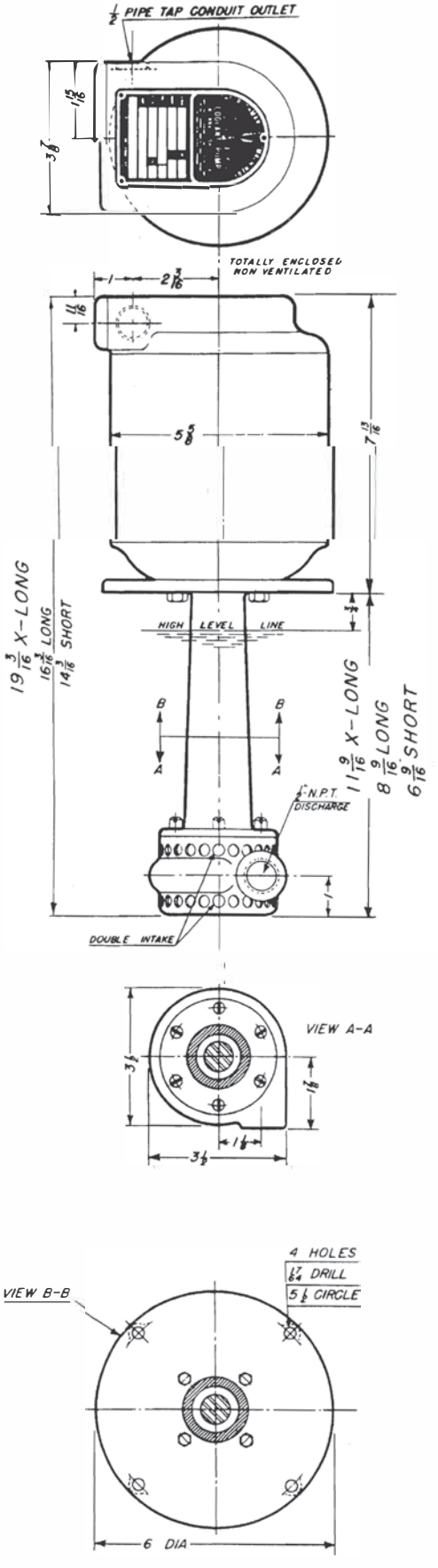
6P-3
Above Plate

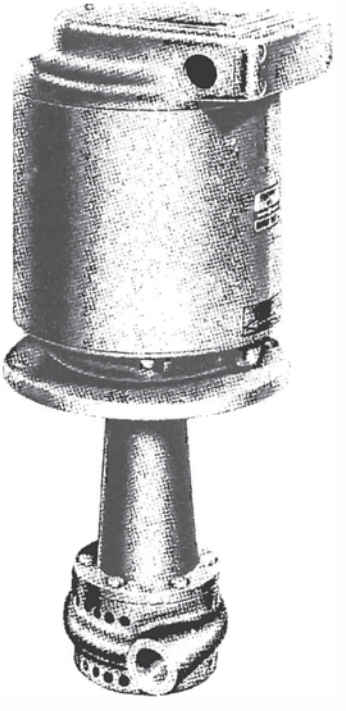
RUTHMAN COMPANIES

GUSHER®

MODEL 1-P3

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP





WHEN ORDERING SPECIFY

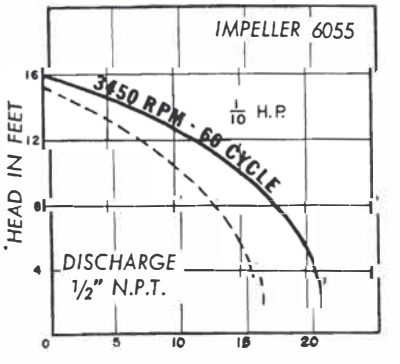
- Model 1-P3 X-Long, Long or Short
- Motor Horse Power and Current Characteristics

Other current characteristics available.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles.

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

H.P.	VOLTS	PHASE	CYCLE	R.P.M.
1/10	230/460	3 Ph.	60	3450
1/10	115/230	or 1 Ph.	60	3450



GALLONS PER MINUTE

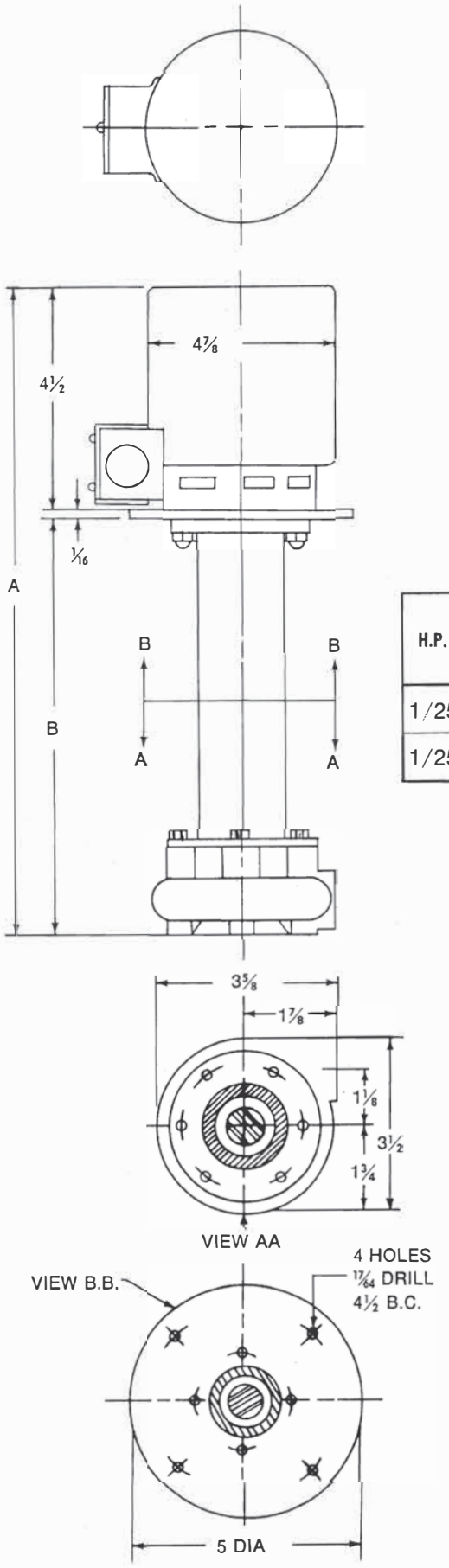
Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

Broken Line - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

Equipped with integral mounting flange.



MODEL GUSHER® 1-P3 MINI

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

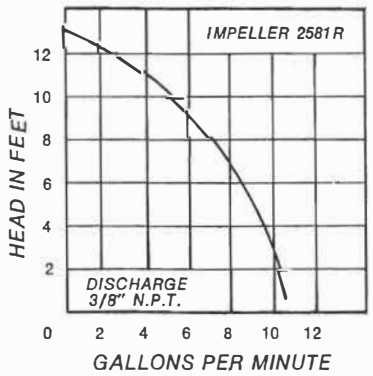
- **Model 1-P3 MINI**
- **Motor Horse Power and Current Characteristics**

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

DIMENSIONS IN INCHES

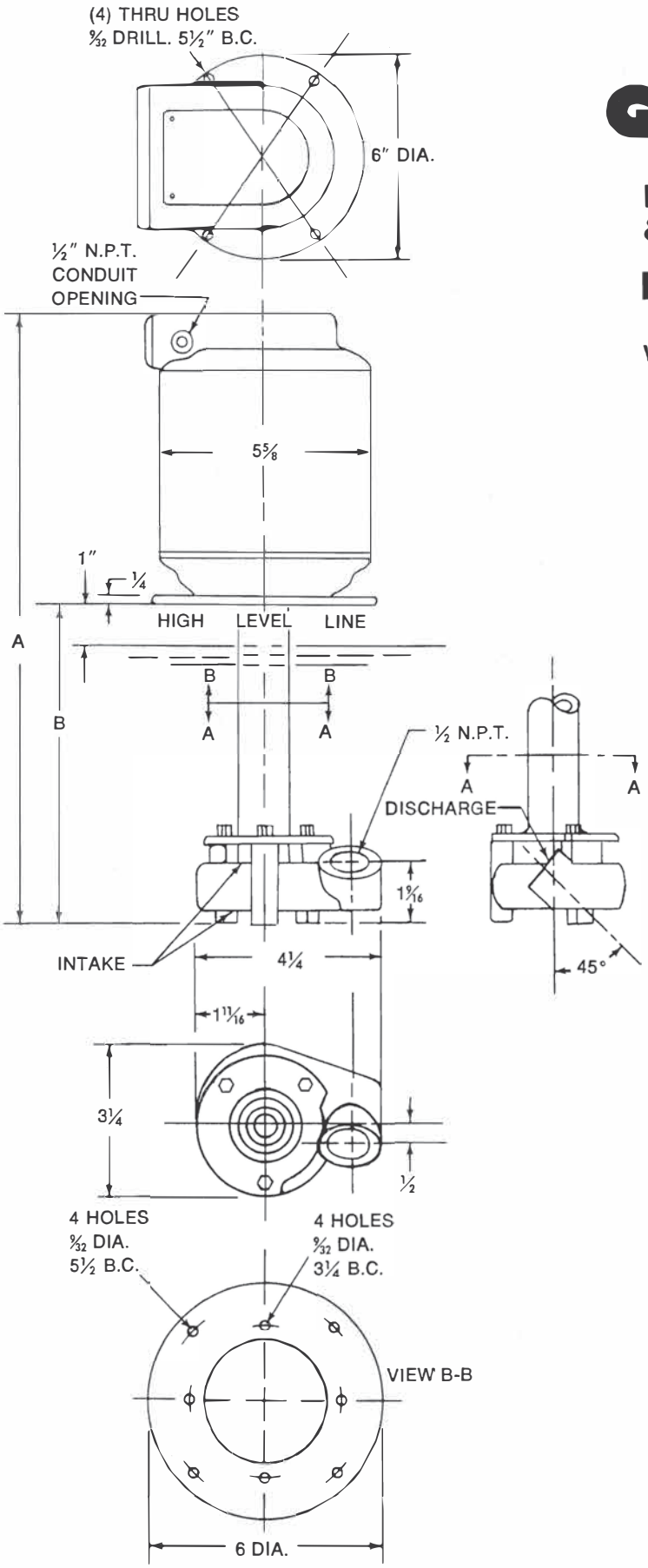
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	A			B		
					X-LONG	LONG	SHORT	X-LONG	LONG	SHORT
1/25	115	1	60	3000	14⁹⁄₁₆	13⁵⁄₁₆	11⁵⁄₁₆	10	8¾	6¾
1/25	230	1	60	3000	14⁹⁄₁₆	13⁵⁄₁₆	11⁵⁄₁₆	10	8¾	6¾

3000 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.



EQUIPPED WITH INTEGRAL MOUNTING FLANGE

GUSHER®

MODEL 145½—.166 AND 145½+4.166

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

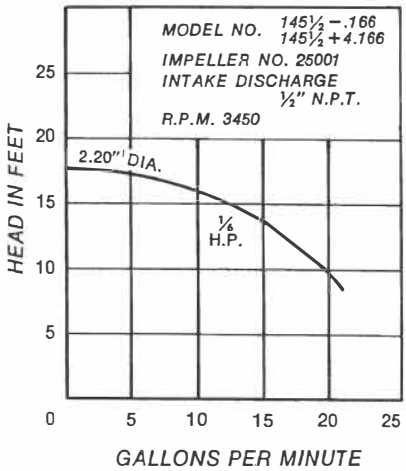
- **Model 145½—.166 or 145½+4.166**
- **Motor Horse Power and Current Characteristics**

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

Dimensions in inches

MODEL	A	B	H.P.	R.P.M.
145½—.166	17⅝	10½	⅙	3450
145½+4.166	21⅝	14½	⅙	3450

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME
⅙	230/460	3	60	3450	48 TENV.
⅙	115/230	1	60	3450	



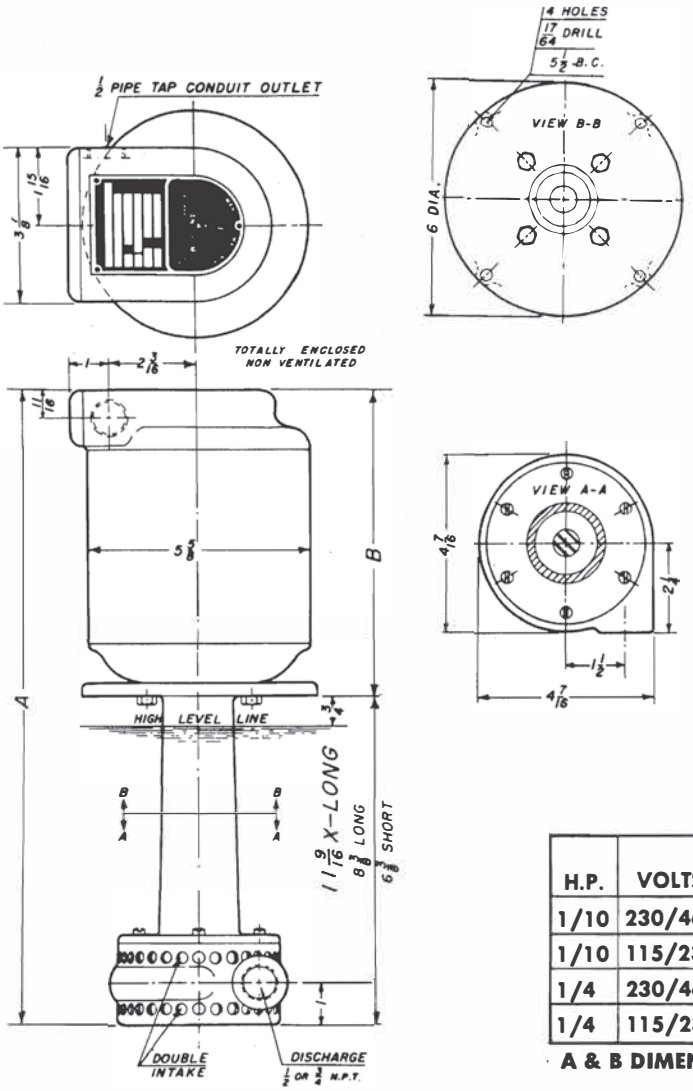
Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

GUSHER®

MODEL 9025

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model 9025 X-Long, Long or Short
- Size of Discharge Pipe ½" or ¾"
- Impeller 6081 or 6081-A
- Motor Horse Power and Current Characteristics

Supplied With Plastic Impeller Standard.
Cast Iron Available Upon Request.
Other current characteristics available.

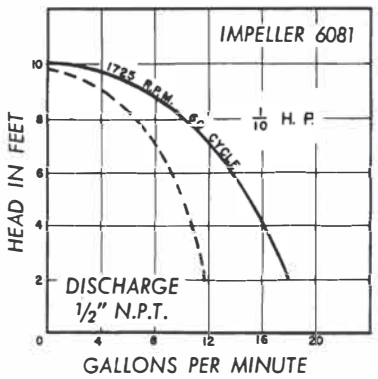
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles.

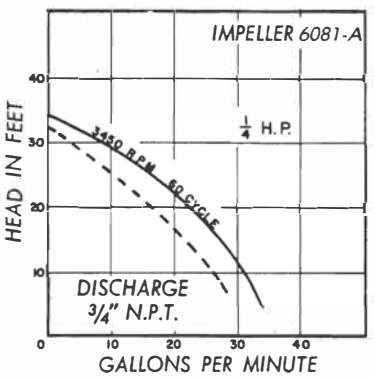
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/10	230/460	3	60	1725	48 TENV	18 11/16	15½	13½	7⅛
1/10	115/230	1	60	1725					
1/4	230/460	3	60	3450		18 11/16	15½	13½	7⅛
1/4	115/230	1	60	3450		18 11/16	15½	13½	7⅛

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

Equipped with integral mounting flange.

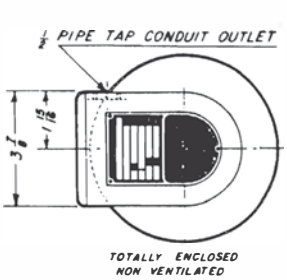


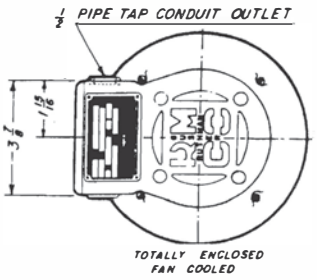


HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE.

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

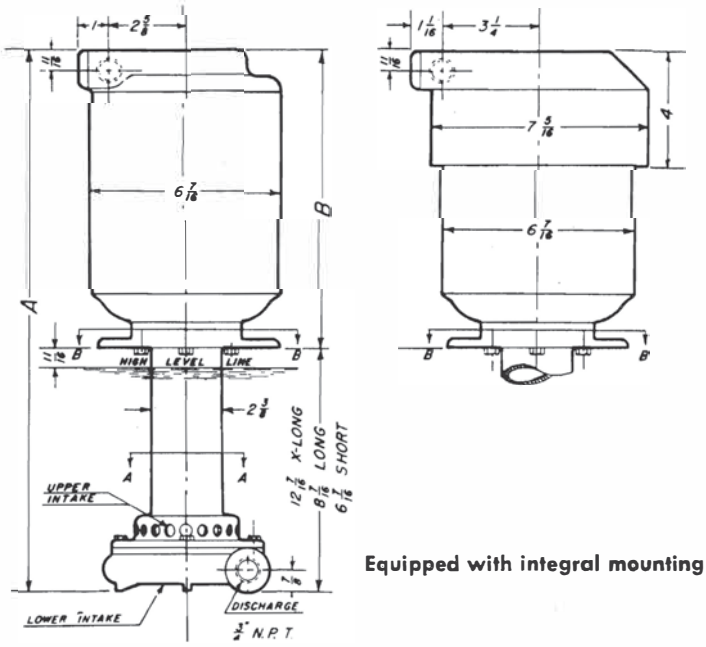




GUSHER®

MODEL **9040**

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



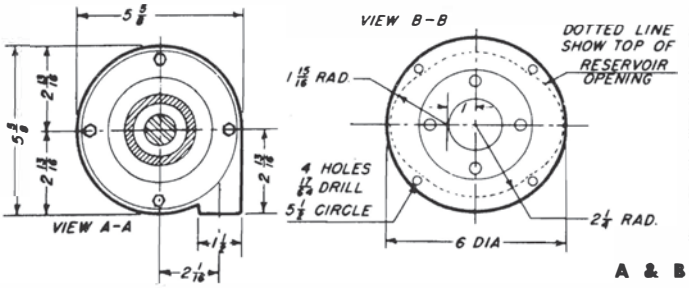
WHEN ORDERING SPECIFY

- Model 9040 X-Long, Long or Short
- Size of Discharge Pipe 1/2" or 3/4"
- Impeller 6061, 6061-CL or 6061-DL
- Motor Horse Power and Current Characteristics
  Supplied With Plastic Impeller Standard.
  Cast Iron Available Upon Request.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles.

Other current characteristics available.

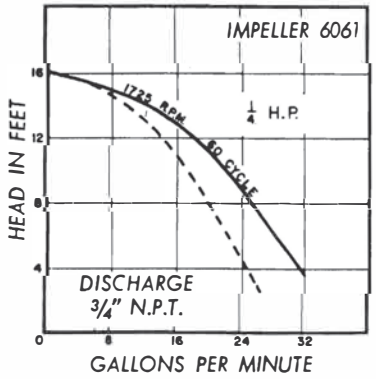
Equipped with integral mounting flange.

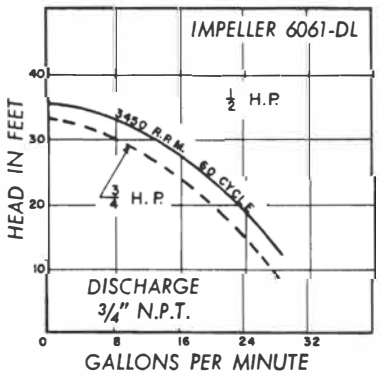


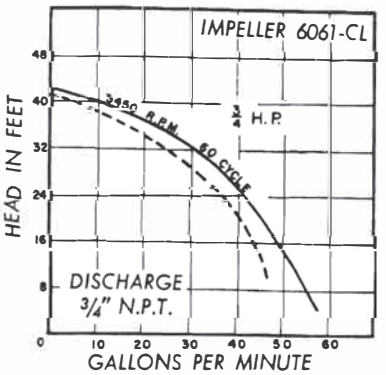
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	22	18 1/16	16 1/16	9 9/16
1/4	115/230	1	60	1725		20 3/8	16 3/8	14 3/8	7 15/16
1/2	230/460	3	60	3450		22 15/16	18 15/16	16 15/16	10 1/2
1/2	115/230	1	60	3450		23 9/16	19 9/16	17 9/16	11 1/8
3/4	230/460	3	60	3450	56 TEFC	22 1/2	18 1/2	16 1/2	10 1/16
3/4	115/230	1	60	3450		23 9/16	19 9/16	17 9/16	11 1/8

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE.

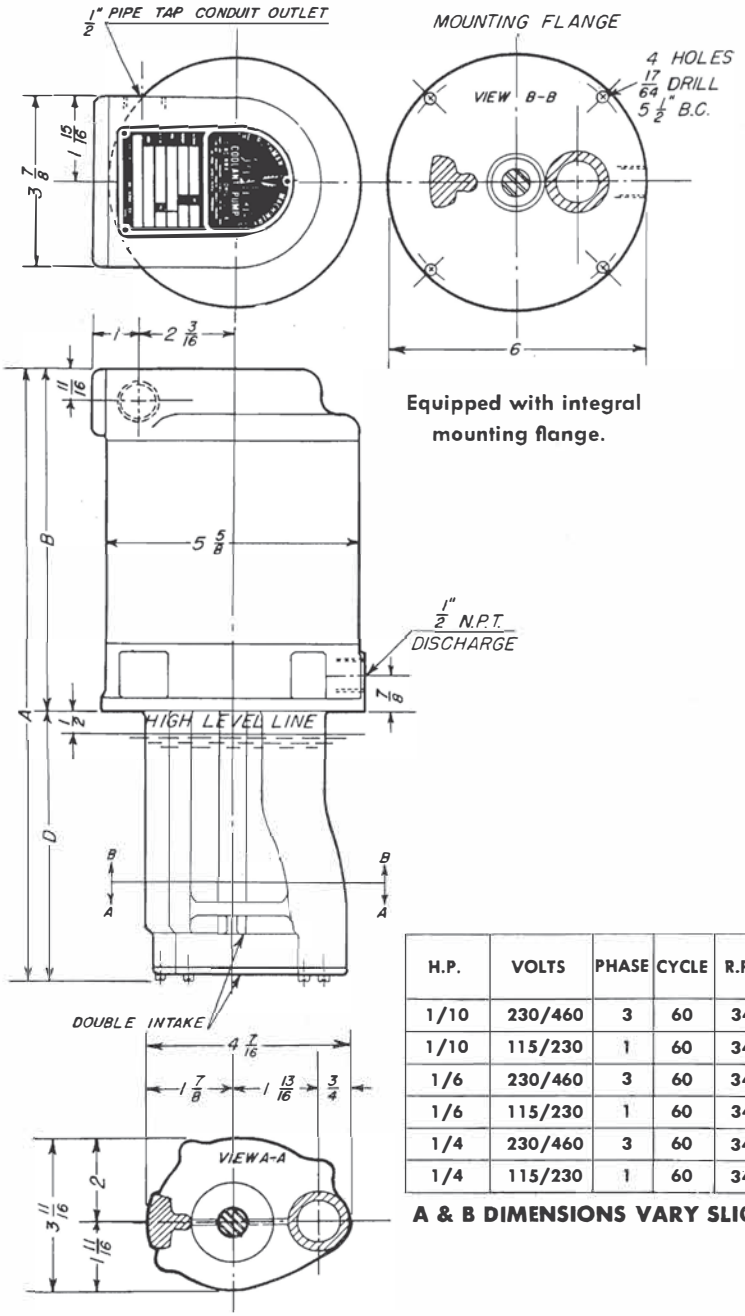
SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 6-P3

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



Equipped with integral mounting flange.

WHEN ORDERING SPECIFY

- Model 6-P3 X-Long, Long or Short
- Impeller 6055, 6081-A or 6183
- Motor Horse Power and Current Characteristics

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

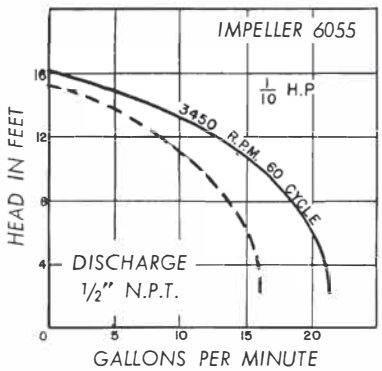
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

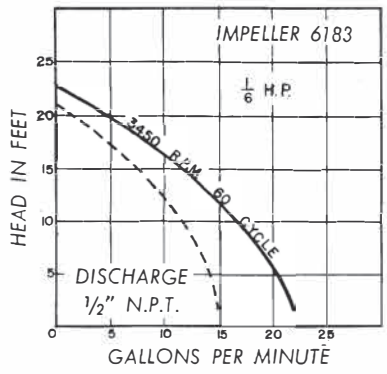
Other current characteristics available.

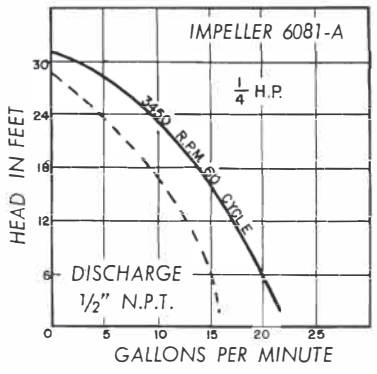
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	D		
						X-LONG	LONG	SHORT		X-LONG	LONG	SHORT
1/10	230/460	3	60	3450	48 TENV	20⅝	16⅛	15	8⅝	12	7½	6⅜
1/10	115/230	1	60	3450		20⅝	16⅛	15	8⅝	12	7½	6⅜
1/6	230/460	3	60	3450		20⅝	16⅛	15	8⅝	12	7½	6⅜
1/6	115/230	1	60	3450		20⅝	16⅛	15	8⅝	12	7½	6⅜
1/4	230/460	3	60	3450		20⅝	16⅛	15	8⅝	12	7½	6⅜
1/4	115/230	1	60	3450		20⅝	16⅛	15	8⅝	12	7½	6⅜

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



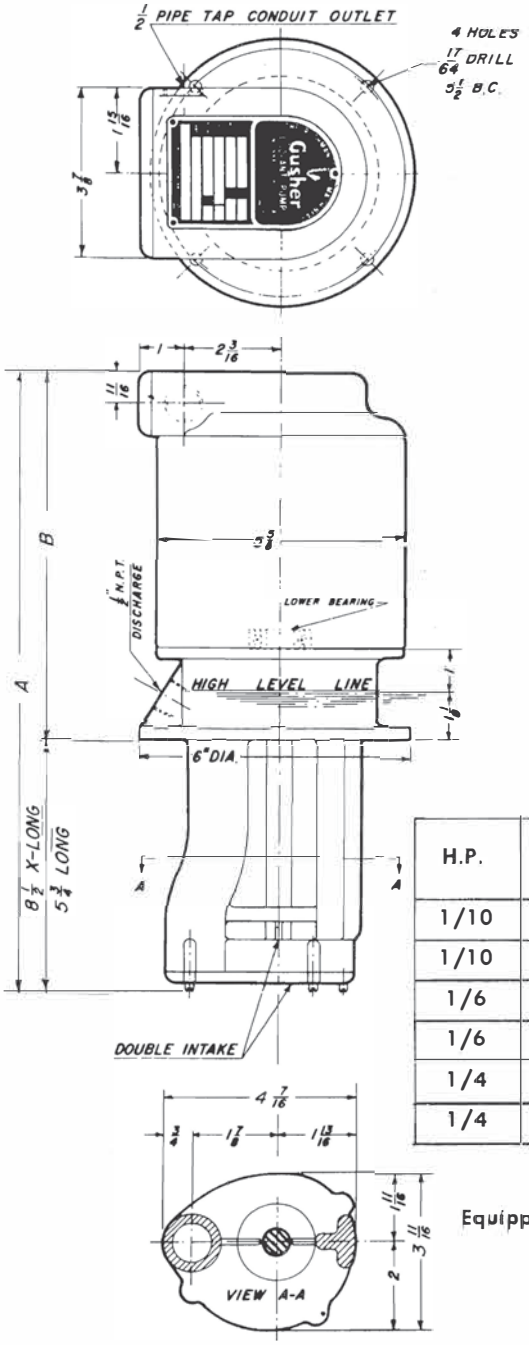




HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.



MODEL

GUSHER® 8-P3

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model 8-P3 X-Long or Long
- Impeller 6055, 6081-A or 6183
- Motor Horse Power and Current Characteristics
  Supplied With Plastic Impeller Standard.
  Cast Iron Available Upon Request.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

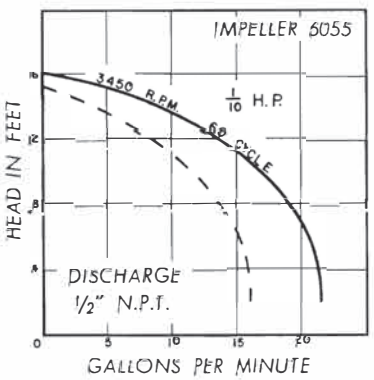
Other current characteristics available.

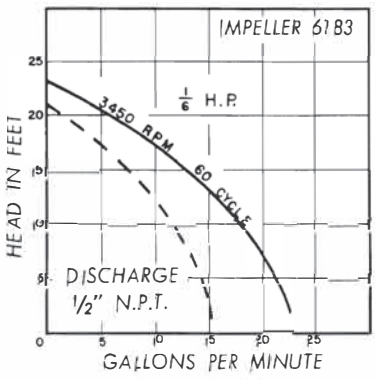
DIMENSIONS IN INCHES

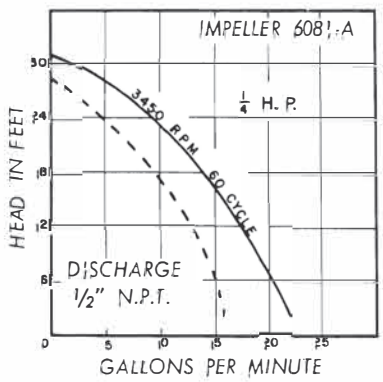
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B
						X-LONG	LONG	
1/10	230/460	3	60	3450	48 TENV	17 1/8	14 3/8	8 5/8
1/10	115/230	1	60	3450		17 1/8	14 3/8	8 5/8
1/6	230/460	3	60	3450		17 1/8	14 3/8	8 5/8
1/6	115/230	1	60	3450		17 1/8	14 3/8	8 5/8
1/4	230/460	3	60	3450		17 1/8	14 3/8	8 5/8
1/4	115/230	1	60	3450		17 1/8	14 3/8	8 5/8

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

Equipped with integral mounting flange.







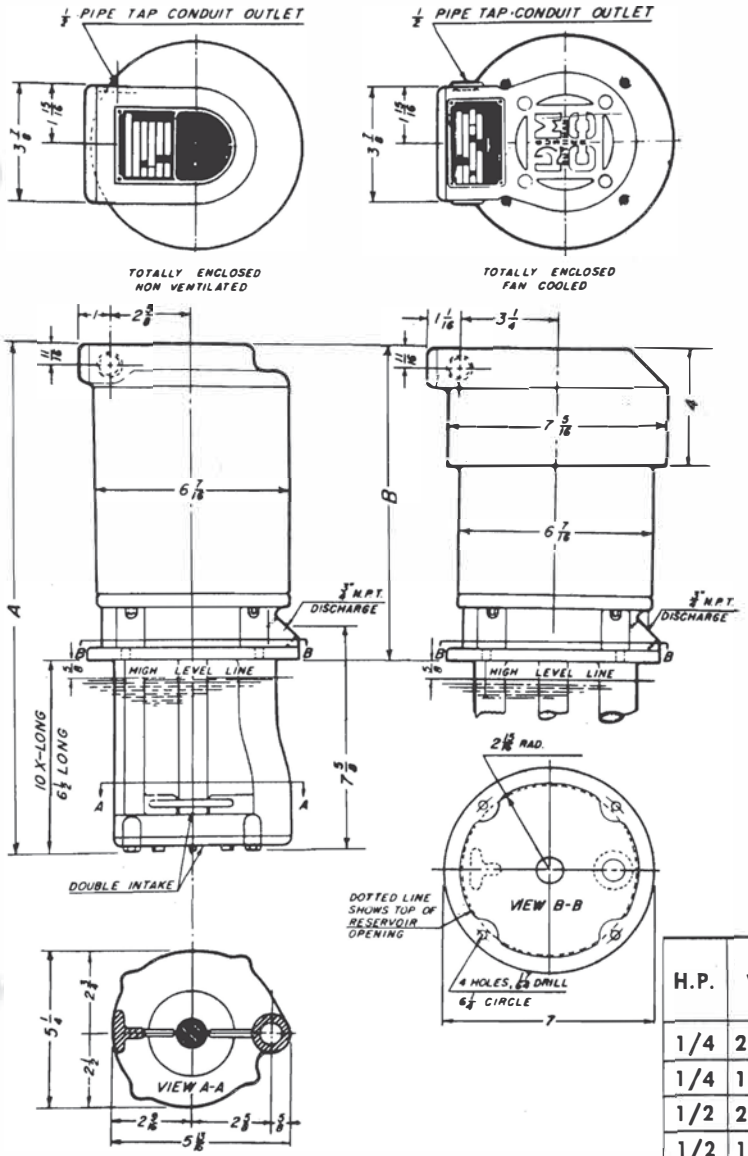
HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

GUSHER® MODEL 9050

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



Equipped with integral mounting flange.

WHEN ORDERING SPECIFY

- Model 9050 X-Long or Long
- Impeller 6061, 6061-DL, or 6061-CL
- Motor Horse Power and Current Characteristics

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

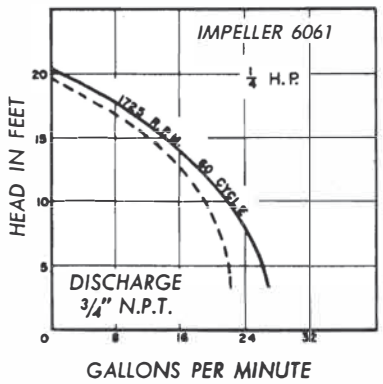
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles.

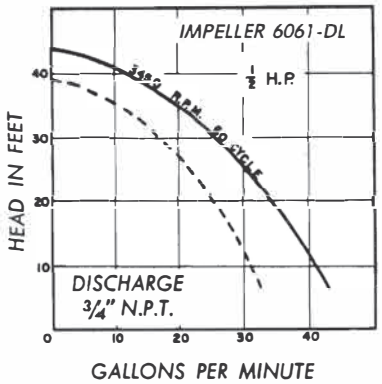
Other current characteristics available.

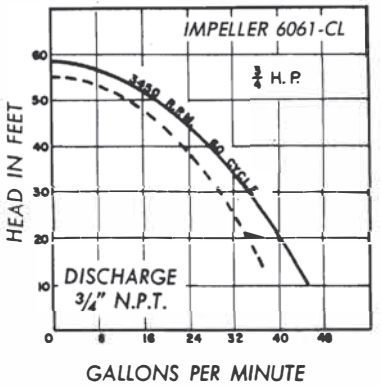
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B
						X-LONG	LONG	
1/4	230/460	3	60	1725	56 TENV	20½	17	10½
1/4	115/230	1	60	1725		18⅞	15⅜	8⅞
1/2	230/460	3	60	3450		21 1/16	17 9/16	11 1/16
1/2	115/230	1	60	3450		22 1/16	18 9/16	12 1/16
3/4	230/460	3	60	3450	56 TEFC	21	17½	11
3/4	115/230	1	60	3450		22 1/16	18 9/16	12 1/16

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



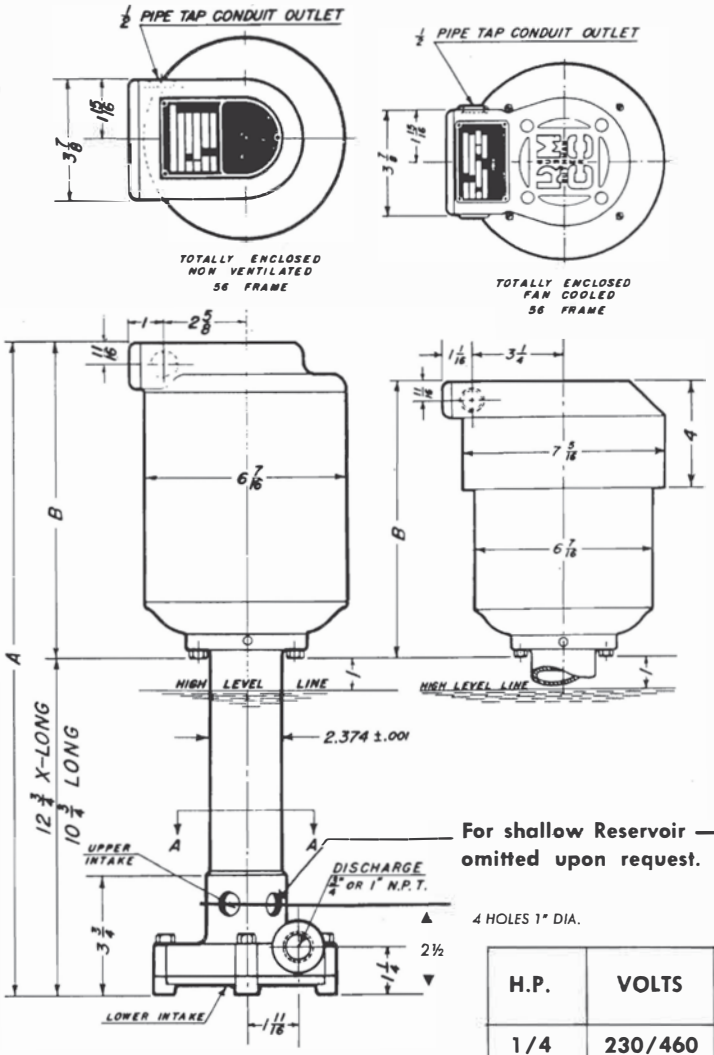




HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE.

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.



MODEL

GUSHER® YL

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model YL X-Long or Long
- Impeller 2167-CN, 2217-S or 3500
- Size of Discharge ¾" or 1"
- Motor Horse Power and Current Characteristics

Other current characteristics available.

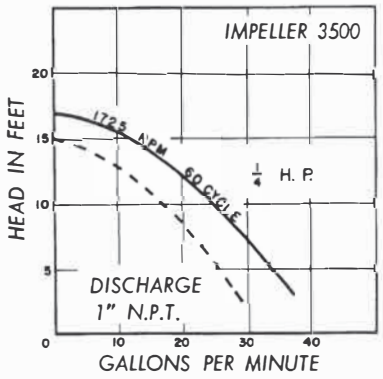
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

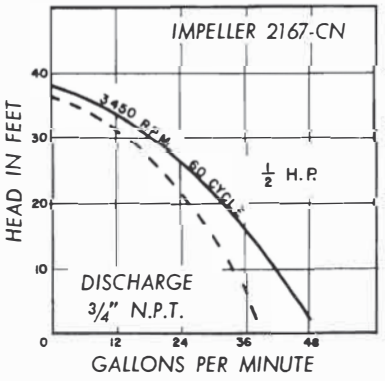
For shallow Reservoir — upper intake holes are omitted upon request. Write for Performance.

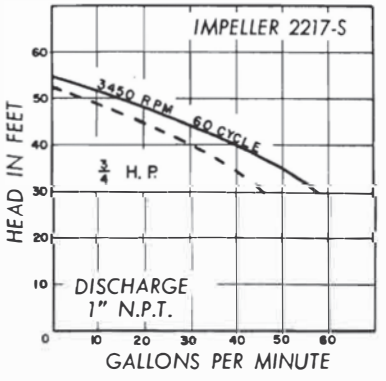
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B
						X-LONG	LONG	
1/4	230/460	3	60	1725	56	22⅛	20⅛	9⅜
1/4	115/230	1	60	1725		20½	18½	7¾
1/2	230/460	3	60	3450		22 11/16	20 11/16	9 15/16
1/2	115/230	1	60	3450	TENV	24 7/16	22 7/16	11 11/16
3/4	230/460	3	60	3450	56 TEFC	22⅝	20⅝	9⅞
3/4	115/230	1	60	3450		24 7/16	22 7/16	11 11/16

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



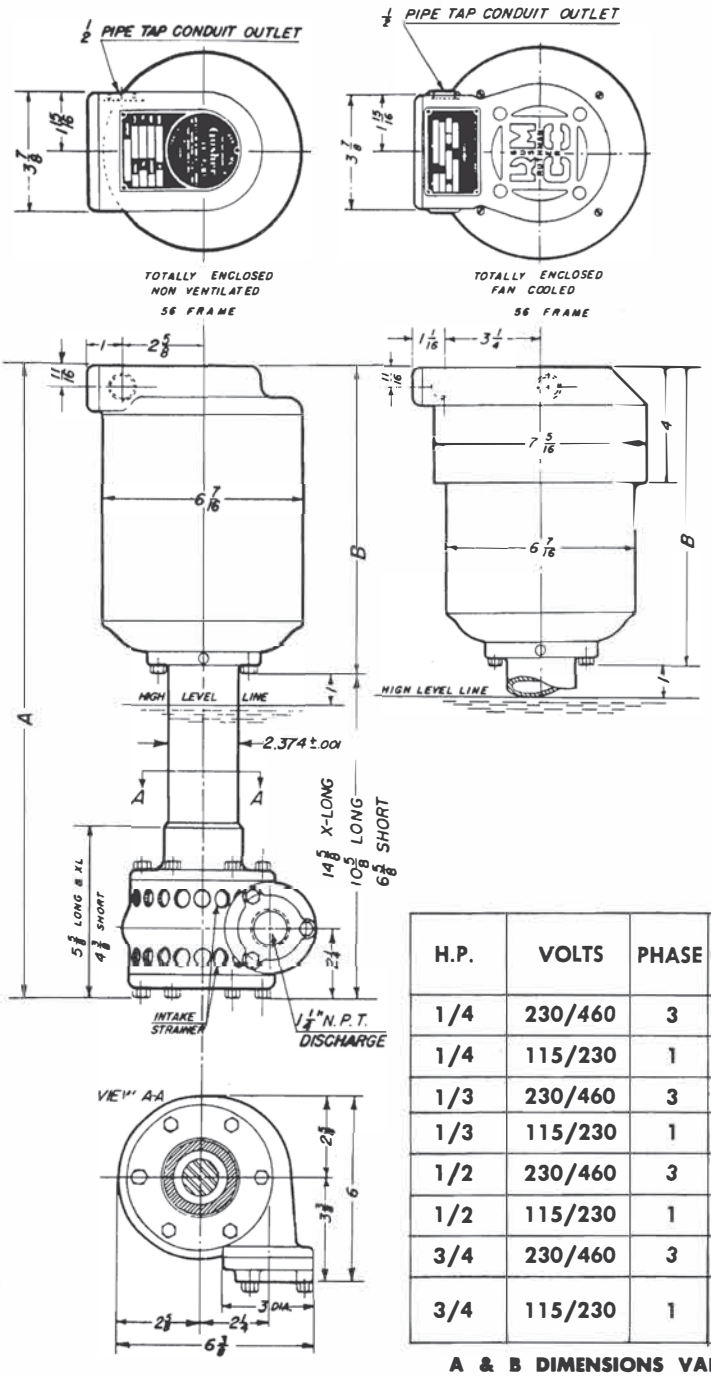




HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.



MODEL

GUSHER® 11021

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model 11021 X-Long, Long or Short
- Impeller 2171, 2281-B or 2281-C
- Motor Horse Power and Current Characteristics

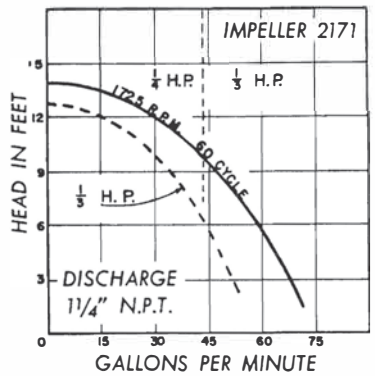
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

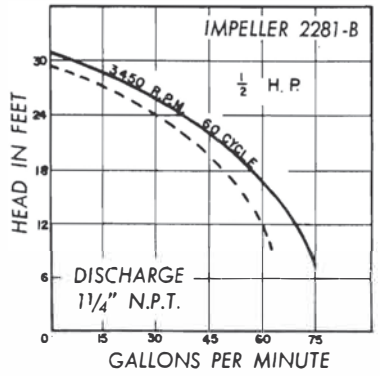
Other current characteristics available.

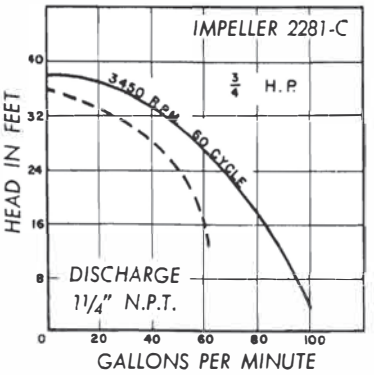
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	24	20	16	9 3/8
1/4	115/230	1	60	1725		22 3/8	20 3/8	14 3/8	7 3/4
1/3	230/460	3	60	1725		24	20	16	9 3/8
1/3	115/230	1	60	1725		25 3/8	21 3/8	17 3/8	10 3/4
1/2	230/460	3	60	3450		24 9/16	20 9/16	16 9/16	9 15/16
1/2	115/230	1	60	3450		26 5/16	22 5/16	18 5/16	11 11/16
3/4	230/460	3	60	3450	56 TEFC	24 1/2	20 1/2	16 1/2	9 7/8
3/4	115/230	1	60	3450		26 5/16	22 5/16	18 5/16	11 11/16

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



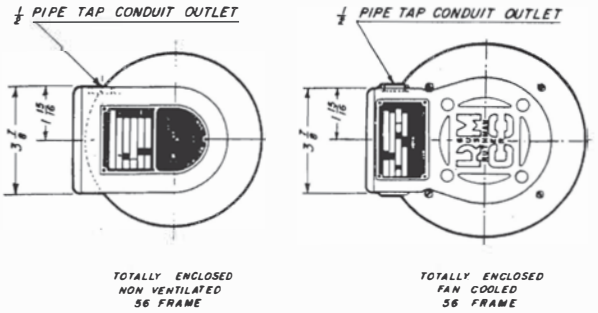




HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

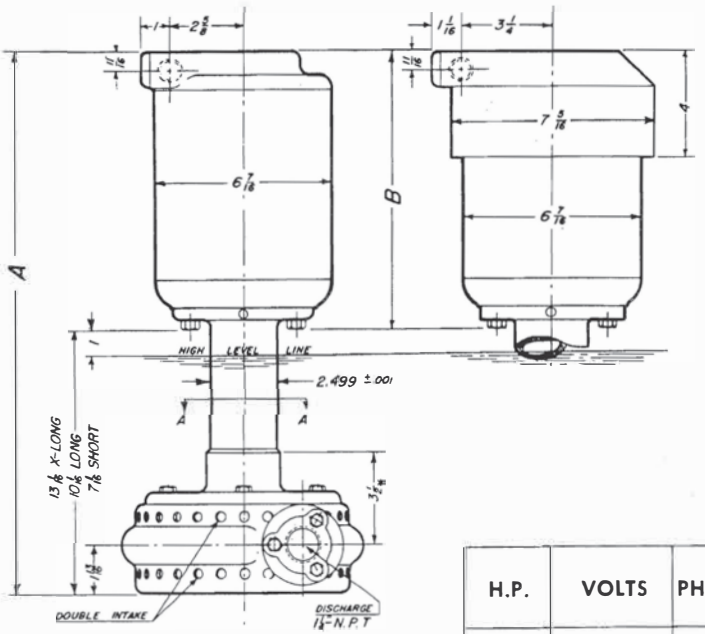
For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

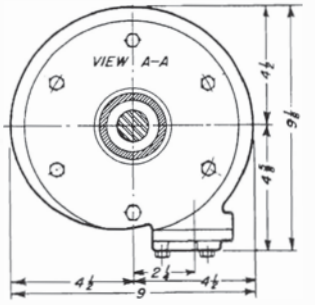


MODEL

GUSHER® 11029

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP





WHEN ORDERING SPECIFY

- Model 11029 X-Long, Long or Short
- Impeller 2292-ETN, 2292-J or 2681-B
- Motor Horse Power & Current Characteristics

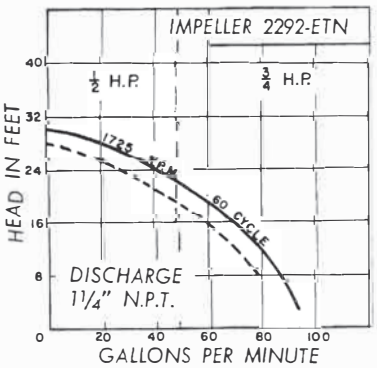
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

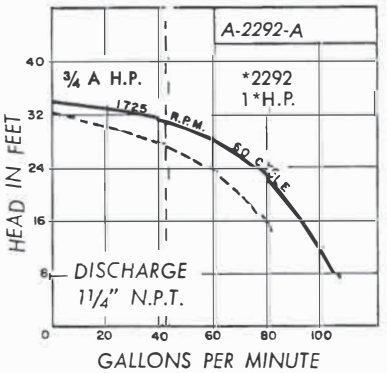
Other current characteristics available.

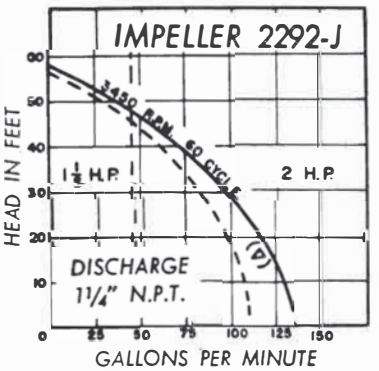
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/2	230/460	3	60	1725	56 TENV	22 15/16	19 15/16	16 15/16	9 7/8
1/2	115/230	1	60	1725	56 TEFC	23 13/16	20 13/16	17 13/16	10 3/4
3/4	230/460	3	60	1725	56 TENV	23 13/16	20 13/16	17 13/16	10 3/4
3/4	115/230	1	60	1725	56 TEFC	23 3/8	20 3/8	17 3/8	10 5/16
1	230/460	3	60	1725		24 7/16	21 7/16	18 7/16	11 3/8
1½	230/460	3	60	3450		24 7/16	21 7/16	18 7/16	11 3/8
2	230/460	3	60	3450		25 7/16	22 7/16	19 7/16	12 3/8

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

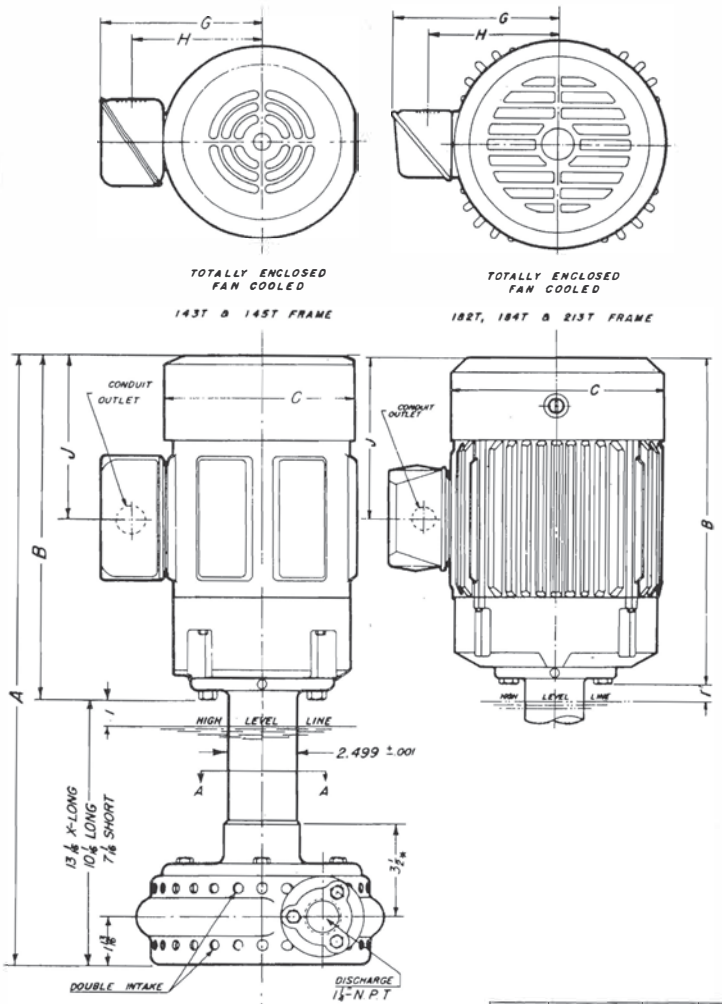
SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 11029

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model 11029 or 11029-BB, X-Long, Long or Short
- Impeller 2292, 2292-C, 2292-G, 2292-H, 2292-J, 2041-S or 2041-T
- Motor Horse Power & Current Characteristics

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

Other current characteristics available.

If 60 cycle performance is desired for 50 cycle operation specify impeller (∇) 2292-G; Motor must be wound specifically for 50 cycle.

If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2292-C; Motor must be wound specifically for 50 cycle.

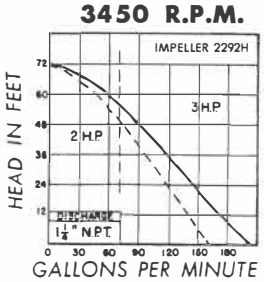
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	145T TEFC	24 7/16	21 7/16	18 7/16	11 3/8	7 5/16	5¾	4 5/16	6¼
1½	230/460	3	60	3450		24 7/16	21 7/16	18 7/16	11 3/8	7 5/16	5¾	4 5/16	6¼
2	230/460	3	60	3450	145T TEFC	25 7/16	22 7/16	19 7/16	12 3/8	7 5/16	5¾	4 5/16	6¼
3	230/460	3	60	3450	145T TEFC	26 5/16	23 5/16	20 5/16	13¼	7 5/16	5¾	4 5/16	6¼
5	230/460	3	60	3450	145T TEFC	27 9/16	24 9/16	21 9/16	14½	7 5/16	5¾	4 5/16	6¼
7½	230/460	3	60	3450	182T TEFC	29 1/16	26 1/16	23 1/16	16	10 7/8	9⅛	7⅛	8⅛
7½**	230/460	3	60	3450	184T TEFC	29 1/16	26 1/16	23 1/16	16	10 7/8	9⅛	7⅛	8⅛
10**	230/460	3	60	3450	184T TEFC	29 5/16	26 5/16	23 5/16	16¼	10 7/8	9⅛	7⅛	8 7/8
15**	230/460	3	60	3450	215T-C TEFC	30 5/16	27 5/16	24 5/16	17¼	13	10 1/16	8 1/16	10 3/8

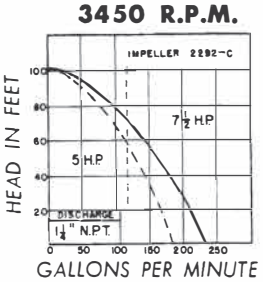
**** MODEL 11029-BB (7½ H.P. IS ALSO FURNISHED AS A STANDARD 11029).**

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

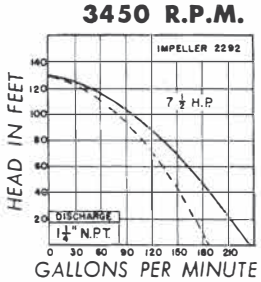
3450 R.P.M.



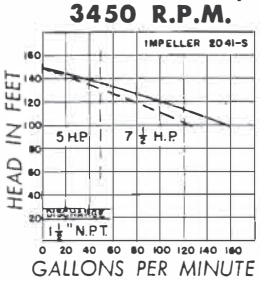
3450 R.P.M.



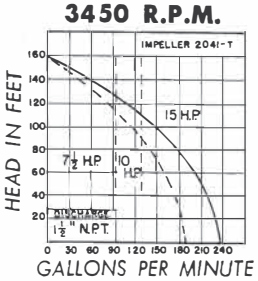
3450 R.P.M.



11029BB — XL only
3450 R.P.M.



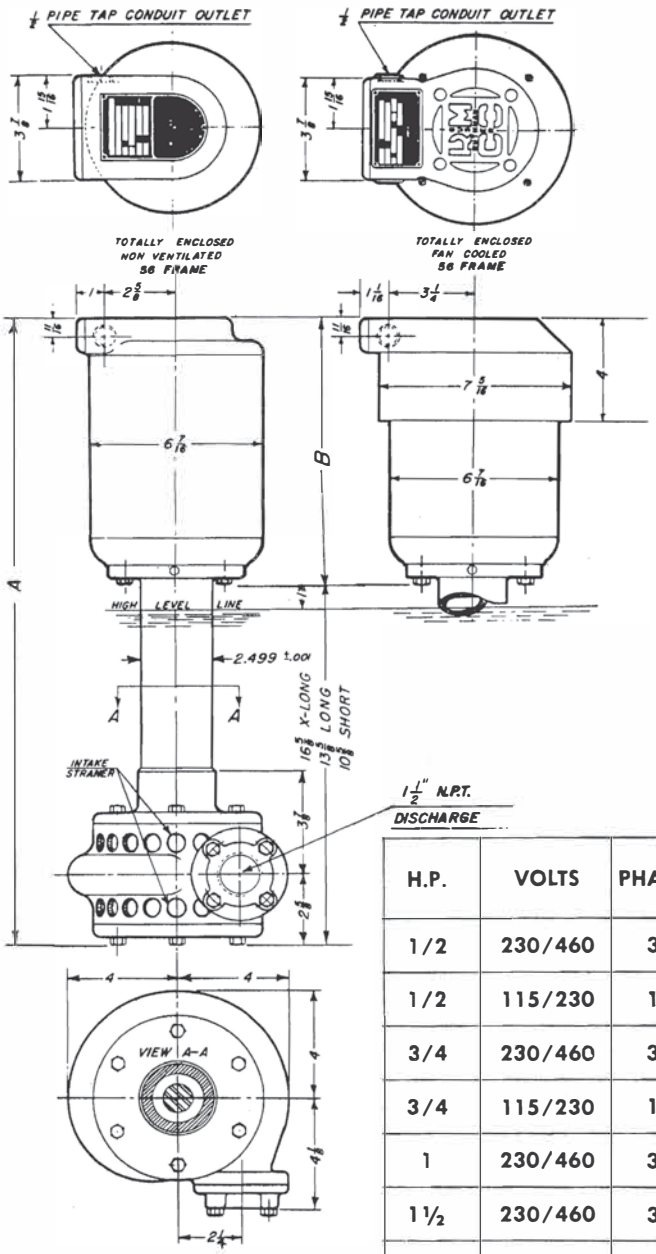
11029BB
3450 R.P.M.



HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.



GUSHER® MODEL 11023-A

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model 11023-A X-Long, Long or Short
- Impeller 2136, 3530-BU or 3533
- Motor Horse Power & Current Characteristics

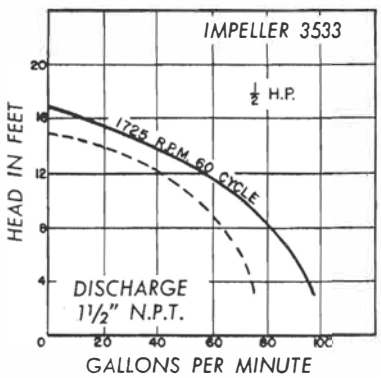
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

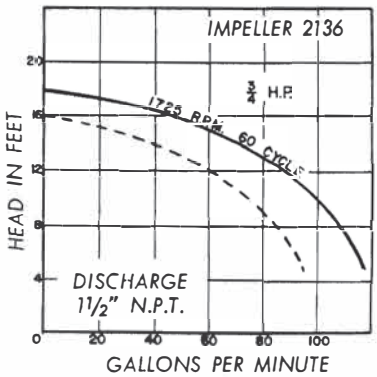
Other current characteristics available.

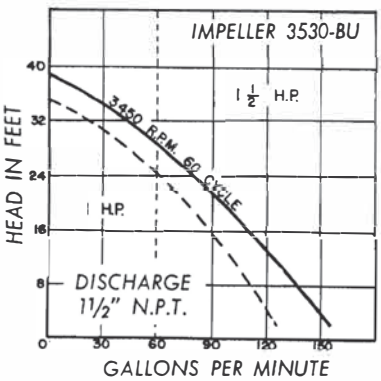
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/2	230/460	3	60	1725	56 TENV	26 1/2	23 1/2	20 1/2	9 7/8
1/2	115/230	1	60	1725	56 TEFC	27 3/8	24 3/8	21 3/8	10 3/4
3/4	230/460	3	60	1725	56 TENV	27 3/8	24 3/8	21 3/8	10 3/4
3/4	115/230	1	60	1725	56 TEFC	26 15/16	23 15/16	20 15/16	10 5/16
1	230/460	3	60	3450		28	25	22	11 3/8
1 1/2	230/460	3	60	3450		28	25	22	11 3/8
2	230/460	3	60	3450		29	26	23	12 3/8

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

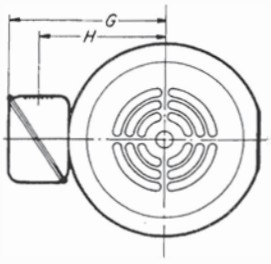
SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

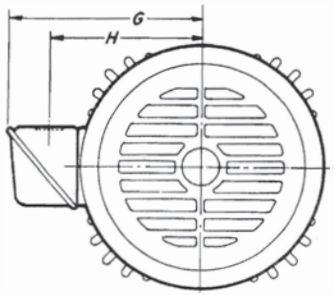
MODEL

GUSHER® 11023-A

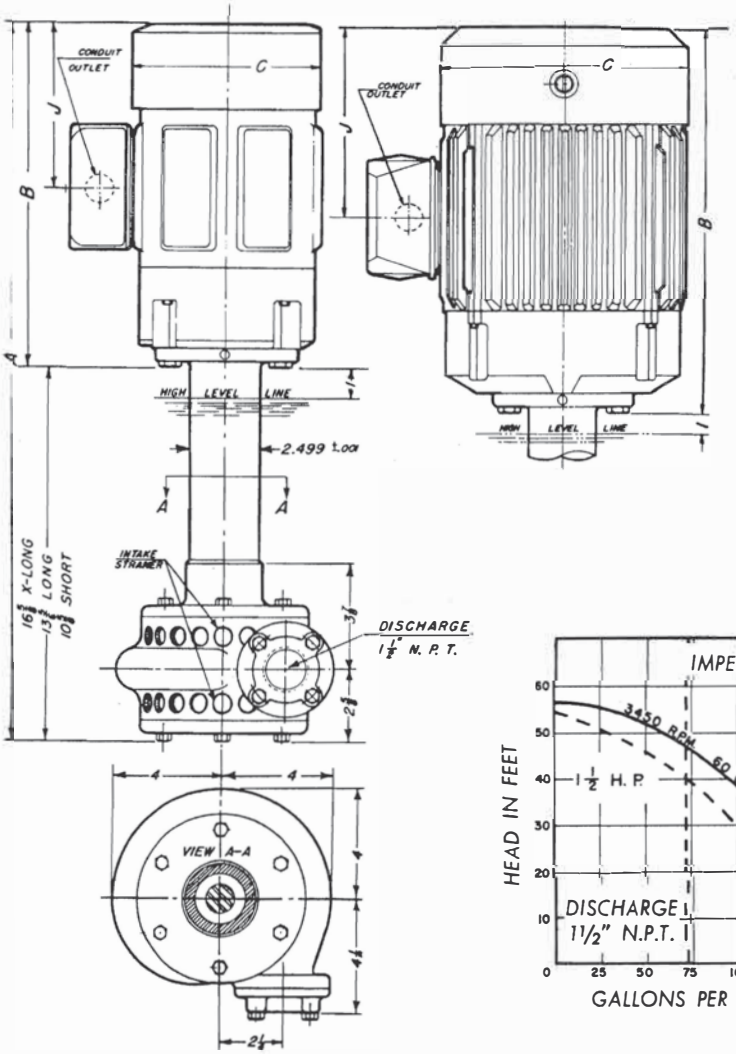
MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



TOTALLY ENCLOSED FAN COOLED
143T & 145T FRAME



TOTALLY ENCLOSED FAN COOLED
182T FRAME

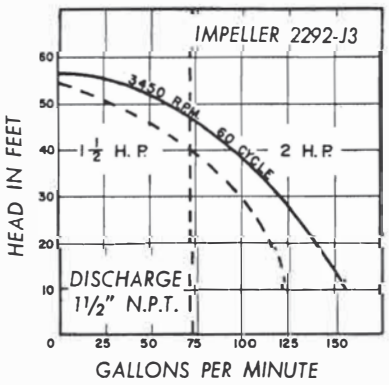


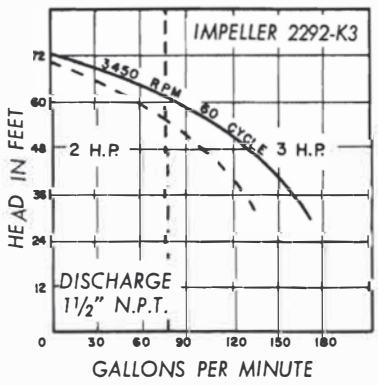
WHEN ORDERING SPECIFY

- Model 11023-A X-Long, Long or Short
- Impeller 2292-K3 or 2292-J3
- Motor Horse Power & Current Characteristics

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

Other current characteristics available.





HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

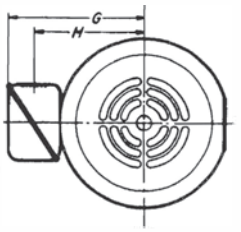
SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

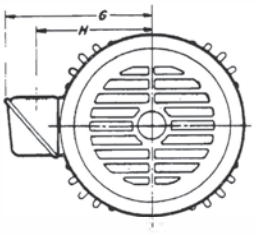
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1½	230/460	3	60	3450	145T TEFC	28	25	22	11⅜	7⅝	5¾	4⅜	6¼
2	230/460	3	60	3450	145T TEFC	29	26	23	12⅜	7⅝	5¾	4⅜	6¼
3	230/460	3	60	3450	145T TEFC	29⅞	26⅞	23⅞	13¼	7⅝	5¾	4⅜	6¼

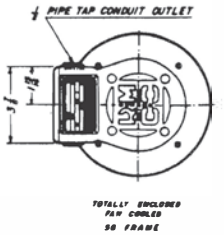
A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



TOTALLY ENCLOSED FAN COOLED



TOTALLY ENCLOSED FAN COOLED



TOTALLY ENCLOSED FAN COOLED 56 FRAME

MODEL GUSHER® 11025

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

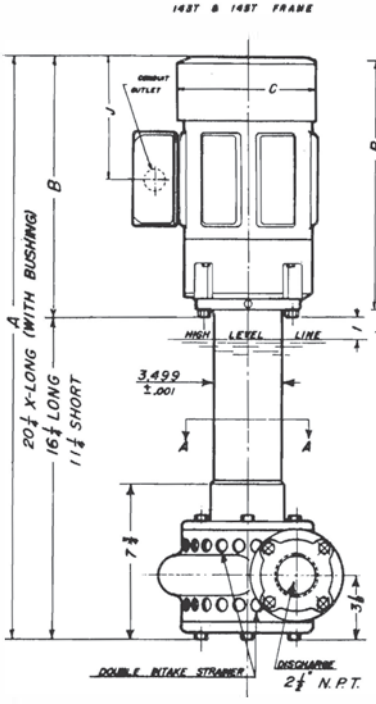
WHEN ORDERING SPECIFY

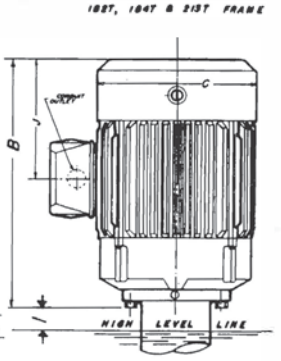
- **Model 11025 X-Long, Long or Short**
- **Impeller 2191, 2191-A, 2191-D or 2191-DVN**
- **Motor Horse Power & Current Characteristics**

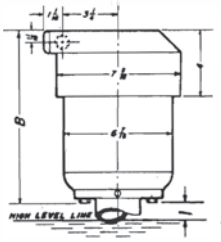
Other current characteristics available.

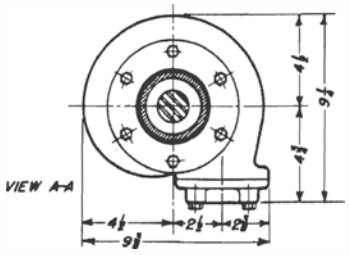
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2191; Motor must be wound specifically for 50 cycle.





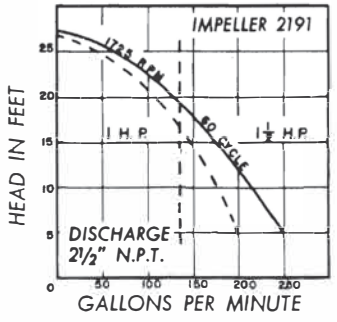


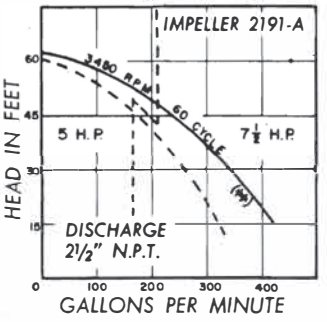


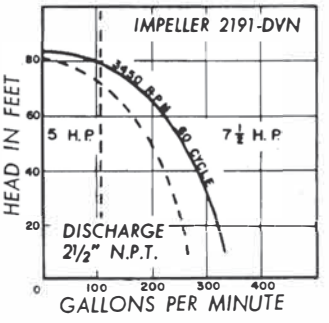
DIMENSIONS IN INCHES

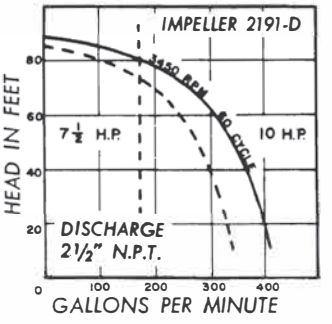
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	56 TEFC	31⅝	27⅝	22⅝	11⅜	-----	-----	-----	-----
1	230/460	3	60	1725	145T TEFC	31⅝	27⅝	22⅝	11⅜	7 5/16	5¾	4 5/16	6¼
1½	230/460	3	60	1725	56 TEFC	31⅝	27⅝	22⅝	11⅜	-----	-----	-----	-----
1½	230/460	3	60	1725	145T TEFC	31⅝	27⅝	22⅝	11⅜	7 5/16	5¾	4 5/16	6¼
3	230/460	3	60	3450	145T TEFC	33½	29½	24½	13¼	7 5/16	5¾	4 5/16	6¼
5	230/460	3	60	3450	145T TEFC	34¾	30¾	25¾	14½	7 5/16	5¾	4 5/16	6¼
7½	230/460	3	60	3450	213T TEFC	36¼	32¼	27¼	16	10⅞	9⅛	7⅛	8⅛
10	230/460	3	60	3450	215T TEFC	36½	32½	27½	16¼	10⅞	9⅛	7⅛	8⅞

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS









HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

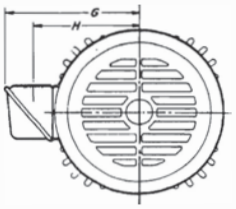
SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

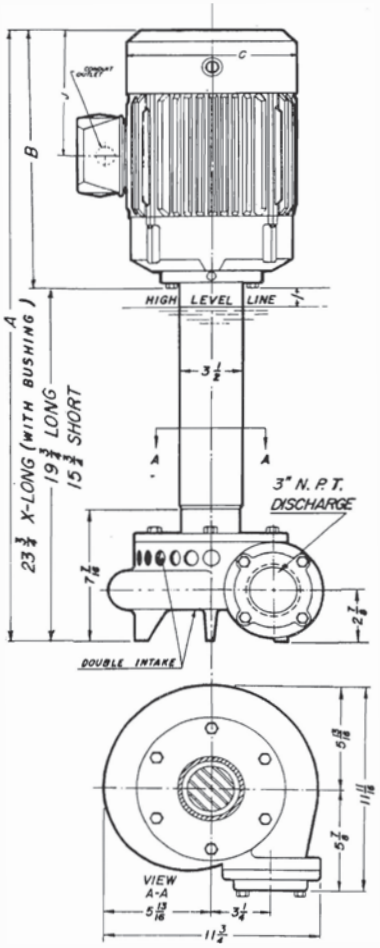
MODEL

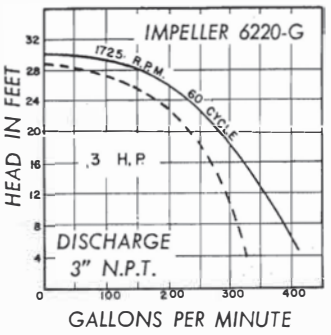
GUSHER® 11026

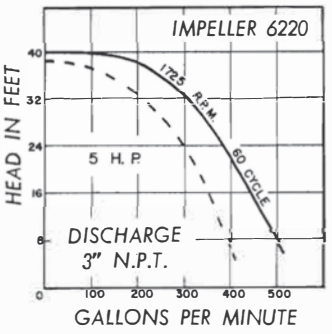
MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

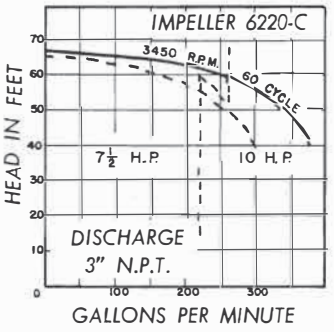


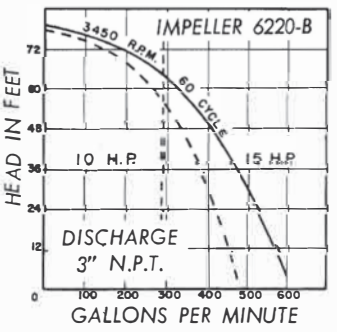
TOTALLY ENCLOSED FAN COOLED

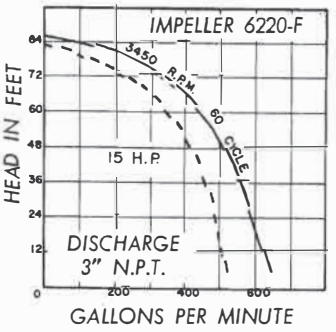












WHEN ORDERING SPECIFY

- **Model 11026 X-Long, Long or Short**
- **Impeller 6220, 6220-B, 6220-C, 6220-F or 6220-G**
- **Motor Horse Power and Current Characteristics**

Other current characteristics available.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
3	230/460	3	60	1725	145T TEFC	37	33	29	13¼	7 5/16	5¾	4 9/16	6¼
5	230/460	3	60	1725	184T TEFC	38½	34½	30½	14¾	9⅜	7¼	5¾	7 5/16
7½	230/460	3	60	3450	182T TEFC	39¾	35¾	31¾	16	10⅞	9⅛	7⅛	8⅛
10	230/460	3	60	3450	215T TEFC	40½	36½	32½	16¾	10⅞	9⅛	7⅛	8⅞
15	230/460	3	60	3450	215T-C TEFC	41½	37½	33½	17¼	13	10 1/16	8 1/16	10⅜

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

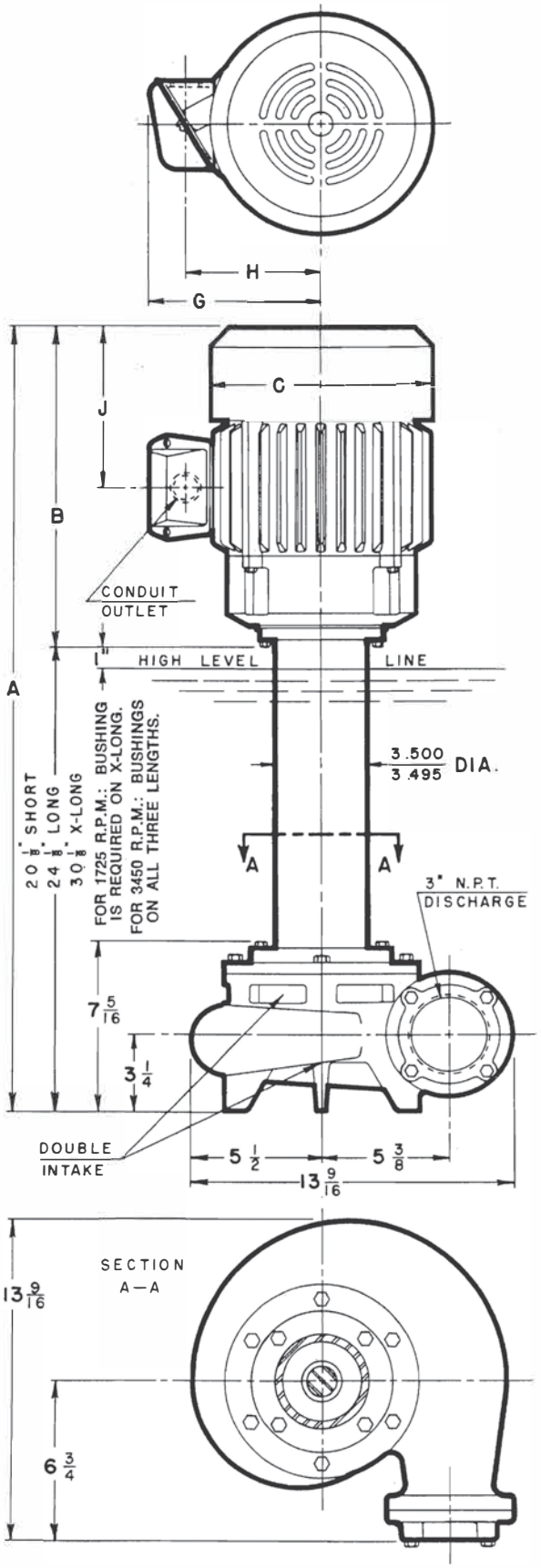
MODEL

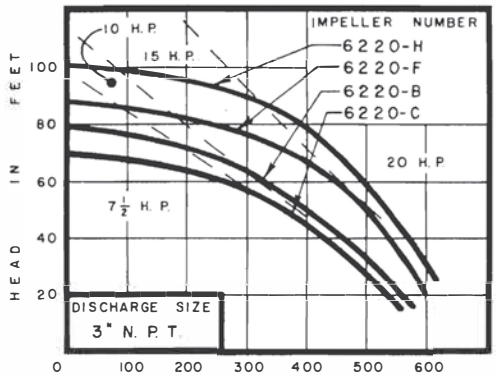
GUSHER® 26D

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

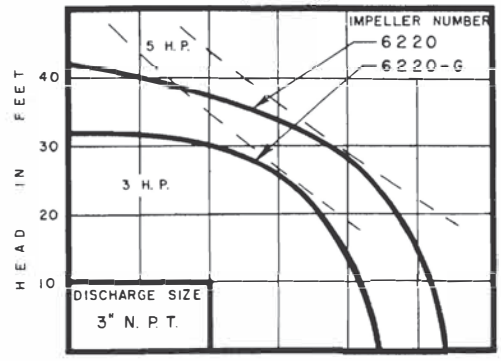
- Model 26D Short, Long or X-Long.
- Impeller Number 6220, 6220-B, 6220-C, 6220-F, 6220-G or 6220-H.
- Motor Horse Power and Current Characteristics.





3450 R. P. M.

GALLONS PER MINUTE ——— SOLUBLE COOLANT.
HEAD AND G. P. M. MEASURED AT THE DISCHARGE.
SOLID LINE ——— PUMP CAPACITY,
BROKEN LINE — — — HORSE-POWER CURVE.



1725 R. P. M.

GALLONS PER MINUTE ——— SOLUBLE COOLANT.
HEAD AND G. P. M. MEASURED AT THE DISCHARGE.
SOLID LINE ——— PUMP CAPACITY.
BROKEN LINE — — — HORSE-POWER CURVE.

DIMENSIONS IN INCHES

H.P.	R.P.M.	FR.	A			B	C	G	H	J
			SHORT	LONG	X-LONG					
3	1725	145T	34 3/8	38 3/8	44 3/8	14 1/4	7 5/16	5 3/4	4 9/16	6 1/4
5		184T	35 3/8	39 3/8	45 3/8	15 1/4	9 3/8	7 1/4	5 3/4	7 5/16
7 1/2	3450	213T	37 1/8	41 1/8	47 1/8	17	10 7/8	9 1/8	7 1/8	8 1/8
10		215T	37 3/8	41 3/8	47 3/8	17 1/4	10 7/8	9 1/8	7 1/8	8 7/8
15		215T	38 3/8	42 3/8	48 3/8	18 1/4	13	10 1/16	8 1/16	10 3/8

DIMENSIONS ARE FOR 230/460 VOLTS—60 CY.—3 PH.—T.E.F.C. MOTOR.
DIMENSIONS VARY WITH MOTOR MANUFACTURER.
* "B" DIMENSION FOR X-LONG 254TD FR. IS 20 9/16".

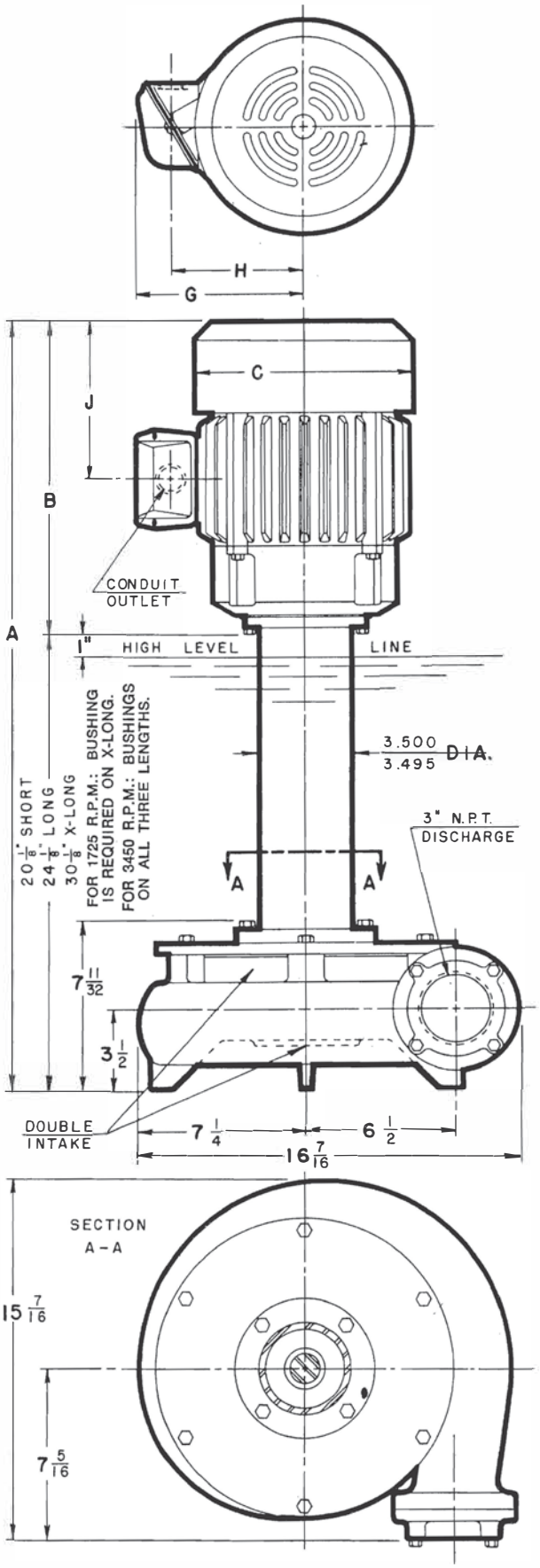
MODEL

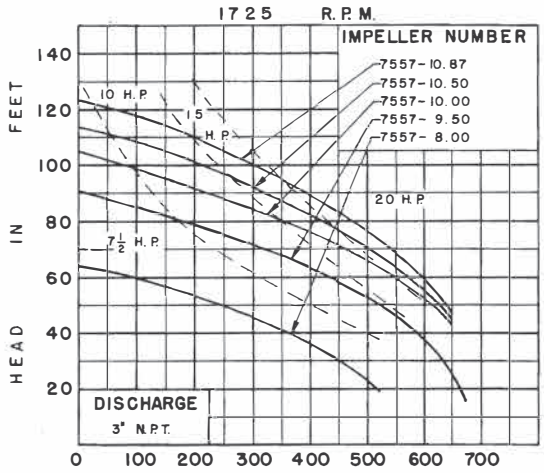
GUSHER® 33D

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model 33D Short, Long or X-Long.
- Impeller Number 7557-10.87, 7557-10.50, 7557-10.00, 7557-9.50 or 7557-8.00.
- Motor Horse Power and Current Characteristics.
- Mounting Bracket — 2AA-2340 or 7-2134 (See Page 139)
- ¼" Max Dia. Solids +6 Total Extension Length



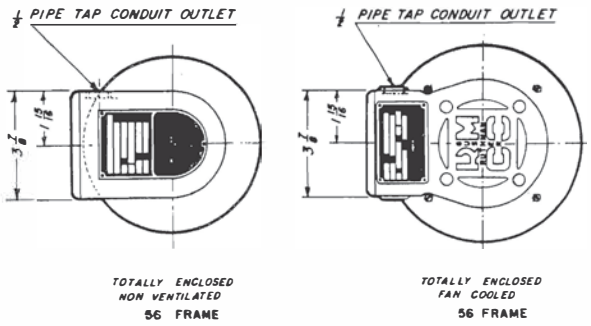


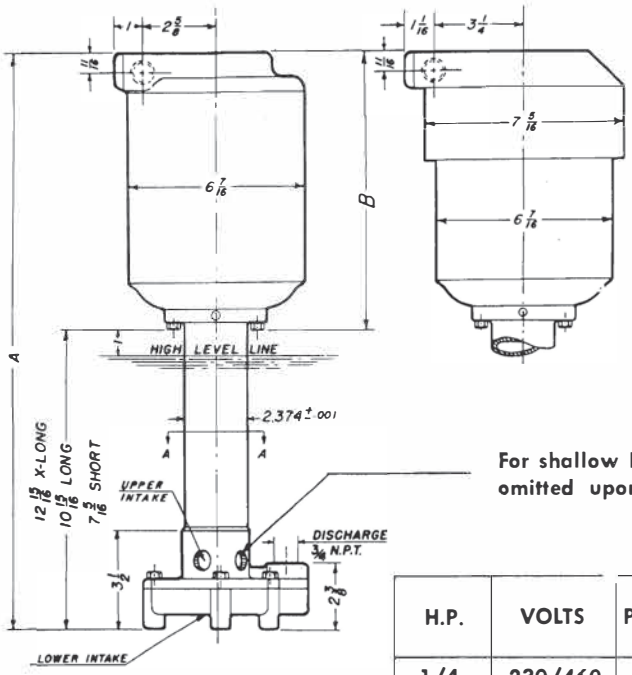
SOLUBLE COOLANT.
HEAD AND G. P. M. MEASURED AT THE DISCHARGE.
SOLID LINE ———— PUMP CAPACITY,
BROKEN LINE— — — HORSE-POWER CURVE.

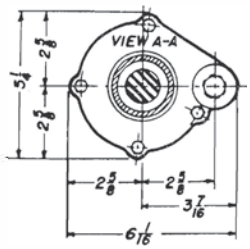
DIMENSIONS IN INCHES

H.P.	R.P.M.	FRAME	A SHORT	A LONG	A X-LONG	B	C	G	H	J
7 1/2	1725	213T	37 1/8	41 1/8	47 1/8	17	10 7/8	9 1/8	7 1/8	8 1/8
10		215T	37 3/8	41 3/8	47 3/8	17 1/4	10 7/8	9 1/8	7 1/8	8 7/8
15		254TD	40 11/16	44 11/16	50 11/16	20 9/16	13	10 1/8	8 1/8	10 3/8
20		256TD	42 7/16	46 7/16	52 7/16	22 5/16	13	10 1/8	8 1/8	11 1/4

DIMENSIONS ARE FOR 230/460 VOLT—60 CY.—3 PH.—T.E.F.C. MOTOR.
DIMENSIONS VARY WITH MOTOR MANUFACTURER.







MODEL

GUSHER® UL

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model UL X-Long, Long or Short
- Impeller 2020, 2217-B or 2217-S
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

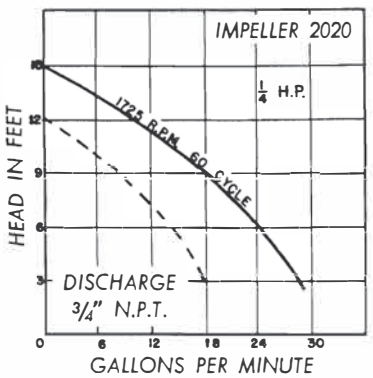
Other current characteristics available.
Supplied With Plastic Impeller Standard.
Cast Iron Available Upon Request.

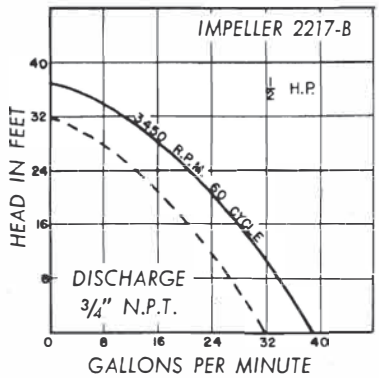
For shallow Reservoir — upper intake holes are omitted upon request. Write for Performance.

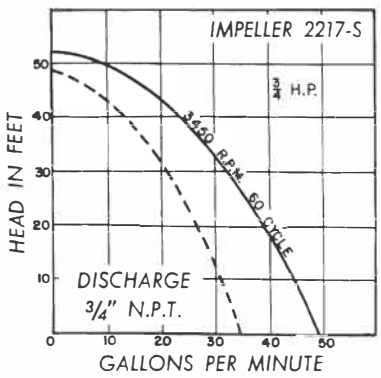
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	21 15/16	19 15/16	16 5/16	9
1/4	115/230	1	60	1725		22 13/16	20 13/16	17 3/16	9 7/8
1/2	230/460	3	60	3450		23 13/16	21 13/16	18 3/16	10 7/8
1/2	115/230	1	60	3450		24 5/8	22 5/8	19	11 1/16
3/4	230/460	3	60	3450	56 TEFC	25	23	19 3/8	12 1/16
3/4	115/230	1	60	3450		23 3/16	21 3/16	17 9/16	10 1/4

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

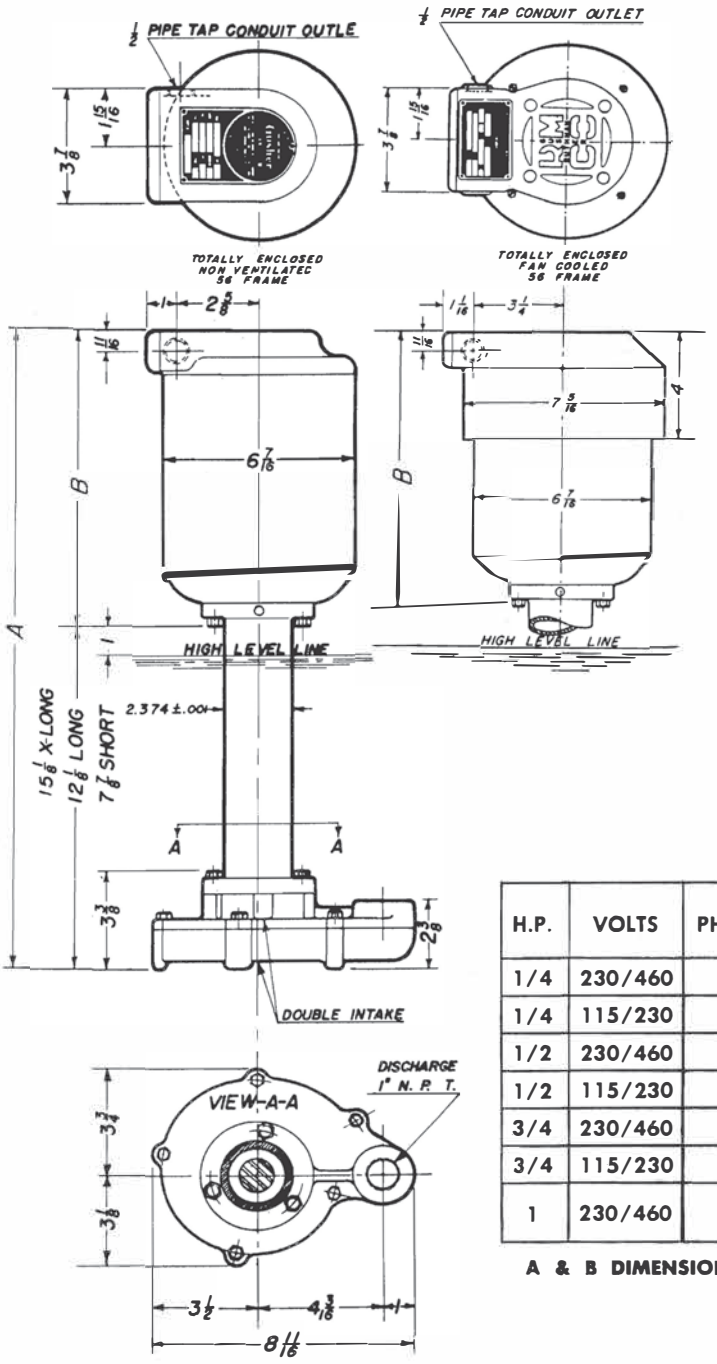
For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

Model SL Available Upon Request. Consult Factory.

MODEL

GUSHER® UD

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- **Model UD X-Long, Long or Short**
- **Impeller 3500, 2217-T, or 2325-DS**
- **Motor Horse Power and Current Characteristics**
  Supplied With Plastic Impeller Standard.
  Cast Iron Available Upon Request.

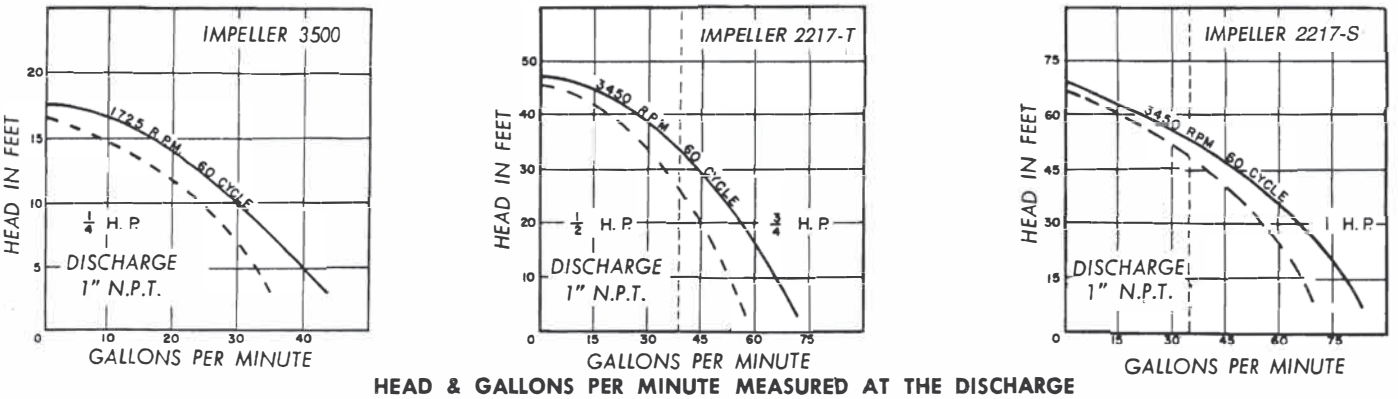
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

Other current characteristics available.

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	24½	21½	16½	9⅜
1/4	115/230	1	60	1725		24½	21½	16½	9⅜
1/2	230/460	3	60	3450		25 1/16	22 1/16	17 1/16	9 15/16
1/2	115/230	1	60	3450		26 1/16	23 1/16	18 1/16	10 15/16
3/4	230/460	3	60	3450	56 TEFC	25	22	17	9⅞
3/4	115/230	1	60	3450		26 1/16	23 1/16	18 1/16	10 15/16
1	230/460	3	60	3450		26½	23½	18½	11⅜

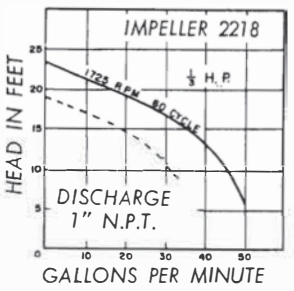
A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

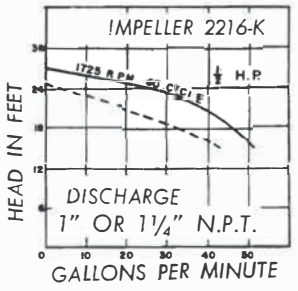


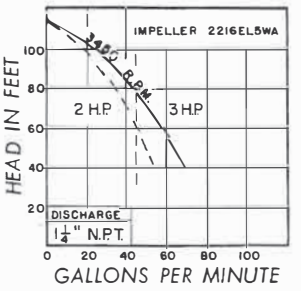
HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

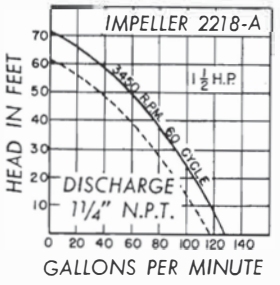






GUSHER® MODEL RL

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

Broken Line - - - - - 200 SSU Oil, 100°F.

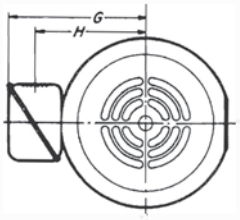
For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

WHEN ORDERING SPECIFY

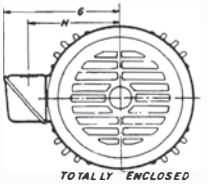
- **Model RL X-Long, Long or Short**
- **Impeller 2218, 2216-K, 2216EL5WA or 2218-A**
- **Size of Discharge 1" or 1¼"**
- **Motor Horse Power & Current Characteristics**

Other current characteristics available.

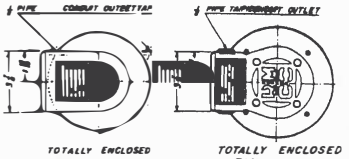
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.



TOTALLY ENCLOSED FAN COOLED 143T & 145T FRAME

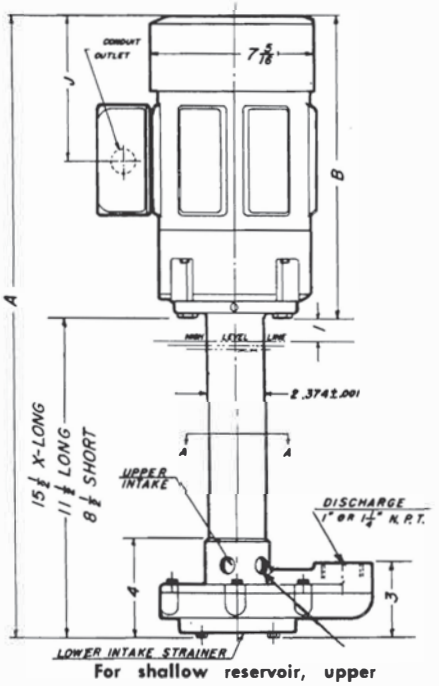


TOTALLY ENCLOSED FAN COOLED 182T & 184T FRAME

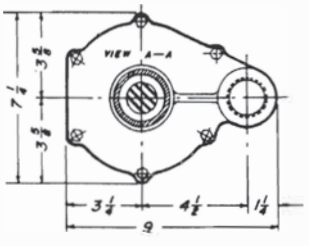


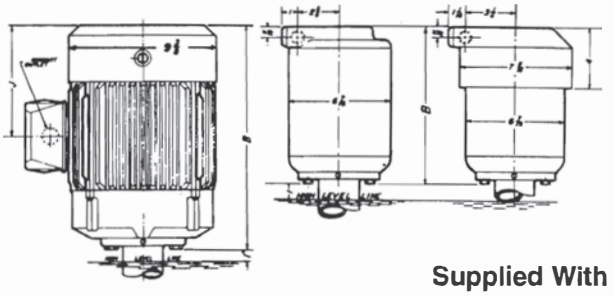
TOTALLY ENCLOSED NON VENTILATED 56 FRAME

TOTALLY ENCLOSED FAN COOLED 56 FRAME



For shallow reservoir, upper intake holes are omitted upon request. Write for performance





Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	G	H	J
						X-LONG	LONG	SHORT				
1/3	230/460	3	60	1725	56 TENV	24⅞	20⅞	17⅞	9⅜	.....	.....	.....
1/3	115/230	1	60	1725		26⅜	22⅜	19⅜	10⅞	.....	.....	.....
1/2	230/460	3	60	1725		25⅜	21⅜	18⅜	9⅞	.....	.....	.....
1/2	115/230	1	60	1725	56 TEFC	26¼	22¼	19¼	10¾	.....	.....	.....
2	230/460	3	60	3450		27⅞	23⅞	20⅞	12⅜	.....	.....	.....
1½	230/460	3	60	3450	56 TEFC	26⅞	22⅞	19⅞	11⅜	.....	.....	.....
1½	230/460	3	60	3450	145T FRAME	26⅞	22⅞	19⅞	11⅜	5¾	4⅝	6¼
2	230/460	3	60	3450	145T TEFC	27⅞	23⅞	20⅞	12⅜	5¾	4⅝	6¼
3	230/460	3	60	3450	145T FRAME	28⅞	24⅞	21⅞	13¼	7¼	5¾	6¼

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

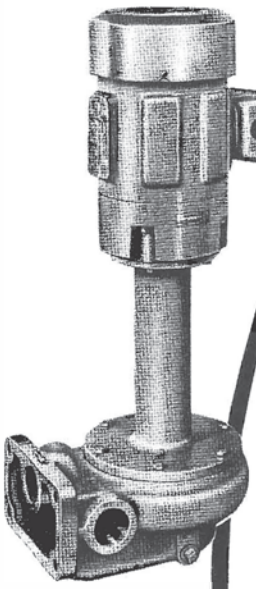
Model TL Available Upon Request. Consult Factory.

FOR THOSE DIRTY PUMPING JOBS

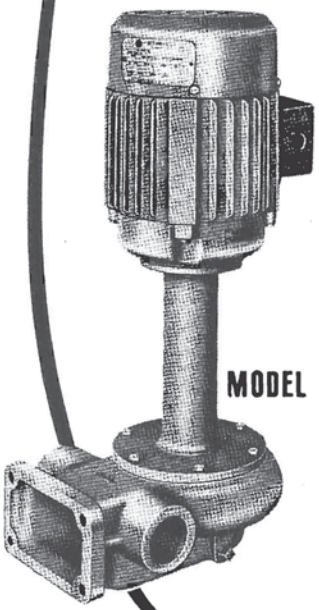
THE Gusher®

PUMP WITH TEETH

HANDLES – SWARF, SLUDGE AND SHAVINGS



MODEL 11065



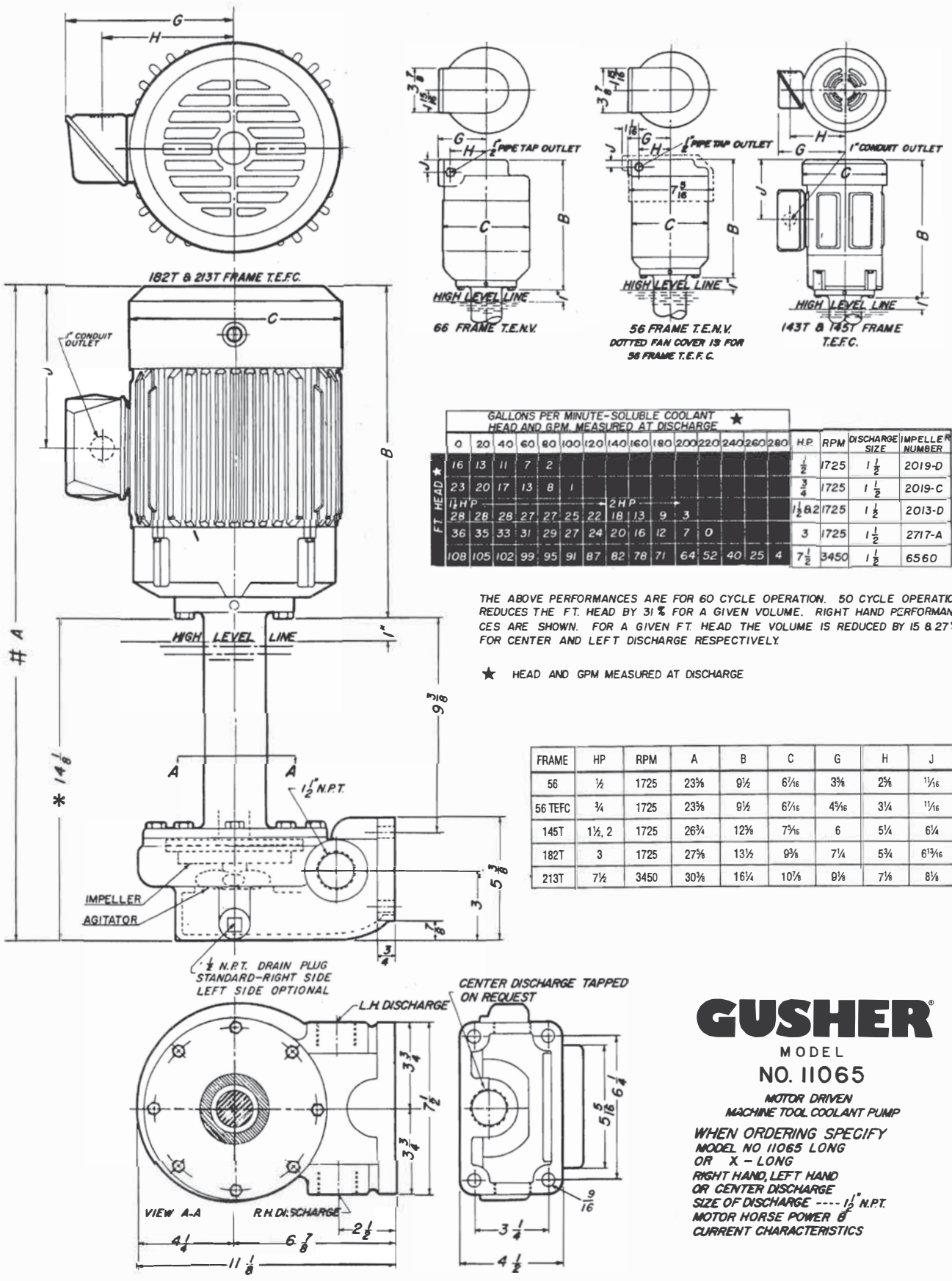
MODEL 11066

WHAT'S THE SECRET? – SIMPLE!

These pumps have a large intake and an agitator mounted below the impeller. This combination makes it possible to handle large chunks of grinding residue or shavings that find their way into the coolant system.

Another outstanding feature is a sturdy one-piece suspended, dynamically balanced shaft rotating on large precision ball bearings. There are no metal to metal contacts within the pump, thus continuous worry-free handling of grinding residue is possible.

GUSHER PUMPS, INC. • 22 RUTHMAN DRIVE • DRY RIDGE, KENTUCKY 41035
Division of Ruthman Pump & Engineering, Inc.
Telephone: 606-824-5001 • FAX: 606-824-3011



GALLONS PER MINUTE-SOLUBLE COOLANT ★ HEAD AND G.P.M. MEASURED AT DISCHARGE															H.P.	RPM	DISCHARGE SIZE	IMPELLER NUMBER
FT. HEAD ★	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280				
	16	13	11	7	2											½	1725	1½	2019-D
	23	20	17	13	8	1										¾	1725	1½	2019-C
	¾ H.P.							2 H.P.								1½ & 2	1725	1½	2013-D
	28	28	28	27	27	25	22	18	13	9	3								
	36	35	33	31	29	27	24	20	16	12	7	0				3	1725	1½	2717-A
	108	105	102	99	95	91	87	82	78	71	64	52	40	25	4	7½	3450	1½	6560

THE ABOVE PERFORMANCES ARE FOR 60 CYCLE OPERATION. 50 CYCLE OPERATION REDUCES THE FT. HEAD BY 31% FOR A GIVEN VOLUME. RIGHT HAND PERFORMANCES ARE SHOWN. FOR A GIVEN FT. HEAD THE VOLUME IS REDUCED BY 15 & 27% FOR CENTER AND LEFT DISCHARGE RESPECTIVELY.

★ HEAD AND GPM MEASURED AT DISCHARGE

FRAME	HP	RPM	A	B	C	G	H	J
56	½	1725	23⅜	9½	6 7/16	3⅜	2⅝	1 1/16
56 TEFC	¾	1725	23⅜	9½	6 7/16	4 5/16	3¼	1 1/16
145T	1½, 2	1725	26¾	12⅝	7 5/16	6	5¼	6¼
182T	3	1725	27⅝	13½	9⅜	7¼	5¾	6 13/16
213T	7½	3450	30⅜	16¼	10⅞	9⅛	7⅛	8⅛

GUSHER®

MODEL

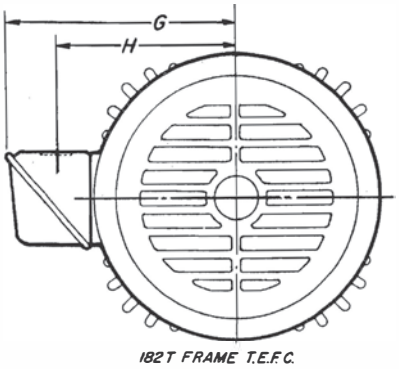
NO. 11065

MOTOR DRIVEN
MACHINE TOOL COOLANT PUMP

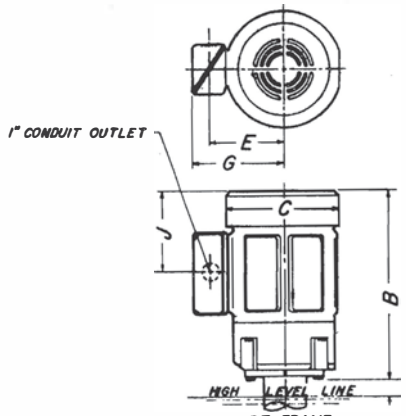
WHEN ORDERING SPECIFY
MODEL NO 11065 LONG
OR X – LONG
RIGHT HAND, LEFT HAND
OR CENTER DISCHARGE
SIZE OF DISCHARGE ---- 1½" N.P.T.
MOTOR HORSE POWER &
CURRENT CHARACTERISTICS

* *Model 11065 X-Long available, immersion depth 18⅛"*

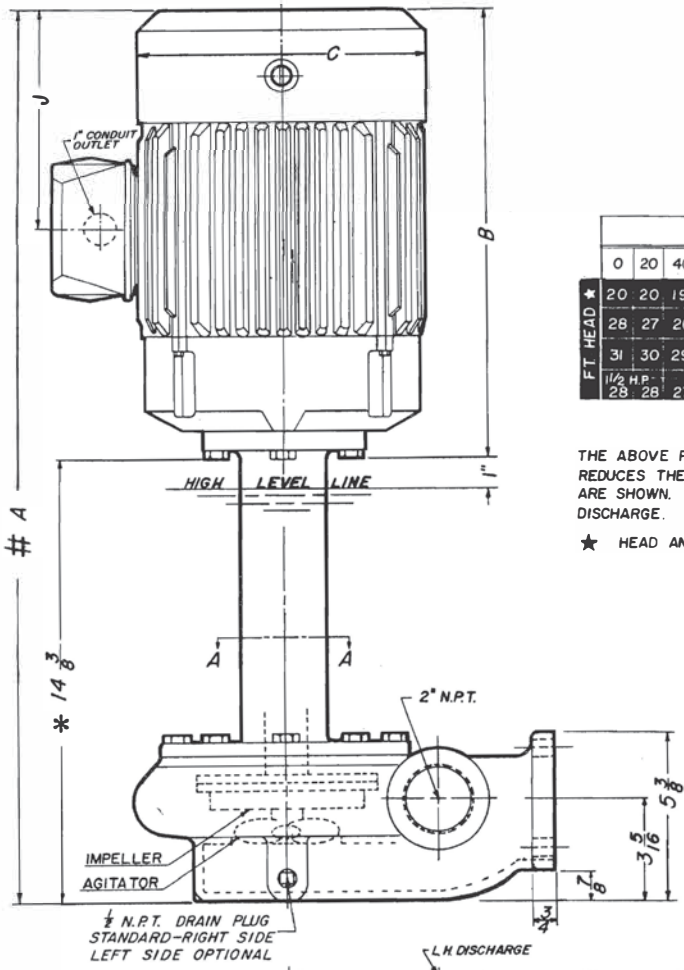
\# *Overall Length: 4" longer for X-Long Model.*

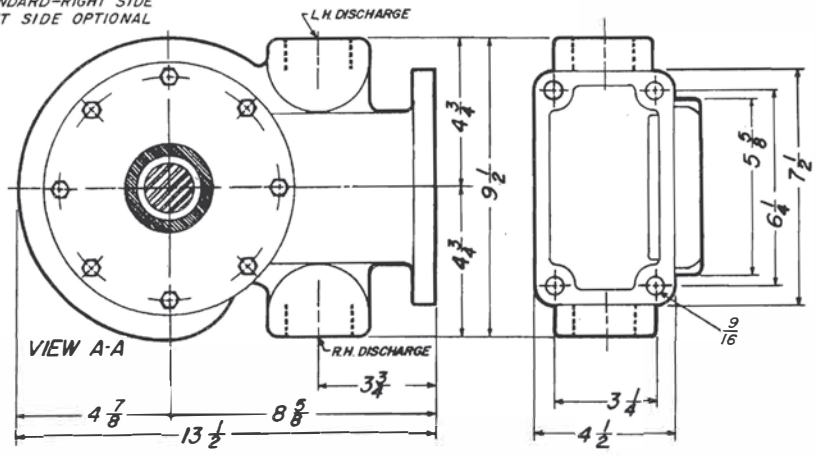


182T FRAME T.E.F.C.



145T FRAME
T.E.F.C.





FT HEAD ★	GALLONS PER MINUTE-SOLUBLE COOLANT HEAD AND GPM MEASURED AT DISCHARGE ★														H.P.	RPM	DISCHARGE SIZE	IMPELLER NUMBER
	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280				
	20	20	19	18	16	15	9	5	0							1½	1725	2	2019-F
	28	27	26	25	24	23	22	20	18	16	12	10	5			2	1725	2	2717-C
	31	30	29	28	26	25	24	23	21	18	15	11	7	1		3	1725	2	2717-A
	1½ H.P.					2 H.P.				3 H.P.						½,2,3	1725	2	2013-A
	28	28	27	26	25	24	23	21	19	17	14	11	8	5	2				

THE ABOVE PERFORMANCES ARE FOR 60 CYCLE OPERATION. 50 CYCLE OPERATION REDUCES THE FT. HEAD BY 31% FOR A GIVEN VOLUME. RIGHT HAND PERFORMANCES ARE SHOWN. FOR A GIVEN FT. HEAD THE VOLUME IS REDUCED BY 27 % FOR LEFT DISCHARGE.

★ HEAD AND GPM MEASURED AT DISCHARGE

FRAME	HP	RPM	A	B	C	G	H	J
145T	1½, 2	1725	27	12⅜	7 5/16	6	5¼	6¼
182T	3	1725	25⅜	13½	9⅜	7¼	5¾	6 13/16

GUSHER®

MODEL

NO. 11066

MOTOR DRIVEN
MACHINE TOOL COOLANT PUMP

WHEN ORDERING SPECIFY
MODEL NO. 11066 LONG
OR X – LONG
RIGHT HAND DISCHARGE OR
LEFT HAND DISCHARGE
SIZE OF DISCHARGE 2" N.P.T.
MOTOR HORSE POWER &
CURRENT CHARACTERISTICS

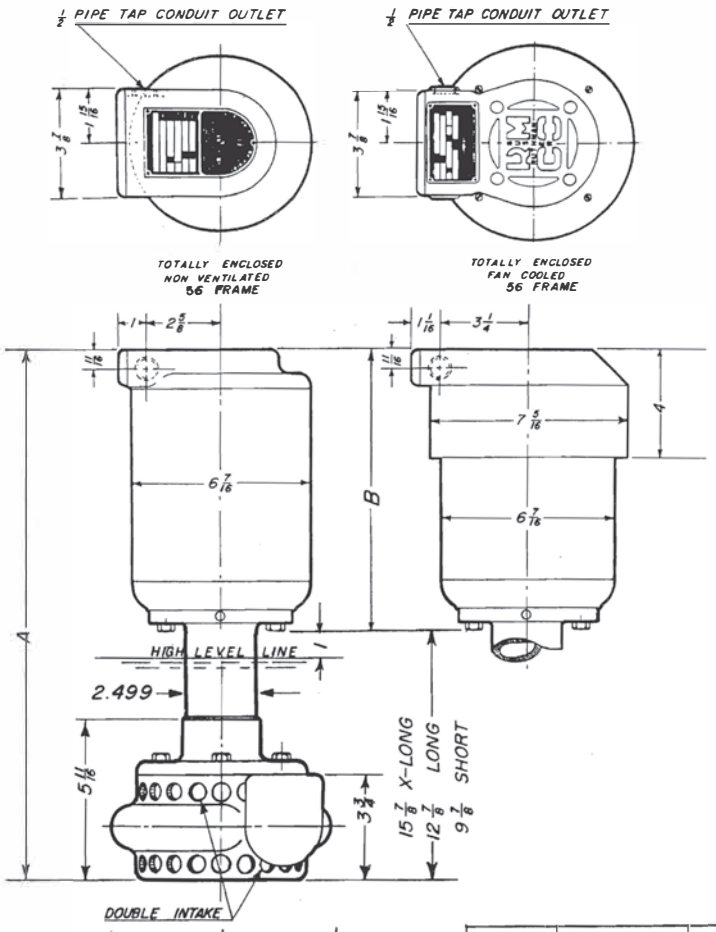
✱ *Model 11066 X-Long available, immersion depth 18⅜"*

\# *Overall Length: 4" longer for X-Long Model.*

MODEL

GUSHER® 11023-D

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model 11023-D X-Long, Long or Short
- Impeller 2136, 3530-BU or 3533
- Motor Horse Power & Current Characteristics

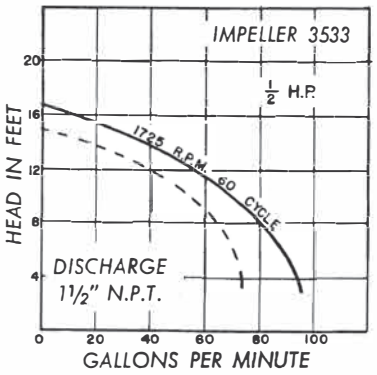
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

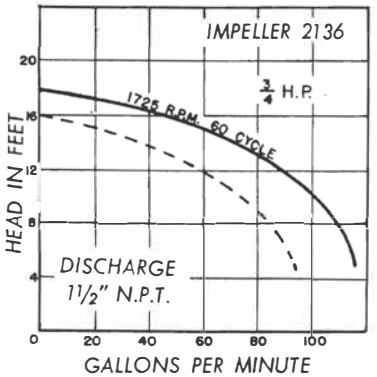
Other current characteristics available.

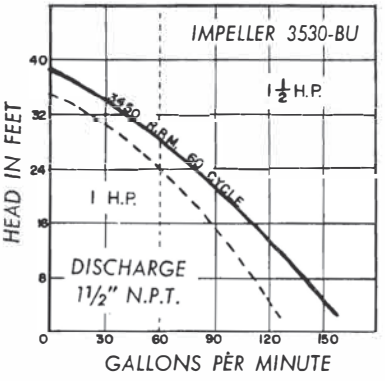
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/2	230/460	3	60	1725	56 TENV	25¾	22¾	19¾	9⅞
1/2	115/230	1	60	1725	56 TEFC	26 11/16	23 11/16	20 11/16	10 15/16
3/4	230/460	3	60	1725	56 TENV	26⅝	23⅝	20⅝	10¾
3/4	115/230	1	60	1725	56 TEFC	26 11/16	23 11/16	20 11/16	10 15/16
1	230/460	3	60	3450		27¼	24¼	21¼	11⅜
1½	230/460	3	60	3450		27¼	24¼	21¼	11⅜
2	230/460	3	60	3450		28¼	25¼	22¼	12⅜

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

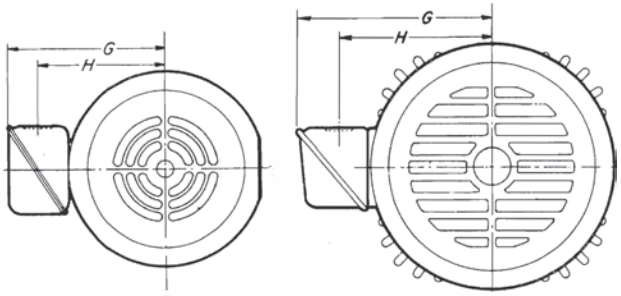
SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

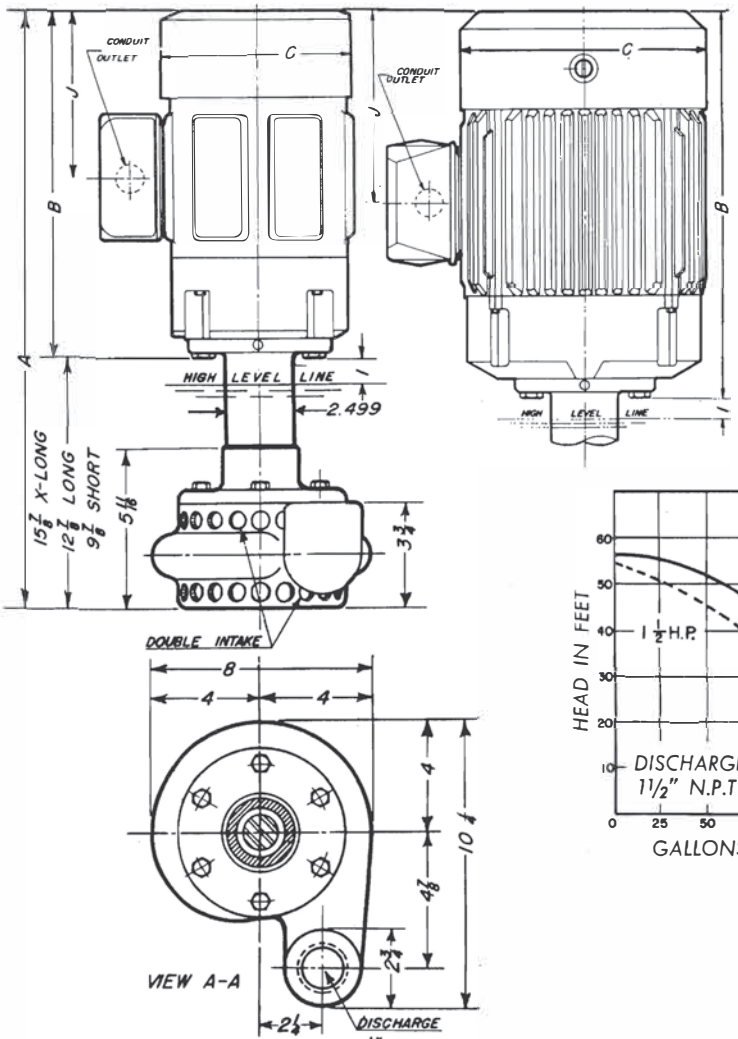
GUSHER® 11023-D

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



TOTALLY ENCLOSED FAN COOLED 143T & 145T FRAME

TOTALLY ENCLOSED FAN COOLED 182T & 184T FRAME

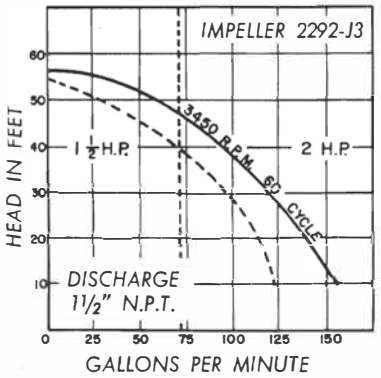


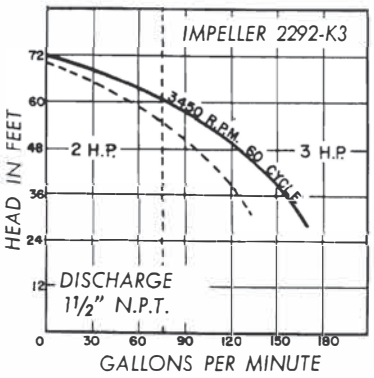
WHEN ORDERING SPECIFY

- Model 11023-D X-Long Long or Short
- Impeller 2292-K3 or 2292-J3
- Motor Horse Power & Current Characteristics

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

Other current characteristics available.





Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

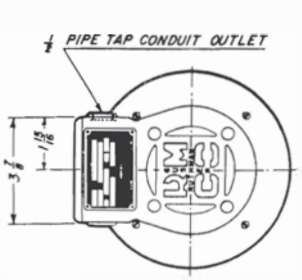
Broken Line - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

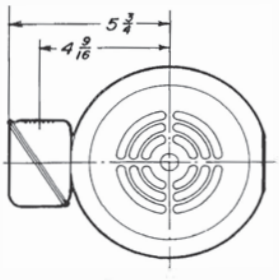
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1½	230/460	3	60	3450	145T TEFC	27¼	24¼	21¼	11⅜	7⁵⁄₁₆	5¾	4⁹⁄₁₆	6¼
2	230/460	3	60	3450	145T TEFC	28¼	25¼	22¼	12⅜	7⁵⁄₁₆	5¾	4⁹⁄₁₆	6¼
3	230/460	3	60	3450	145T TEFC	29⅛	26⅛	23⅛	13¼	7⁵⁄₁₆	5¾	4⁹⁄₁₆	6¼

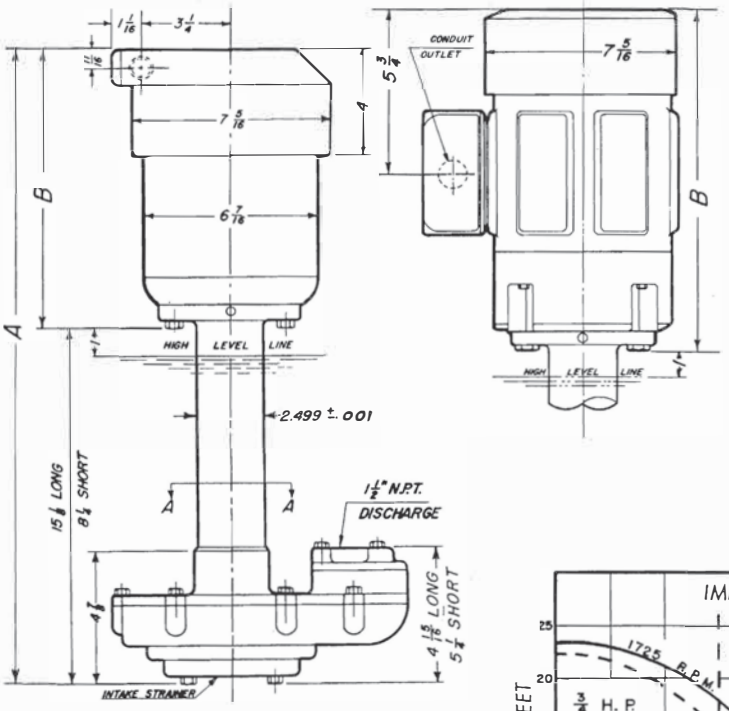
A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

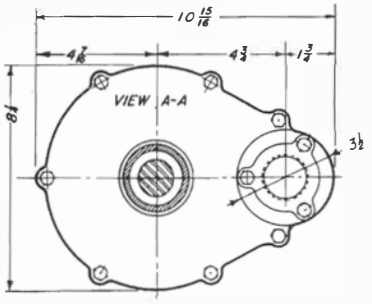


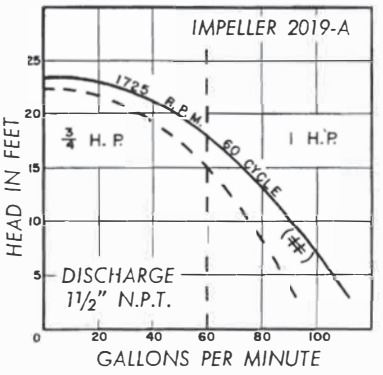
TOTALLY ENCLOSED FAN COOLED
56 FRAME



TOTALLY ENCLOSED FAN COOLED
143T FRAME







Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

Broken Line - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® BL

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

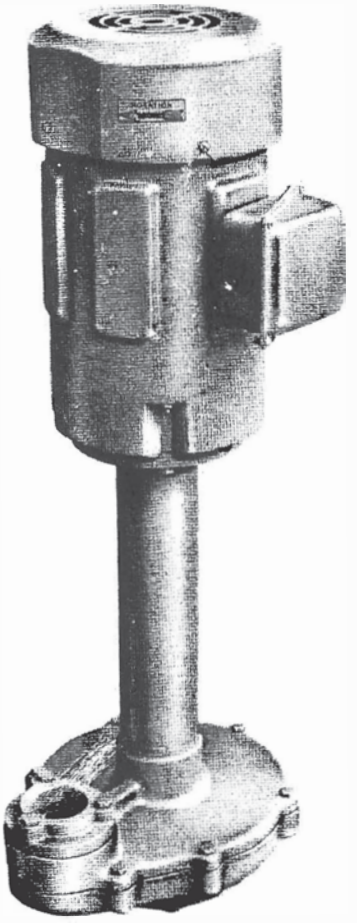
WHEN ORDERING SPECIFY

- Model BL Long or Short
- Impeller 2013-A or 2019-A
- Motor Horse Power and Current Characteristics

Other current characteristics available.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

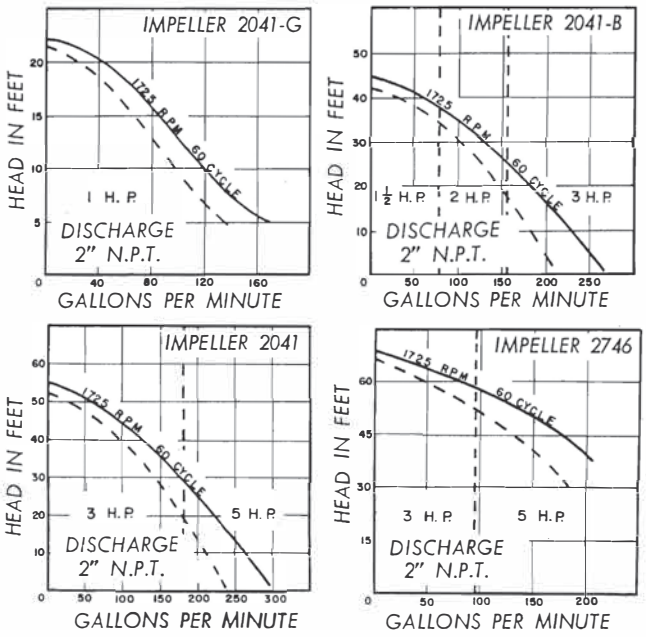
If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2013-A; Motor must be wound specifically for 50 cycle.



DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B
						LONG	SHORT	
3/4	230/460	3	60	1725	56 TENV	24⅝	17¾	9½
3/4	115/230	1	60	1725	56 TEFC	26 1/16	19 3/16	10 15/16
1	230/460	3	60	1725		26½	19⅝	11⅜
1	230/460	3	60	1725	145T TEFC	26½	19⅝	11⅜

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F. **Broken Line** - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® CML

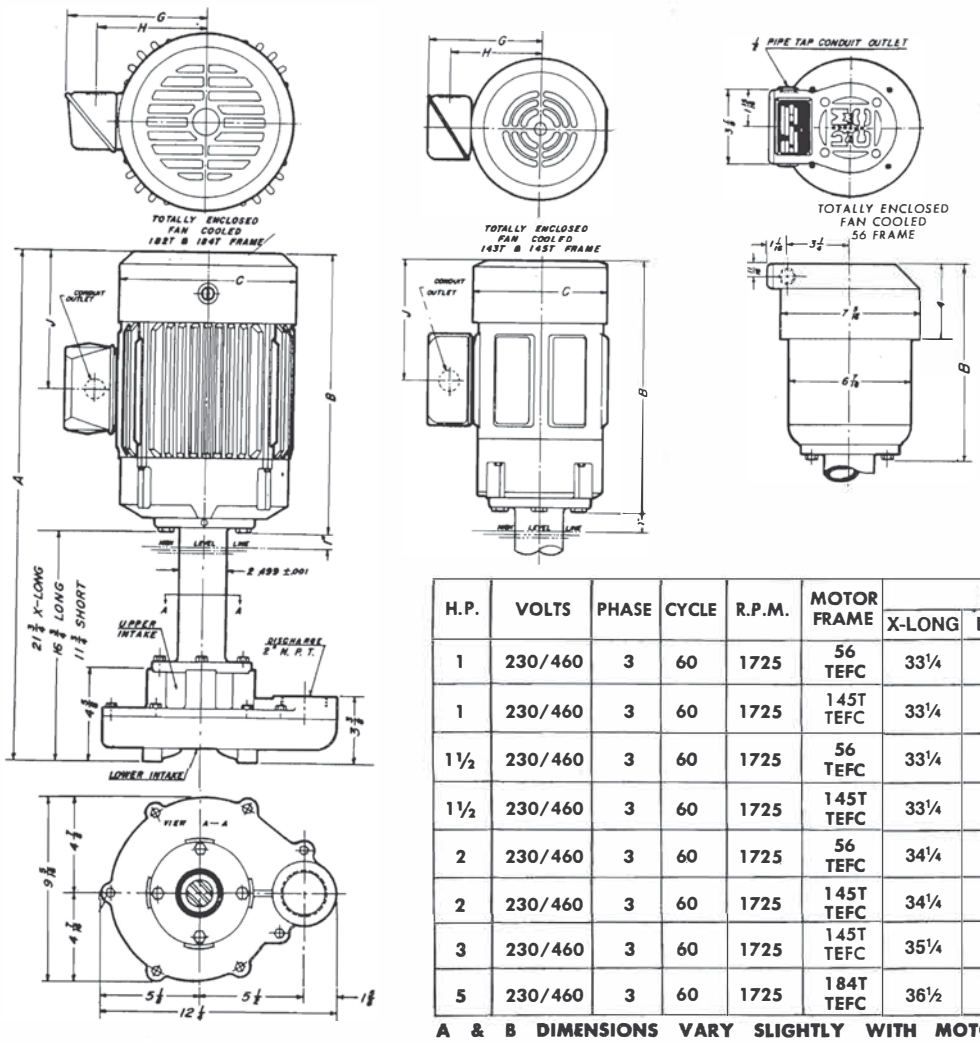
MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model CML X-Long, Long or Short
- Impeller 2041, 2041-B, 2041-G or 2746
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

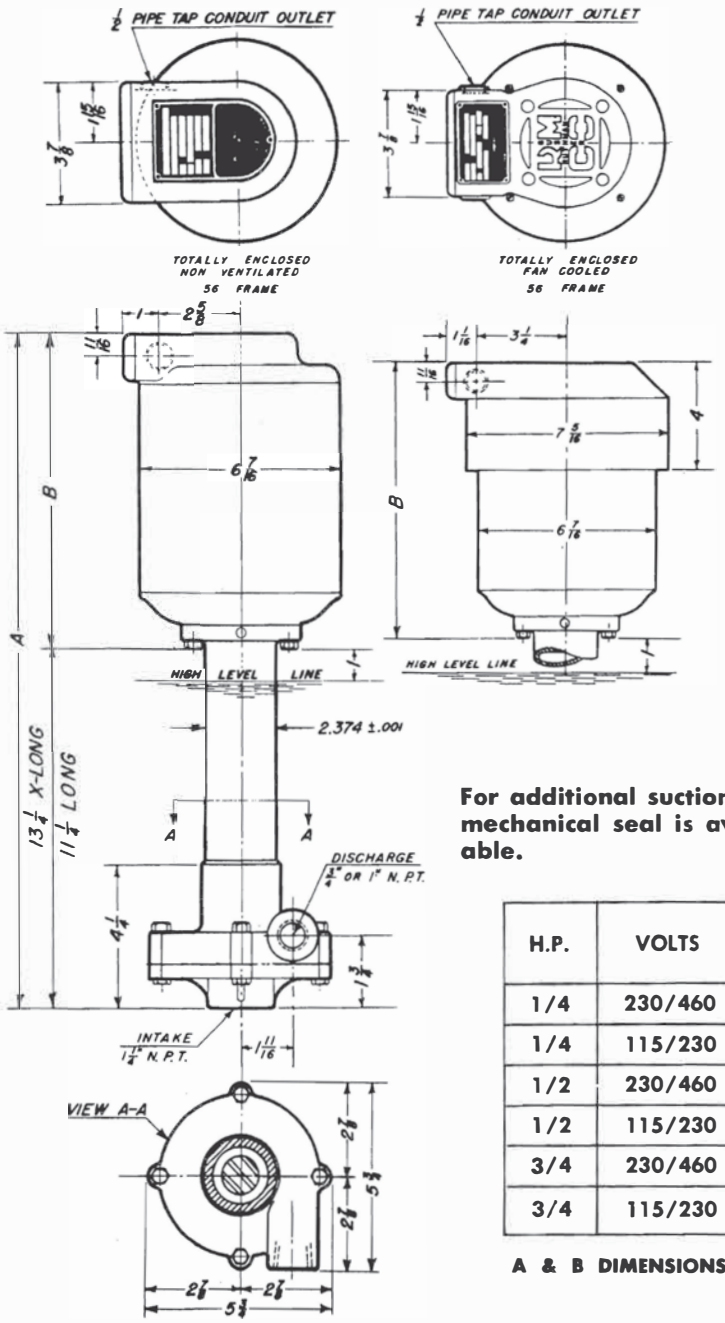
Other current characteristics available.



DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	56 TEFC	33¼	28¼	23¼	11½	-----	-----	-----	-----
1	230/460	3	60	1725	145T TEFC	33¼	28¼	23¼	11½	7 5/16	5¾	4 9/16	6¼
1½	230/460	3	60	1725	56 TEFC	33¼	28¼	23¼	11½	-----	-----	-----	-----
1½	230/460	3	60	1725	145T TEFC	33¼	28¼	23¼	11½	7 5/16	5¾	4 5/16	6¼
2	230/460	3	60	1725	56 TEFC	34¼	29¼	24¼	12½	-----	-----	-----	-----
2	230/460	3	60	1725	145T TEFC	34¼	29¼	24¼	12½	7 5/16	5¾	4 5/16	6¼
3	230/460	3	60	1725	145T TEFC	35¼	30¼	25¼	13½	7 5/16	5¾	4 9/16	6¼
5	230/460	3	60	1725	184T TEFC	36½	31½	26½	14¾	9⅜	7¼	5¾	7 5/16

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



MODEL

GUSHER® YO

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model YO X-Long or Long
- Impeller 2024-AC or 2249-E
- Size or Discharge ¾" or 1"
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

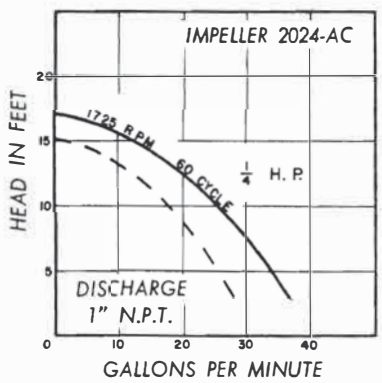
Other current characteristics available.

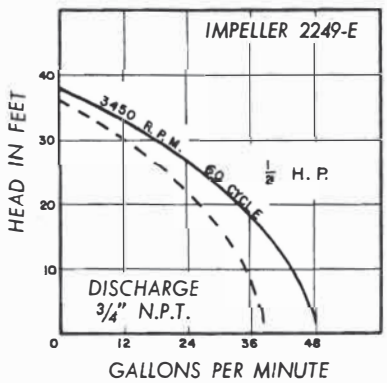
For additional suction lift mechanical seal is available.

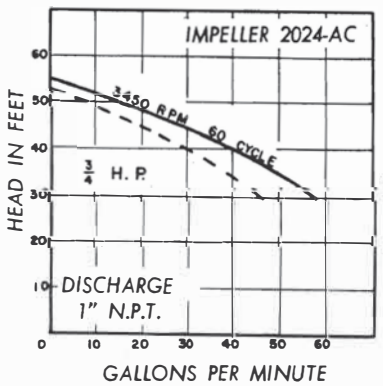
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B
						X-LONG	LONG	
1/4	230/460	3	60	1725	56 TENV	21	19	7¾
1/4	115/230	1	60	1725		21	19	7¾
1/2	230/460	3	60	3450		23 3/16	21 3/16	9 15/16
1/2	115/230	1	60	3450		24 3/16	22 3/16	10 15/16
3/4	230/460	3	60	3450	56 TEFC	24	22	10¾
3/4	115/230	1	60	3450		24 3/16	22 3/16	10 15/16

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

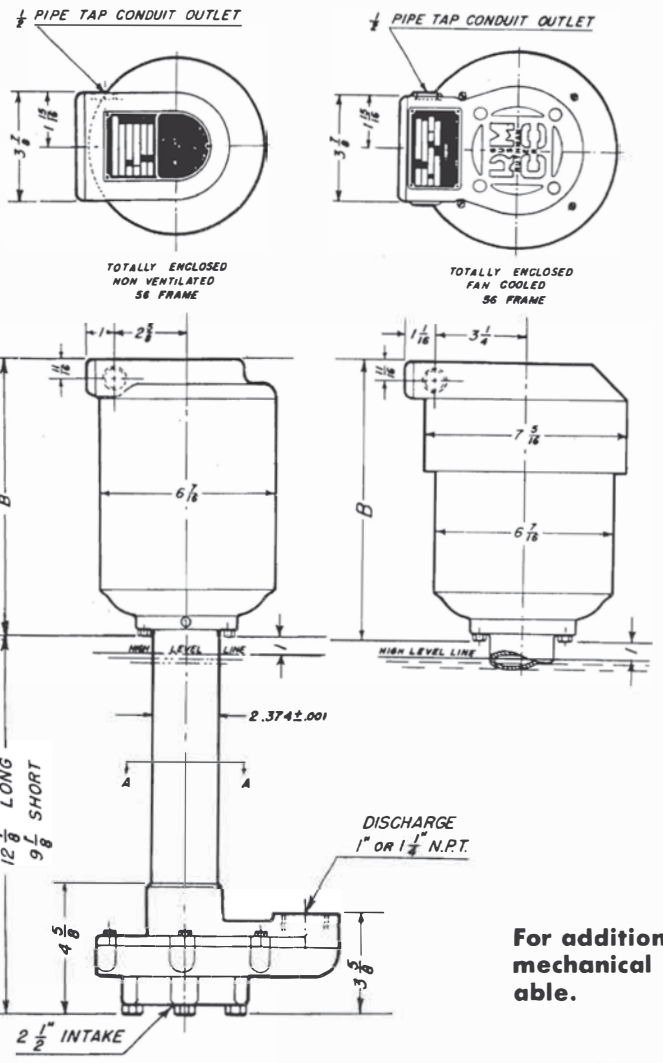
SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® RO

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model RO X-Long, Long or Short
- Impeller 2325-B, 2037-A
- Size of Discharge 1″ or 1 ¼″
- Motor Horse Power and Current Characteristics

Other current characteristics available.

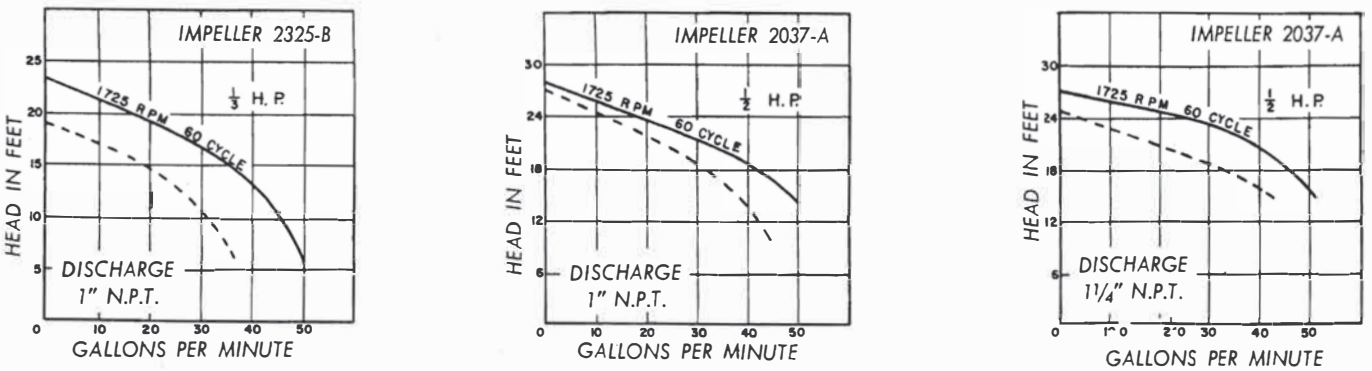
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

For additional suction lift mechanical seal is available.

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/3	230/460	3	60	1725	56 TENV	25½	21½	18½	9⅜
1/3	115/230	1	60	1725		26⅞	22⅞	19⅞	10¾
1/2	230/460	3	60	1725		26⅞	22⅞	19⅞	10¾
1/2	115/230	1	60	1725	56 TEFC	26⅞	22⅞	19⅞	10¾

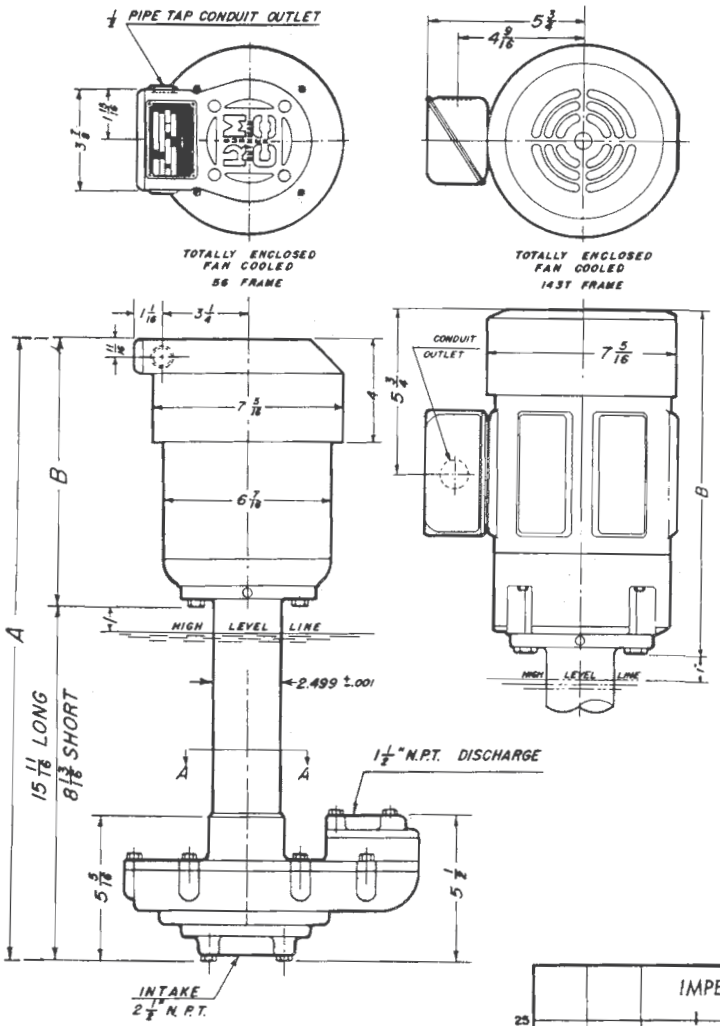
A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

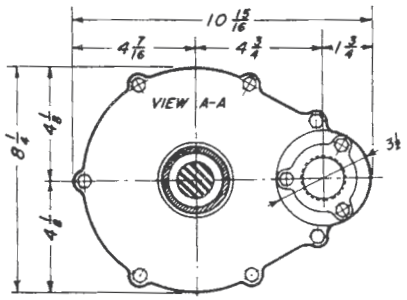


HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

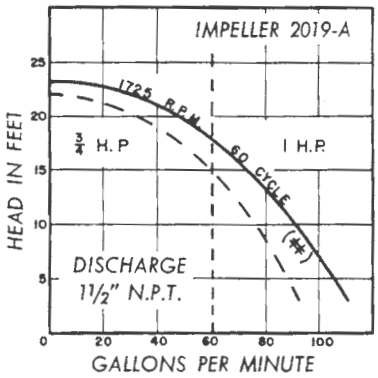
SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.





For additional suction lift mechanical seal is available.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

Broken Line - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® BO

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

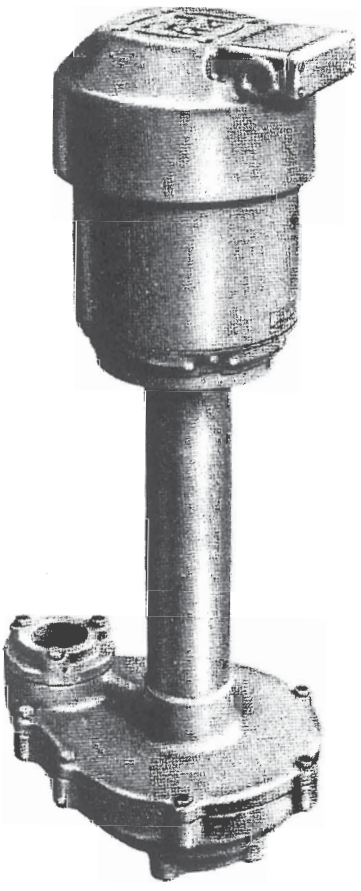
WHEN ORDERING SPECIFY

- Model BO Long or Short
- Impellér 2013-A or 2019-A
- Motor Horse Power and Current Characteristics

Other current characteristics available.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2013-A; Motor must be wound specifically for 50 cycle.



DIMENSIONS IN INCHES

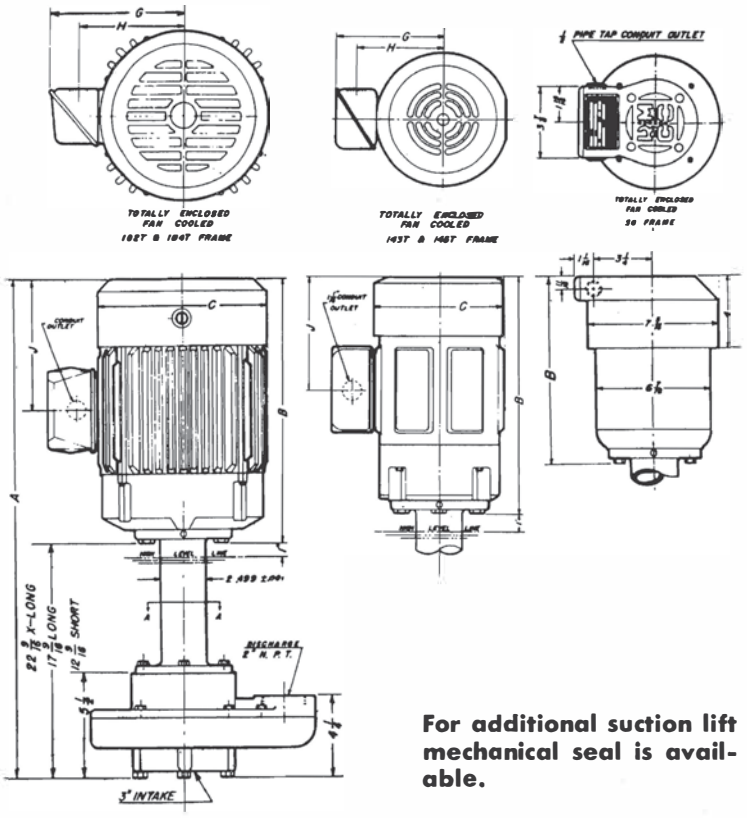
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B
						LONG	SHORT	
3/4	230/460	3	60	1725	56 TENV	25 3/16	8 5/16	9 1/2
3/4	115/230	1	60	1725	56 TEFC	26 5/8	19 3/4	10 15/16
1	230/460	3	60	1725	56 TEFC	27 1/16	20 3/16	11 3/8
1	230/460	3	60	1725	145T TEFC	27 1/16	20 3/16	11 3/8

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

MODEL

GUSHER® CMO

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



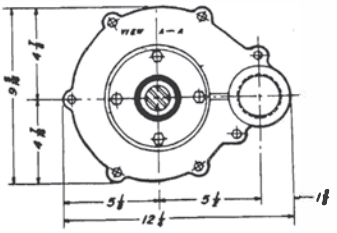
WHEN ORDERING SPECIFY

- Model CMO X-Long, Long or Short
- Impeller 2717, 2717-E, 2717-G or 2747
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

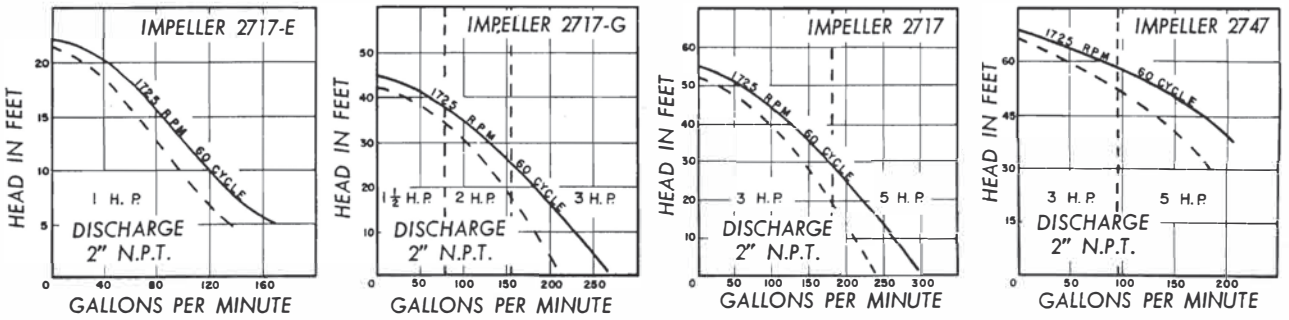
For additional suction lift mechanical seal is available.



DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	56 TEFC	34 1/16	29 1/16	24 1/16	11 1/2	.....	.....	.....	.....
1	230/460	3	60	1725	145T TEFC	34 1/16	29 1/16	24 1/16	11 1/2	7 5/16	5 3/4	4 9/16	6 1/4
1 1/2	230/460	3	60	1725	56 TEFC	34 1/16	29 1/16	24 1/16	11 1/2	.....	.....	.....	.....
1 1/2	230/460	3	60	1725	145T TEFC	34 1/16	29 1/16	24 1/16	11 1/2	7 5/16	5 3/4	4 5/16	6 1/4
2	230/460	3	60	1725	56 TEFC	35 1/16	30 1/16	25 1/16	12 1/2	.....	.....	.....	.....
2	230/460	3	60	1725	145T TEFC	35 1/16	30 1/16	25 1/16	12 1/2	7 5/16	5 3/4	4 5/16	6 1/4
3	230/460	3	60	1725	145T TEFC	36 1/16	31 1/16	26 1/16	13 1/2	7 5/16	5 3/4	4 9/16	6 1/4
5	230/460	3	60	1725	184T TEFC	37 5/16	32 5/16	27 5/16	14 3/4	9 3/8	7 1/4	5 3/4	7 5/16

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

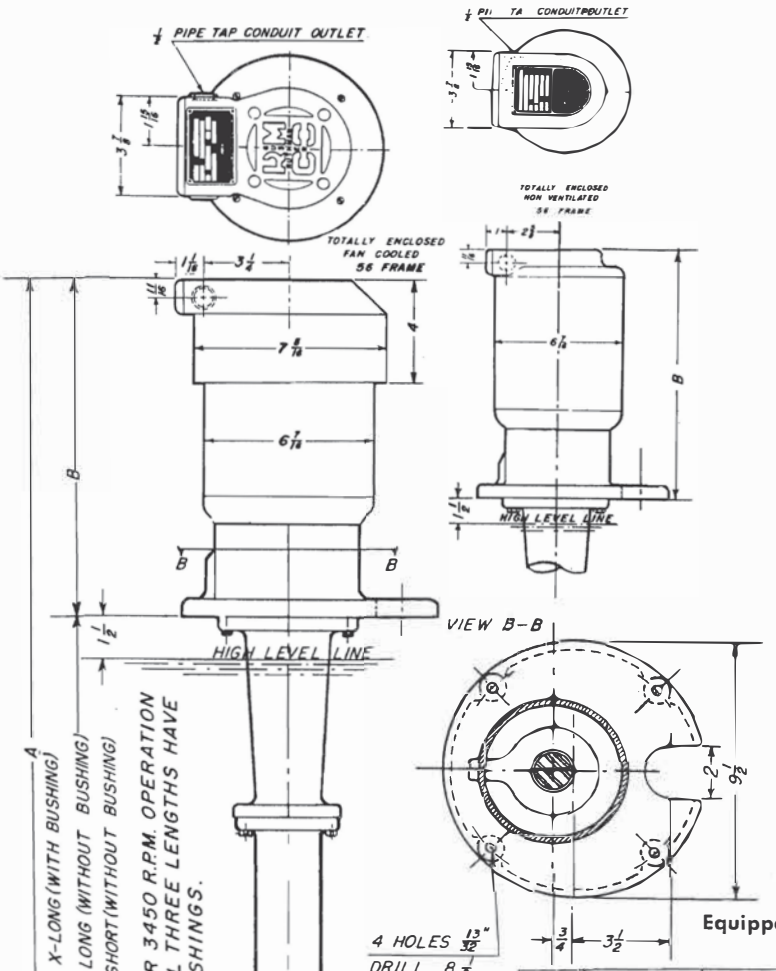
SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® UD-25

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model UD-25 X-Long, Long or Short
- Impeller 3500, 2217-S or 2218-B
- Motor Horse Power and Current Characteristics

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

Other current characteristics available.

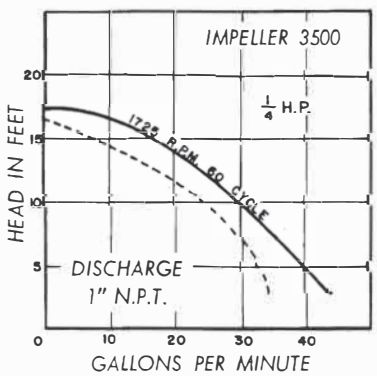
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

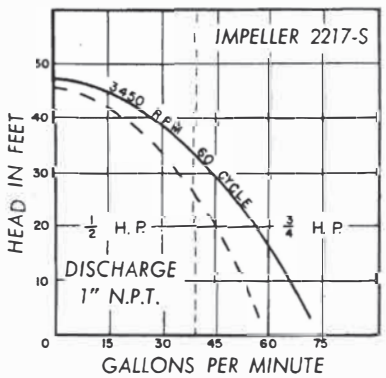
Equipped with integral mounting bracket.

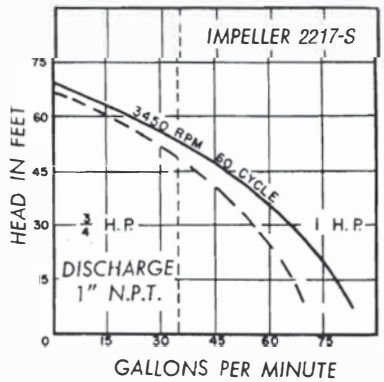
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	39 5/8	35 5/8	31 5/8	15 1/4
1/4	115/230	1	60	1725		39 3/8	35 3/8	31 3/8	15
1/2	230/460	3	60	3450		39 3/8	35 3/8	31 3/8	15
1/2	115/230	1	60	3450	56 TEFC	39 3/8	35 3/8	31 3/8	15
3/4	230/460	3	60	3450		39 3/8	35 3/8	31 3/8	15
3/4	115/230	1	60	3450		39 3/8	35 3/8	31 3/8	15
1	230/460	3	60	3450		39 3/8	35 3/8	31 3/8	15

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



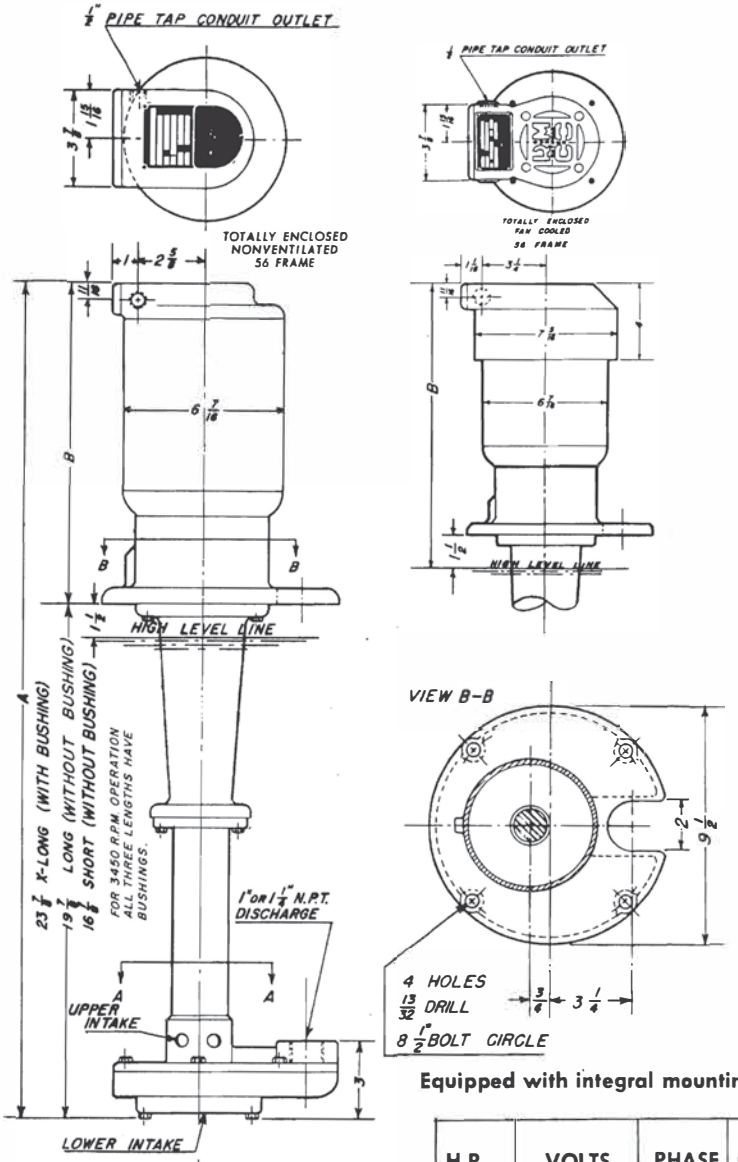




HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.



Equipped with integral mounting bracket

MODEL

GUSHER® RL-25

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model RL-25 X-Long, Long or Short
- Impeller 2218 or 2216-K
- Size of Discharge 1″ or 1 ¼″
- Motor Horse Power and Current Characteristics

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

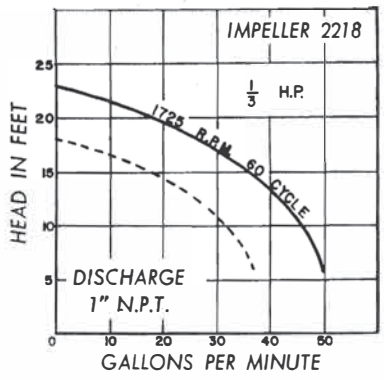
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

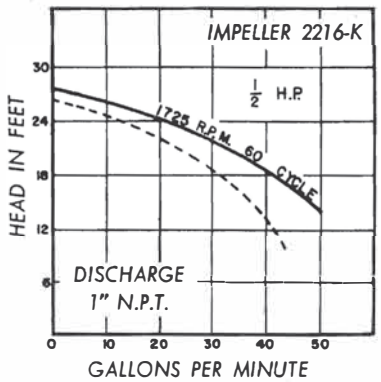
Other current characteristics available.

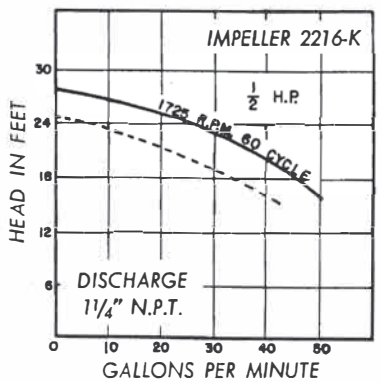
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/3	230/460	3	60	1725	56 TENV	39 1/8	35 1/8	32 1/8	15 1/4
1/3	115/230	1	60	1725		38 7/8	34 7/8	31 7/8	15
1/2	230/460	3	60	1725		38 7/8	34 7/8	31 7/8	15
1/2	115/230	1	60	1725	56 TEFC	38 7/8	34 5/8	31 7/8	15

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

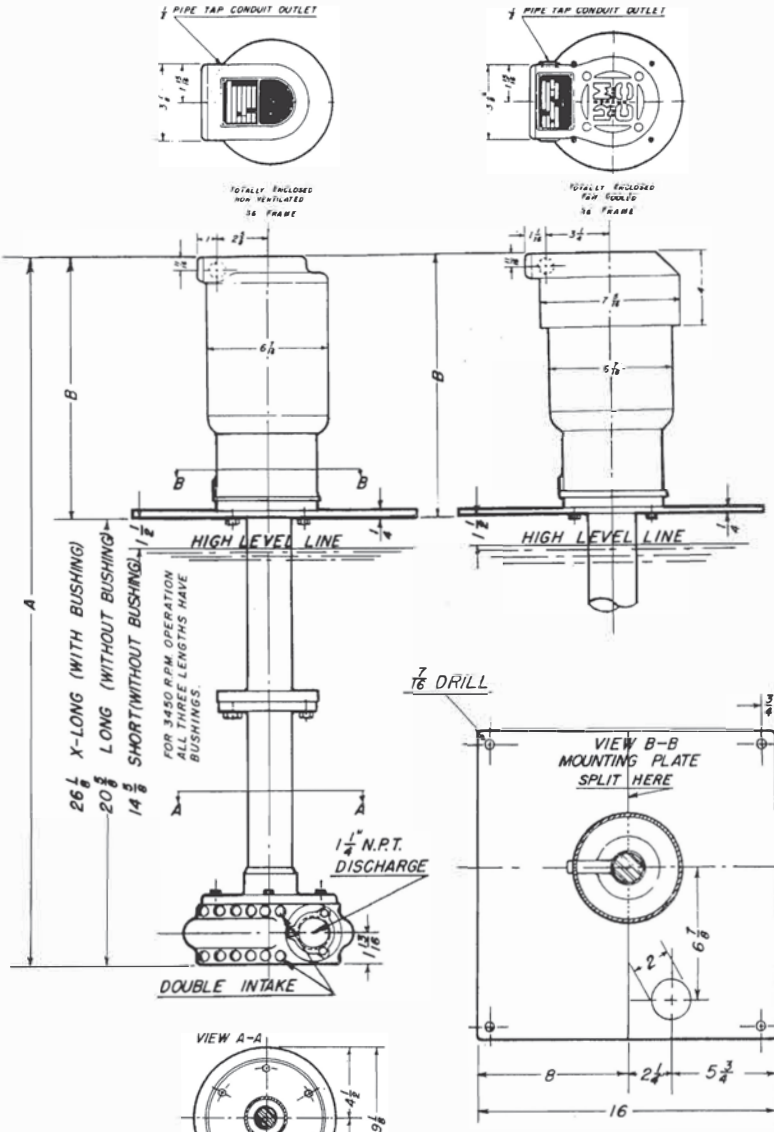
SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 29718

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

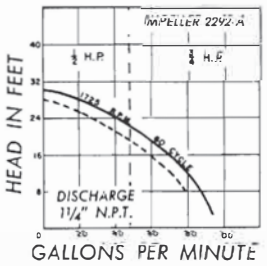


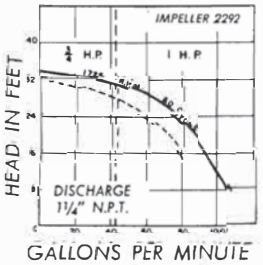
WHEN ORDERING SPECIFY

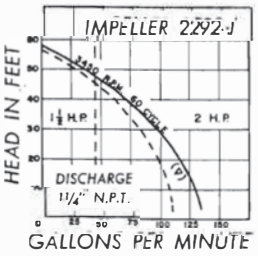
- Model 29718 X-Long, Long or Short
- Impeller 2292-ETN or 2681-B
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.







Mounting Plate Supplied Unless Otherwise Specified

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
½	230/460	3	60	1725	56 TENV	42⅜	36⅞	30⅞	16¼
½	115/230	1	60	1725	56 TEFC	42⅛	36⅝	30⅝	16
¾	230/460	3	60	1725	56 TENV	42⅜	36⅞	30⅞	16¼
¾	115/230	1	60	1725	56 TEFC	42⅛	36⅝	30⅝	16
1	230/460	3	60	1725		42	36½	30½	15⅞
1½	230/460	3	60	3450		42	36½	30½	15⅞
2	230/460	3	60	3450		43	37⅝	31⅝	17

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

Head & Gallons Per Minute Measured at the Discharge.

Solid Line ═══ Soluble Coolant, 72°F.

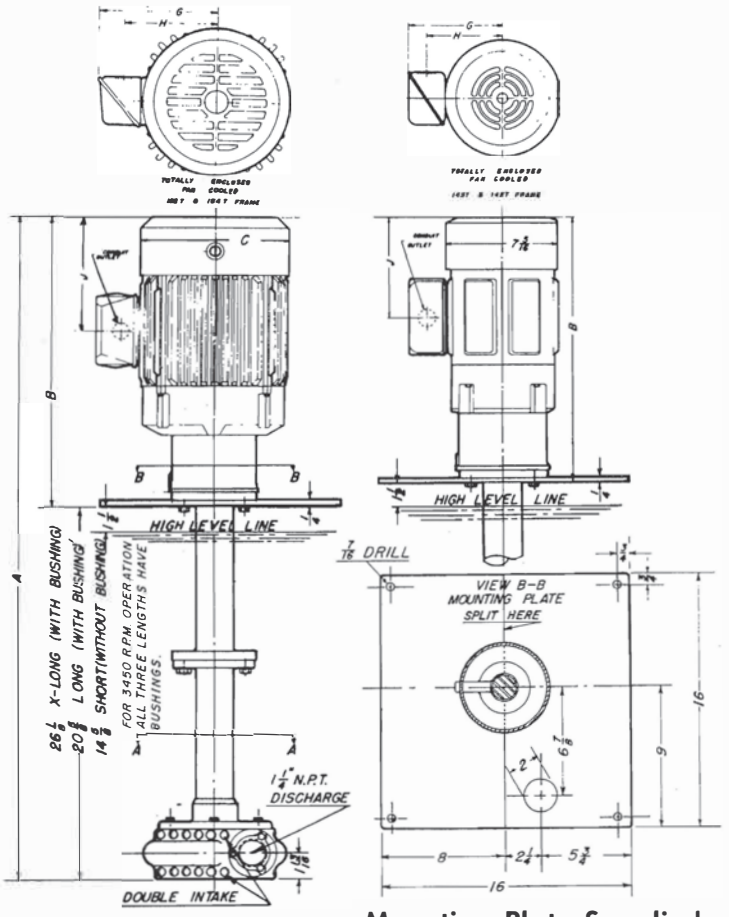
Broken Line - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 29718

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model 29718 or 29718-BB, X-Long, Long or Short
- Impeller 2292, 2292C, 2292-G, 2292-H, 2292-J, 2041-S or 2041-T
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

If 60 cycle performance is desired for 50 cycle operation specify impeller (△) 2292-G; Motor must be wound specifically for 50 cycle.

If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2292-C. Motor must be wound specifically for 50 cycle.

Mounting Plate Supplied Unless Otherwise Specified

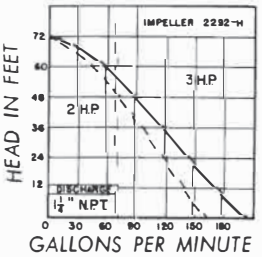
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	145T TEFC	42	36½	30½	15⅞	7 5/16	5¾	4 9/16	6¼
1½	230/460	3	60	3450	145T TEFC	42	36½	30½	15⅞	7 5/16	5¾	4 9/16	6¼
2	230/460	3	60	3450	145T TEFC	43	37⅝	31⅝	17	7 5/16	5¾	4 9/16	6¼
3	230/460	3	60	3450	145T TEFC	43¾	38⅜	32⅜	17¾	7 5/16	5¾	4 9/16	6¼
5	230/460	3	60	3450	145T TEFC	45⅛	39⅝	33⅝	19	7 5/16	5¾	4 9/16	6¼
7½*	230/460	3	60	3450	213T TEFC	47⅛	41⅝	35⅝	21	10⅞	9⅛	7⅛	8⅛
10*	230/460	3	60	3450	215T TEFC	47⅛	41⅝	35⅝	21	10⅞	9⅛	7⅛	8⅞
15*	230/460	3	60	3450	254T-C TEFC	47⅞	42⅜	36⅜	21¾	13	10 1/16	8 1/16	10⅜

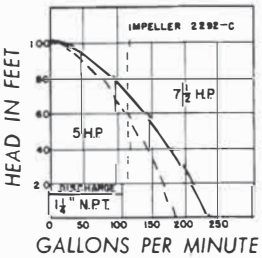
*MODEL 29718-BB (7½ H.P. IS ALSO FURNISHED AS A STANDARD 29718).

A & B dimensions vary slightly with motor manufacturers.

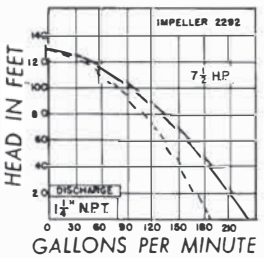
3450 R.P.M.



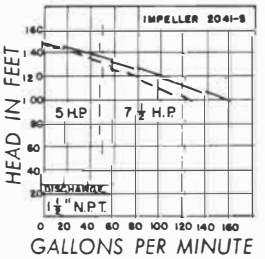
3450 R.P.M.



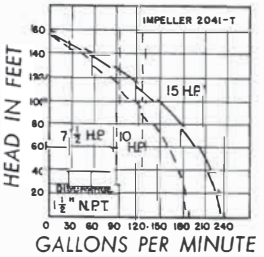
3450 R.P.M.



29718BB
3450 R.P.M.



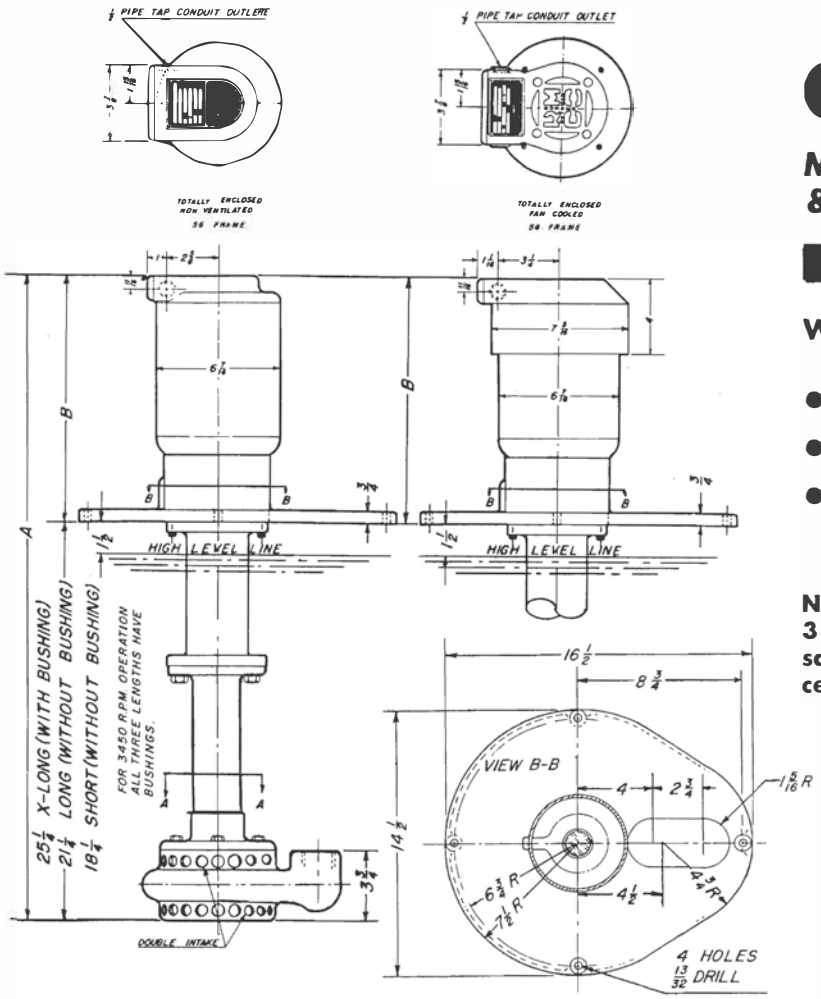
29718BB
3450 R.P.M.

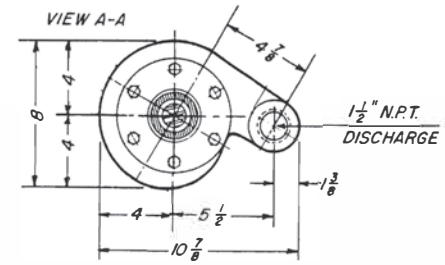


HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.





Equipped with integral mounting bracket.

MODEL

GUSHER® 23D-26

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model 23D-26 X-Long, Long or Short
- Impeller 2136, 3530-BU or 3533
- Motor Horse Power and Current Characteristics

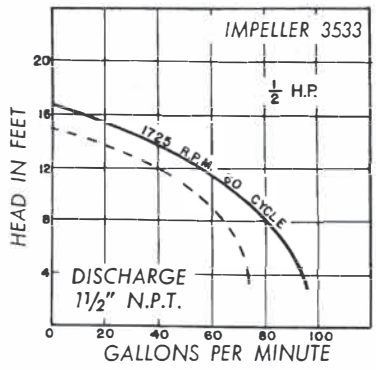
NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

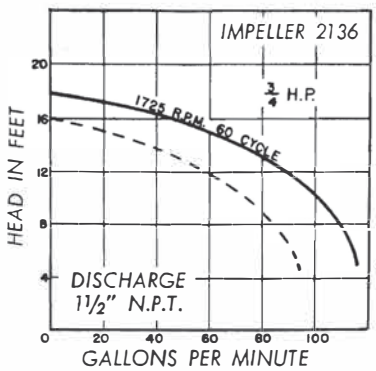
Other current characteristics available.

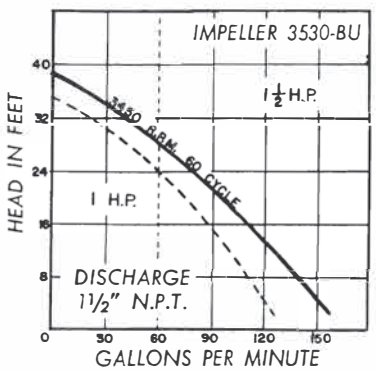
DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
½	230/460	3	60	1725	56 TENV	40½	36½	33½	15¼
½	115/230	1	60	1725	56 TEFC	40¼	36¼	33¼	15
¾	230/460	3	60	1725	56 TENV	40½	36½	33½	15¼
¾	115/230	1	60	1725	56 TEFC	40¼	36¼	33¼	15
1	230/460	3	60	3450		40¼	36¼	33¼	15
1½	230/460	3	60	3450		40¼	36¼	33¼	15

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS







HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

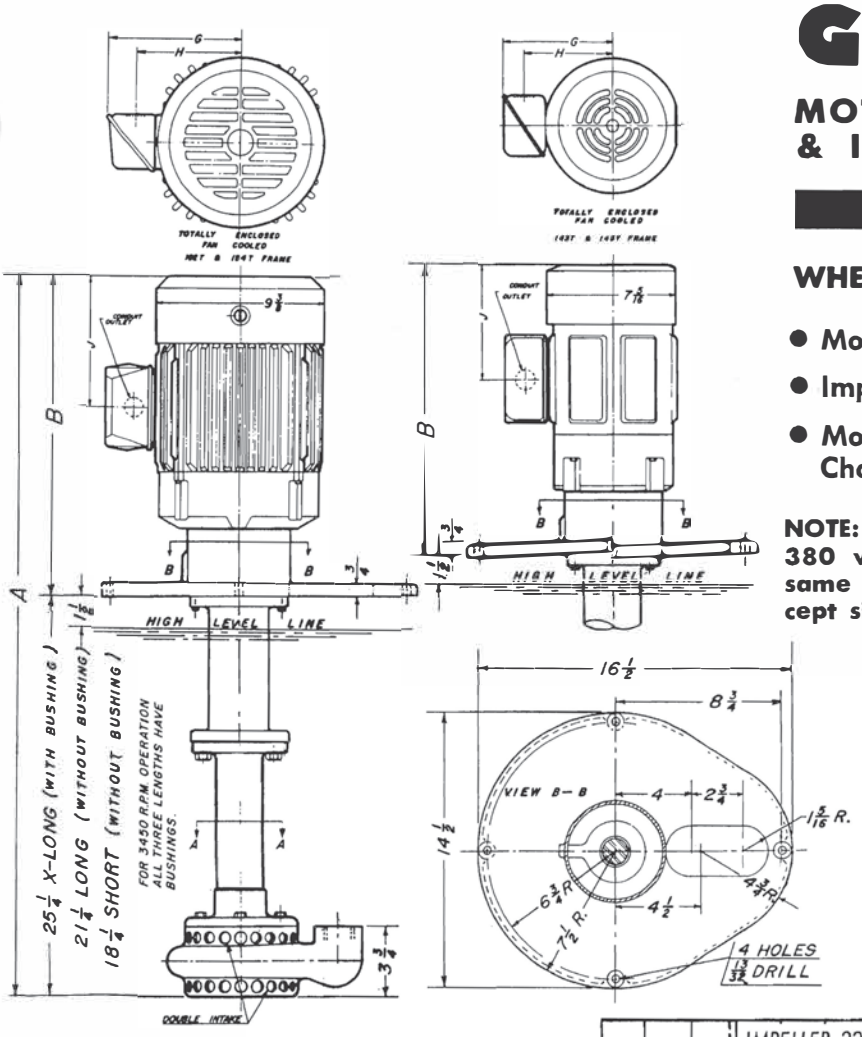
SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 23D-26

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

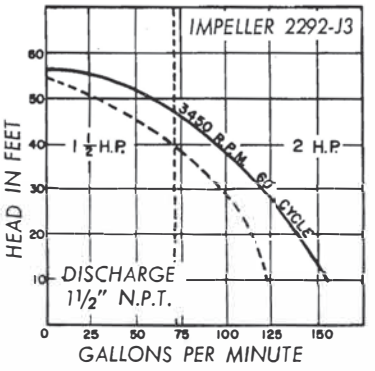


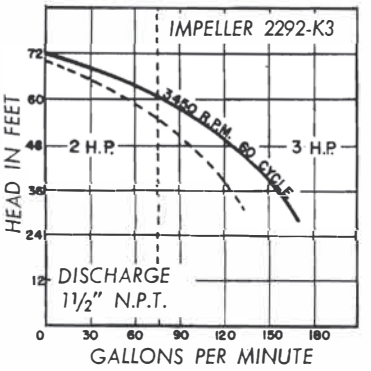
WHEN ORDERING SPECIFY

- Model 23D-26 X-Long, Long or Short
- Impeller 2292-K3 or 2292-J3
- Motor Horse Power & Current Characteristics

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.





HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

DIMENSIONS IN INCHES

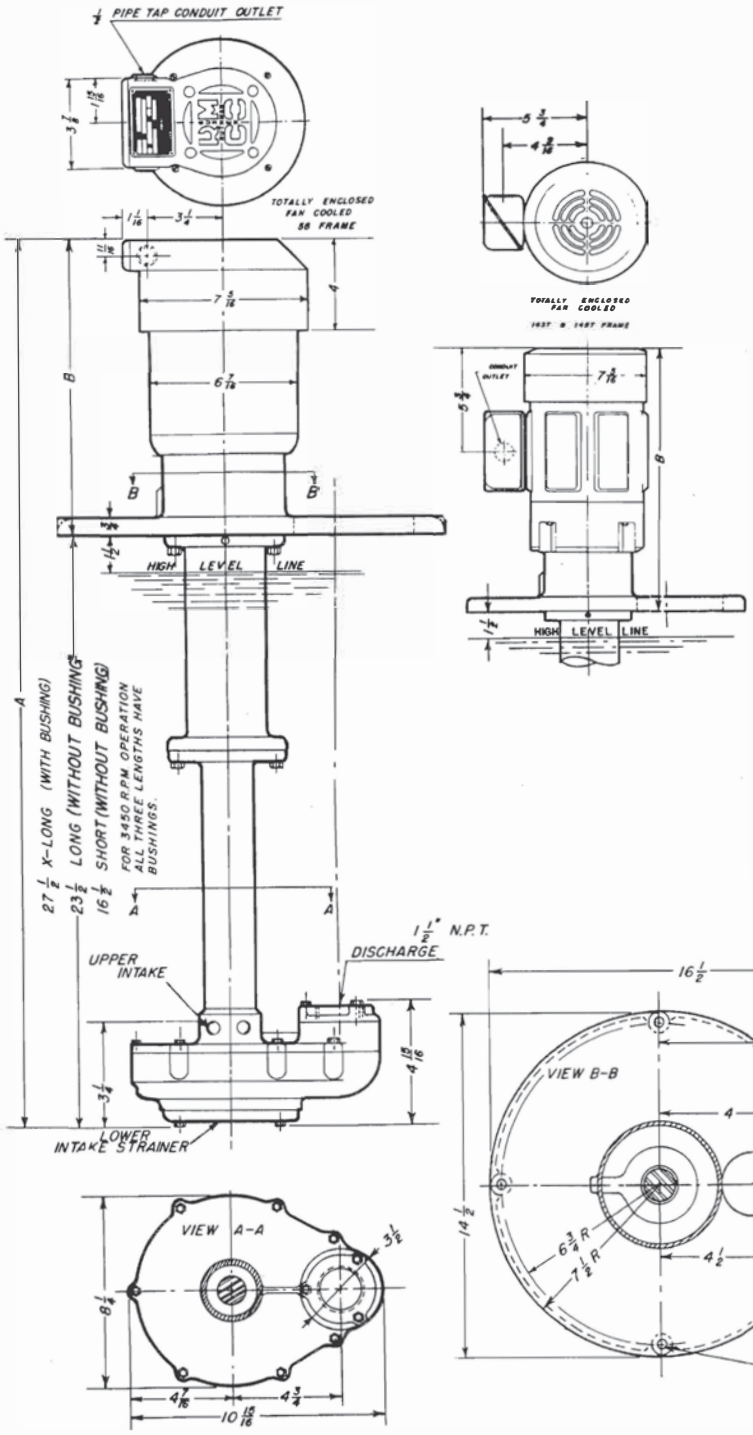
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1½	230/460	3	60	3450	145T TEFC	40¼	36¼	33¼	15	7 5/16	5¾	4 9/16	6¼
2	230/460	3	60	3450	145T TEFC	41⅛	37⅛	34⅛	15⅞	7 5/16	5¾	4 9/16	6¼
3	230/460	3	60	3450	145T TEFC	42	38	35	16¾	7 5/16	5¾	4 9/16	6¼

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

MODEL

GUSHER® BL-26

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



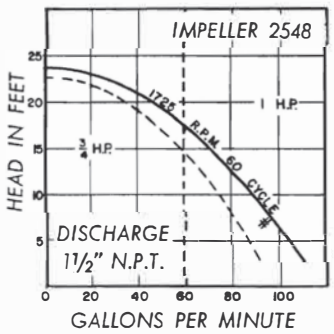
WHEN ORDERING SPECIFY

- Model BL-26 X-Long, Long or Short
- Impeller 2548
- Motor Horse Power and Current Characteristics

Other current characteristics available.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2185; Motor must be wound specifically for 50 cycle.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

Broken Line - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

Equipped with integral mounting bracket.

DIMENSIONS IN INCHES

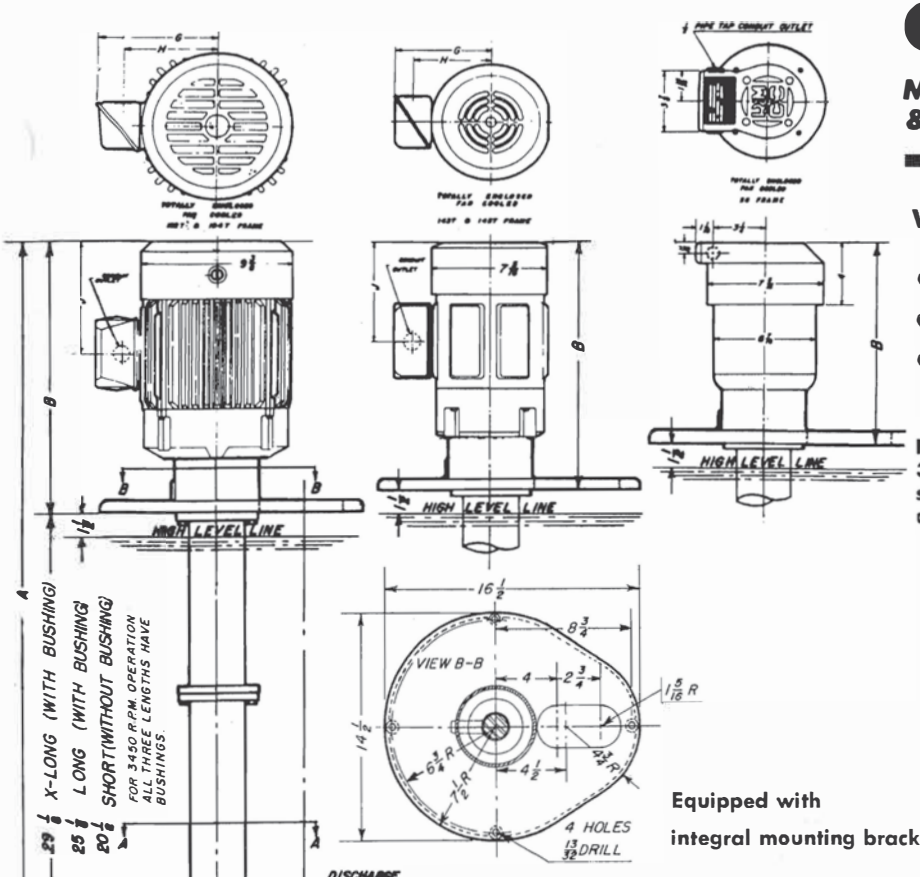
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
3/4	230/460	3	60	1725	56 TENV	42⅜	38⅜	31⅜	14⅞
3/4	115/230	1	60	1725	56 TEFC				
1	230/460	3	60	1725					
1	230/460	3	60	1725	145T TEFC	42⅜	38⅜	31⅜	14⅞

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

MODEL

GUSHER® CML-26

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model CML-26 X-Long, Long or Short
- Impeller 2041, 2041-B, 2041-G or 2746
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

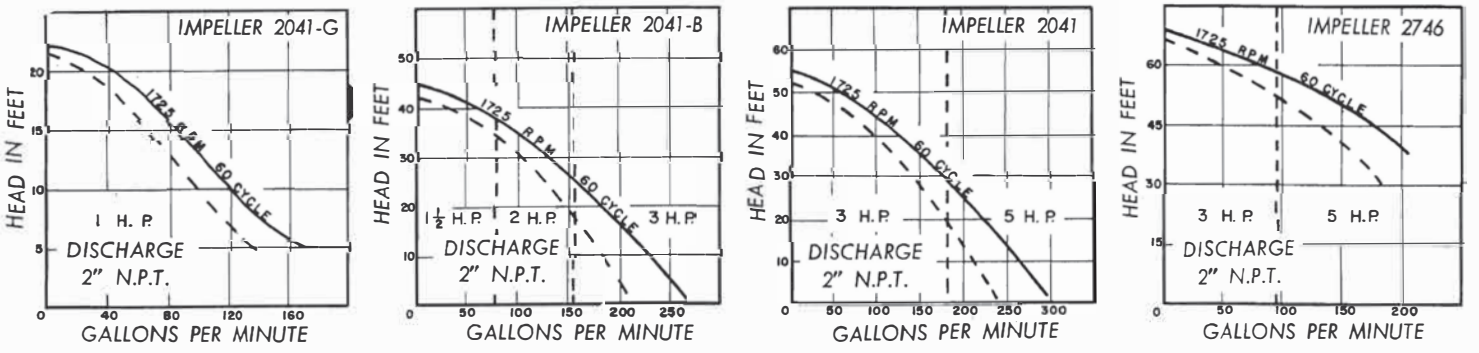
Other current characteristics available.

Equipped with integral mounting bracket.

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	56 TEFC	44	40	35	14 7/8	.....	.....	.....	.....
1	230/460	3	60	1725	145T TEFC	44	40	35	14 7/8	7 3/16	5 1/4	4 5/16	6 1/4
1 1/2	230/460	3	60	1725	56 TEFC	44	40	35	14 7/8	.....	.....	.....	.....
1 1/2	230/460	3	60	1725	145T TEFC	44	40	35	14 7/8	7 3/16	5 1/4	4 5/16	5 3/4
2	230/460	3	60	1725	56 TEFC	45	41	36	15 7/8	.....	.....	.....	.....
2	230/460	3	60	1725	145T TEFC	45	41	36	15 7/8	7 3/16	5 1/4	4 5/16	6 1/4
3	230/460	3	60	1725	145T TEFC	46	42	37	16 7/8	7 3/16	5 1/4	4 9/16	6 1/4
5	230/460	3	60	1725	184T TEFC	47 1/2	43 1/2	38 1/2	18	9 3/4	7 1/4	5 1/4	7 5/16

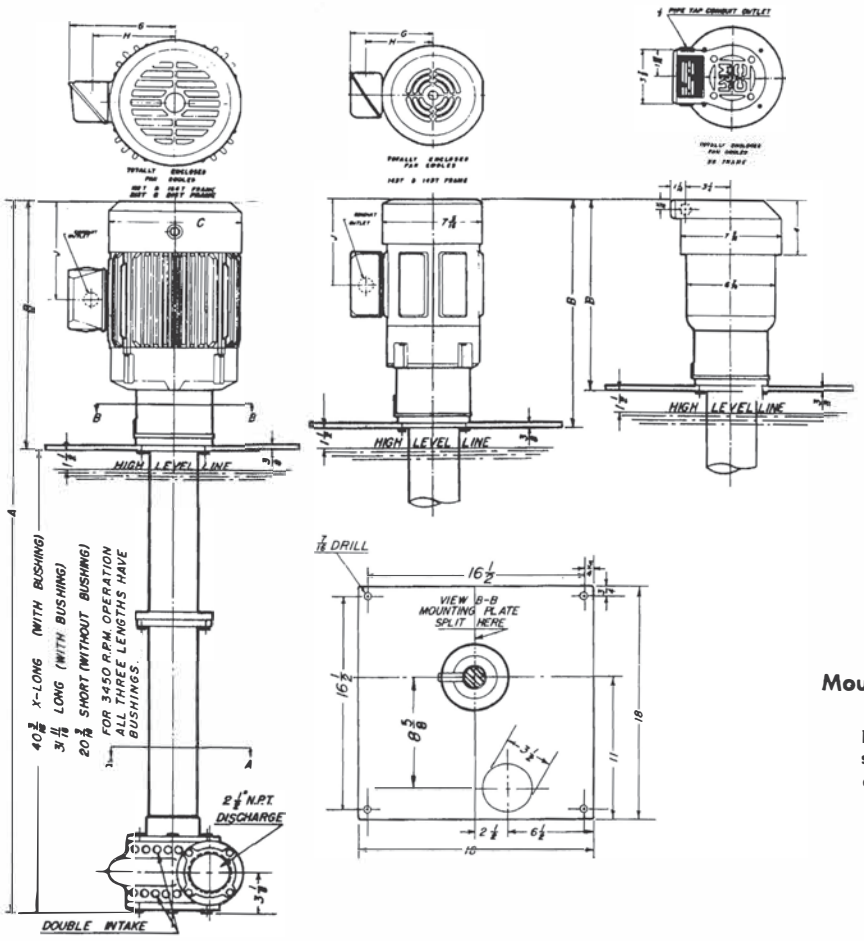
A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% tor a given G.P.M. except when a 50 Cycle Impeller is indicated.



MODEL

GUSHER® 25818

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model 25818 X-Long, Long or Short
- Impeller 2191, 2191-A, 2191-D or 2191-DVN
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

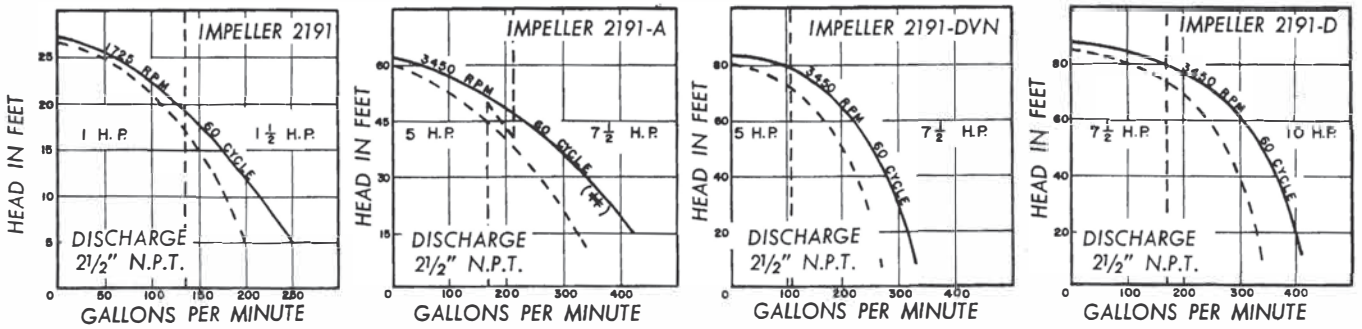
Mounting Plate Supplied Unless Otherwise Specified

If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2191: Motor must be wound specifically for 50 cycle.

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	56 TEFC	56 1/16	47 9/16	36 3/4	15 7/8	.....	.....	.....	.....
1	230/460	3	60	1725	145T TEFC	56 1/16	47 9/16	36 3/4	15 7/8	7 5/16	5 3/4	4 9/16	6 1/4
1½	230/460	3	60	1725	56 TEFC	56 1/16	47 9/16	36 3/4	15 7/8	.....	.....	.....	.....
1½	230/460	3	60	1725	145T TEFC	56 1/16	47 9/16	36 3/4	15 7/8	7 5/16	5 3/4	4 9/16	6 1/4
3	230/460	3	60	3450	145T TEFC	57 15/16	49 7/16	37 15/16	17 3/4	7 5/16	5 3/4	4 9/16	6 1/4
5	230/460	3	60	3450	145T TEFC	59 3/16	50 11/16	39 15/16	19	7 5/16	5 3/4	4 9/16	6 1/4
7½	230/460	3	60	3450	213T TEFC	60 11/16	52 3/16	40 11/16	20 1/2	10 7/8	9 1/8	7 1/8	8 1/8
10	230/460	3	60	3450	215T TEFC	60 15/16	52 5/16	40 15/16	20 3/4	10 7/8	9 1/8	7 1/8	8 1/8

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 26918

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

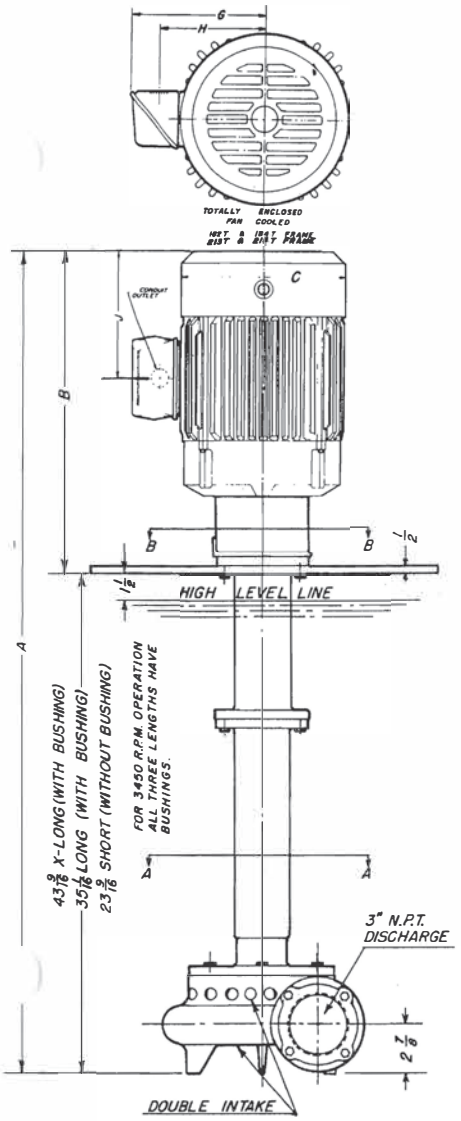
WHEN ORDERING SPECIFY

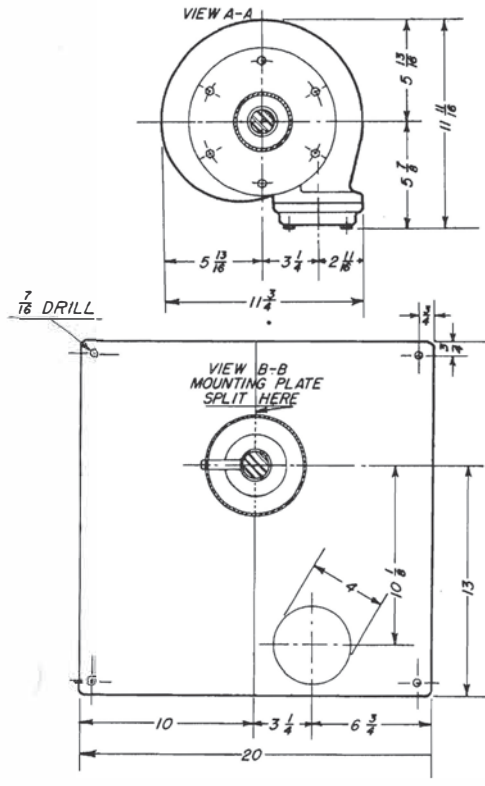
- Model 26918 X-Long, Long or Short
- Impeller 6220, 6220-B, 6220-C, 6220-F or 6220-G
- Motor Horse Power & Current Characteristics

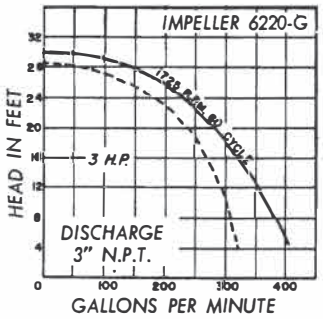
Other current characteristics available.

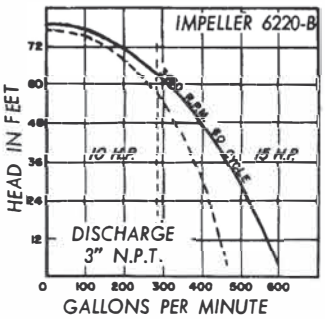
NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

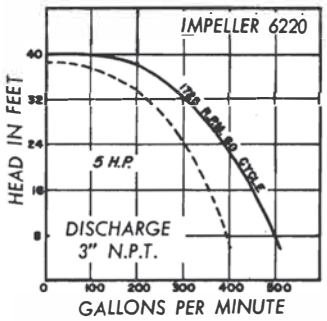
Mounting Plate Supplied Unless Otherwise Specified

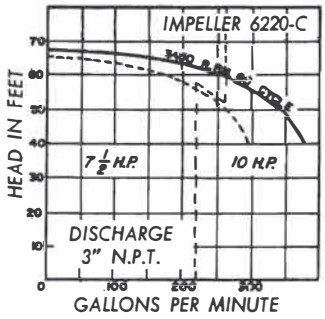


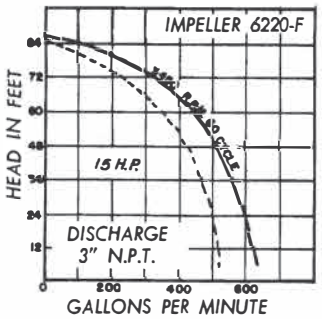












HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ——— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

DIMENSIONS IN INCHES

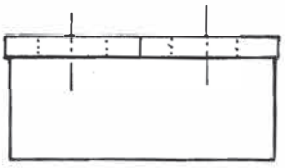
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
3	230/460	3	60	1725	145T TEFC	61 15/16	52 13/16	41 5/16	17 3/4	7 5/16	5 3/4	4 9/16	6 1/4
5	230/460	3	60	1725	184T TEFC	62 9/16	54 1/16	52 9/16	19	9 3/8	7 1/4	5 3/4	7 5/16
7 1/2	230/460	3	60	3450	213T TEFC	64 1/16	55 9/16	54 1/16	20 1/2	10 3/8	9 1/8	7 1/8	8 1/8
10	230/460	3	60	3450	215T TEFC	64 5/16	55 13/16	54 5/16	20 3/4	10 3/8	9 1/8	7 1/8	8 1/8
15	230/460	3	60	3450	254T-C TEFC	65 5/16	56 13/16	55 5/16	21 3/4	13	10 1/16	8 1/16	10 3/16

A & B dimensions vary slightly with motor manufacturers.

GUSHER®

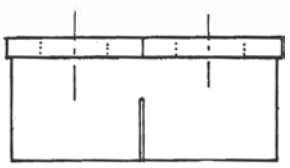
TANK UNITS AND ACCESSORIES

FIG. 1



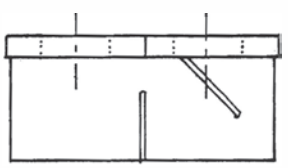
NO BAFFLE

FIG. 2



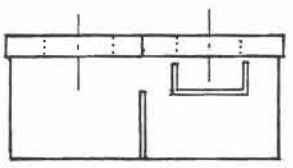
1 BAFFLE

FIG. 3



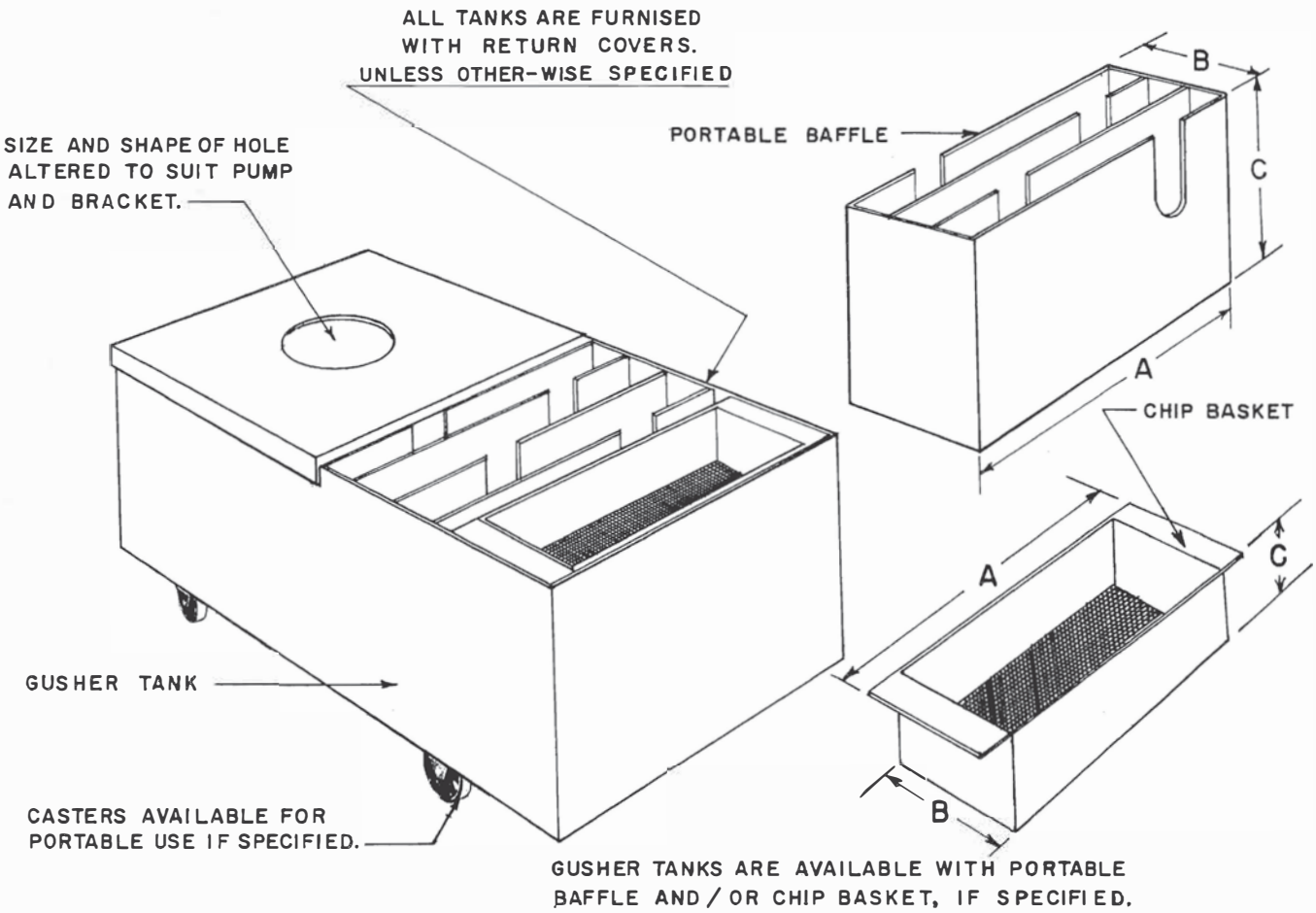
2 BAFFLES

FIG. 4



1 BAFFLE
1 SETTLING TRAY

TANK UNITS AND ACCESSORIES



GUSHER TANKS ARE AVAILABLE WITH PORTABLE BAFFLE AND / OR CHIP BASKET, IF SPECIFIED.

CHIP BASKET NUMBER	TANK CAPACITY	A	B	C
CB-10	10	11½"	8"	6"
CB-16	16	11¾"	10"	6"
CB-32	32	14½"	10"	6"
CB-50	50	21⅜"	10"	6"
CB-80	80, 100, 150, 200	27½"	14"	6"

FOR EASY REMOVAL OF ACCUMULATED CHIPS AND GRIT AN OPTIONAL CHIP BASKET CAN BE FURNISHED.

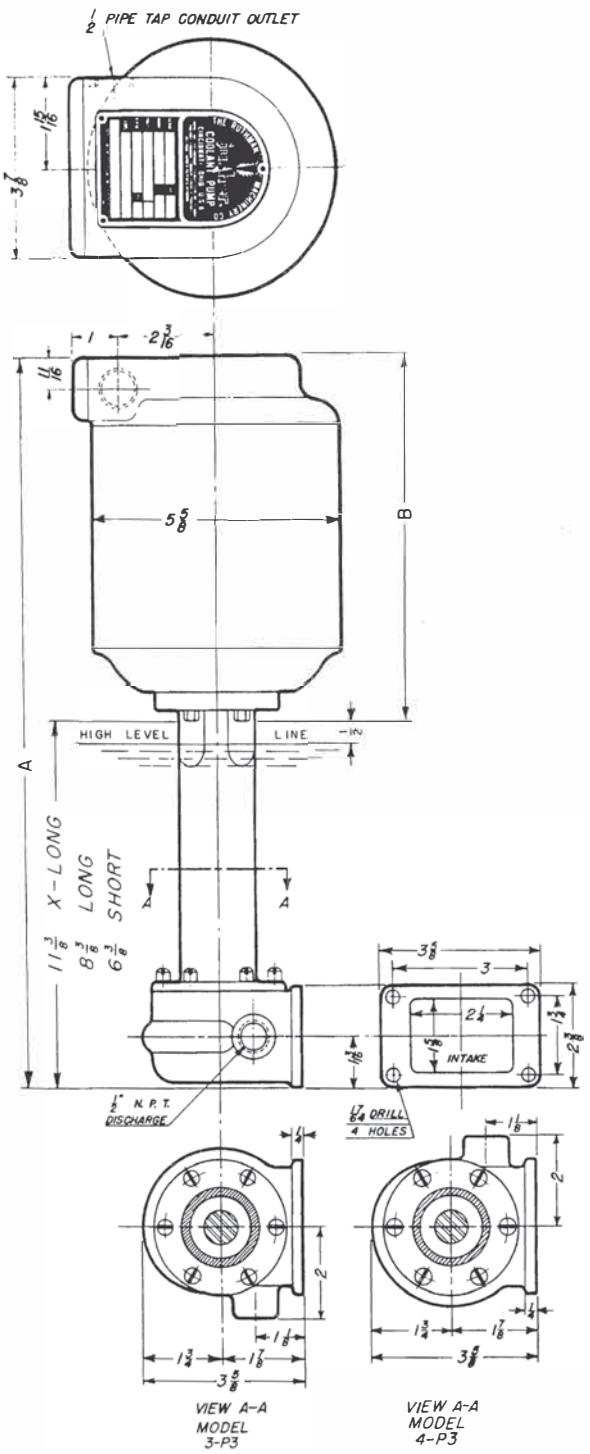
PORTABLE BAFFLE NUMBER	TANK CAPACITY	A	B	C
B-16A	16	13⅞"	7"	9"
B-32	32	14⅝"	9"	14"
B-50	50	21⅜"	11"	14"
B-80	80, 100	27⅝"	12"	14"
B-150	150, 200	27⅝"	12"	23½"

A PORTABLE BAFFLE SETTLES OUT PRACTICALLY ALL CHIPS AND GRIT FROM THE COOLANT AND ALLOWS FOR EASY REMOVAL.

MODELS

GUSHER® 3-P3 & 4-P3

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

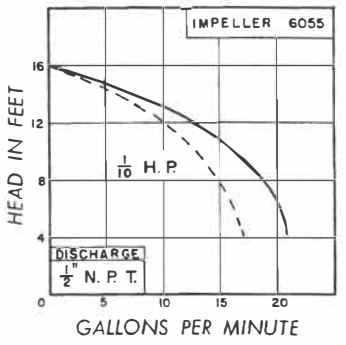
- Model 3-P3 or 4-P3 X-Long, Long or Short.
- Right Hand Discharge — 3-P3
  Left Hand Discharge — 4-P3
- Motor Horse Power and Current Characteristics

  Supplied With Plastic Impeller Standard.
  Cast Iron Available Upon Request.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

Other current characteristics available.

3450 R.P.M.



Head & Gallons per minute measured at the discharge.
Solid Line ———— Soluble Coolant, 72° F.
Broken Line - - - - - - 200 SSU Oil, 100° F.
For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

DIMENSIONS IN INCHES

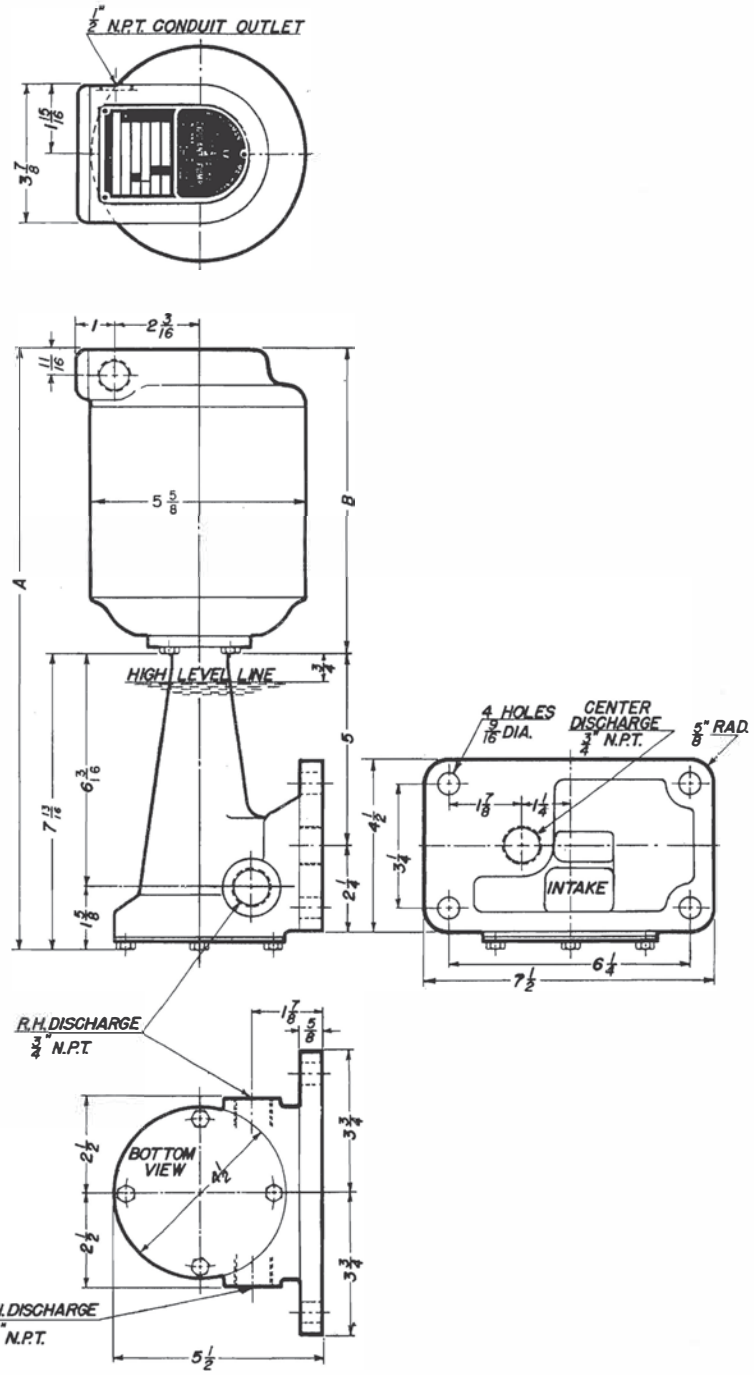
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/10	230/460	3	60	3450	48	18⅞	15⅞	13⅞	7½
1/10	115/230	1	60	3450	48	18⅞	15⅞	13⅞	7½

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

MODEL

GUSHER® 9-P3

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



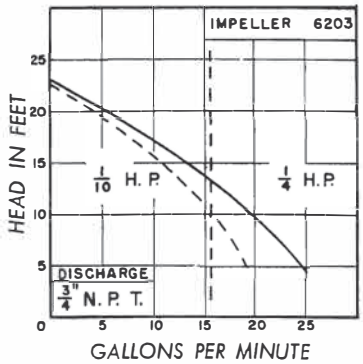
WHEN ORDERING SPECIFY

- Model 9-P3
- Right Hand, Left Hand or Center Discharge
- Motor Horse Power and Current Characteristics

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

Other current characteristics available.
Supplied With Plastic Impeller Standard.
Cast Iron Available Upon Request.

3450 R.P.M.

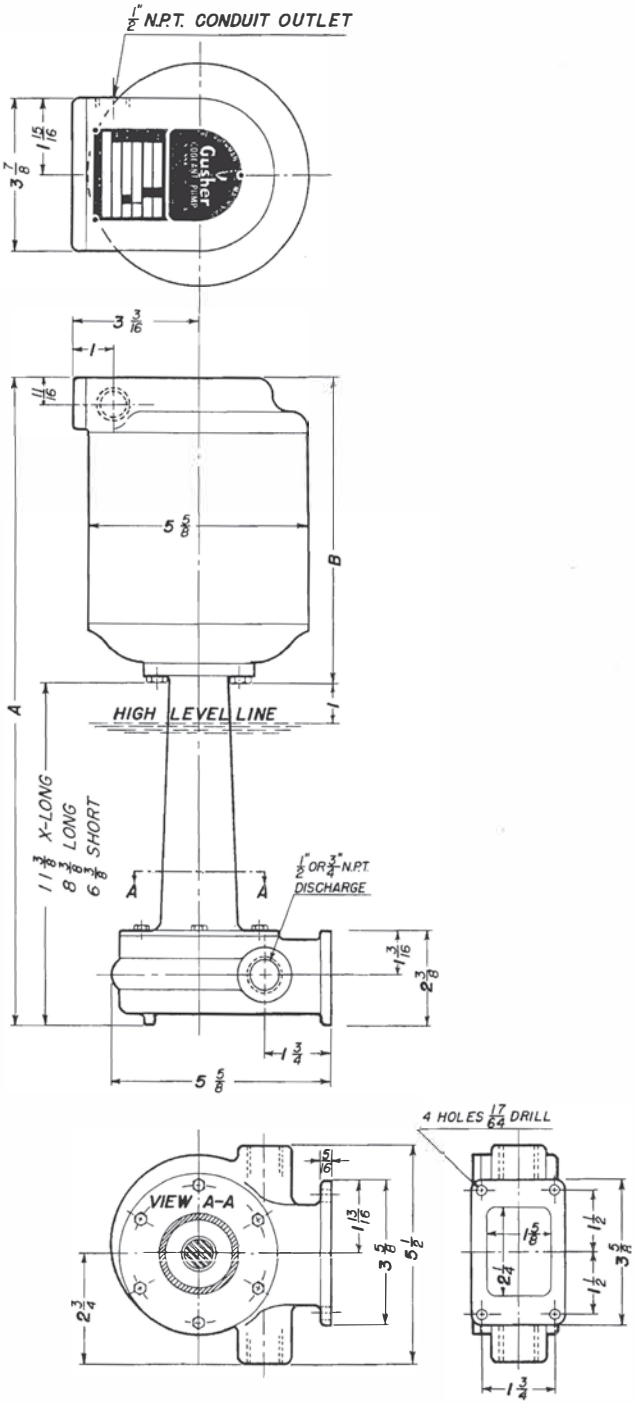


Head & Gallons per minute measured at the discharge.
Solid Line ———— Soluble Coolant, 72° F.
Broken Line - - - - - - 200 SSU Oil, 100° F.
For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A	B
1/10	230/460	3	60	3450	48	15 5/16	7 1/2
1/10	115/230	1	60	3450	48	15 5/16	7 1/2
1/4	230/460	3	60	3450	48	15 5/16	7 1/2
1/4	115/230	1	60	3450	48	15 5/16	7 1/2

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS



MODEL

GUSHER® 9025-K2

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

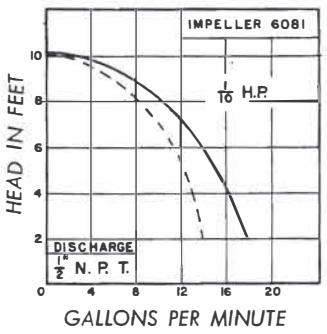
WHEN ORDERING SPECIFY

- Model 9025-K2 X-Long, Long or Short.
- Right Hand Discharge (Shown) Left Hand Discharge (Opposite)
- Impeller 6081 or 6081-A
- Motor Horse Power and Current Characteristics.

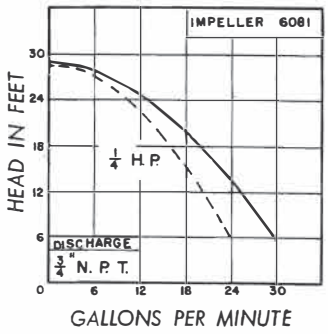
NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

1725 R.P.M.



3450 R.P.M.



Head & Gallons per minute measured at the discharge.

Solid Line ———— Soluble Coolant, 72° F.

Broken Line - - - - - - 200 SSU Oil, 100° F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/10	230/460	3	60	1725	48	18 7/8	15 7/8	13 7/8	7 1/2
1/10	115/230	1	60	1725	48	18 7/8	15 7/8	13 7/8	7 1/2
1/4	230/460	3	60	3450	48	18 7/8	15 7/8	13 7/8	7 1/2
1/4	115/230	1	60	3450	48	18 7/8	15 7/8	13 7/8	7 1/2

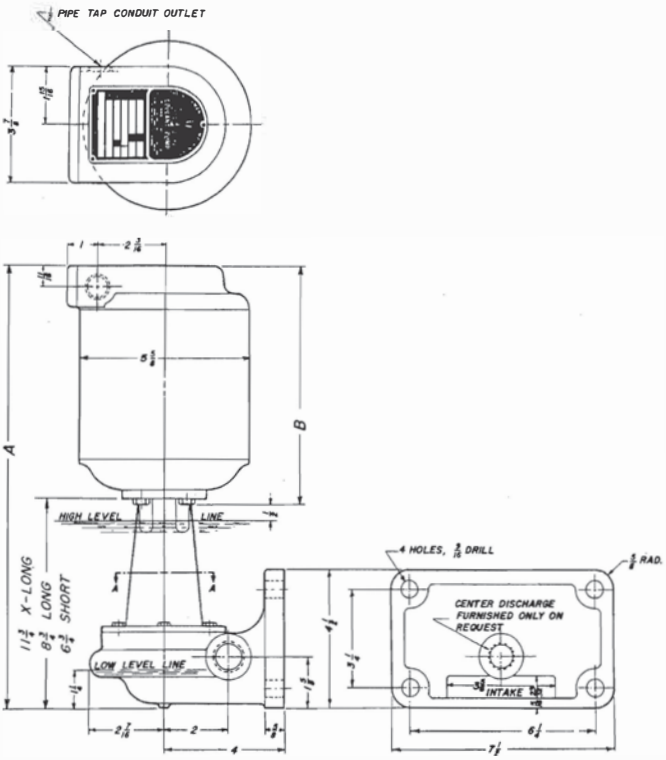
A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

Supplied With Plastic Impeller Standard.
Cast Iron Available Upon Request.

MODEL

GUSHER® 5P-4521

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



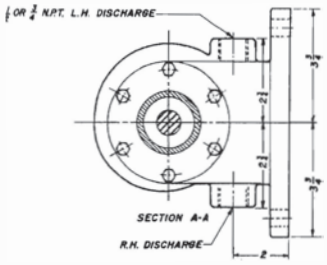
WHEN ORDERING SPECIFY

- Model 5P-4521 X-Long, Long or Short
- Impeller 6171, 6171-A or 6171-B
- Right Hand, Left Hand or Center Discharge
- Motor Horsepower and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

Other current characteristics available.

1/10 H.P. - 2850 R.P.M. — If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 6171-B; Motor must be wound specifically for 50 cycle.



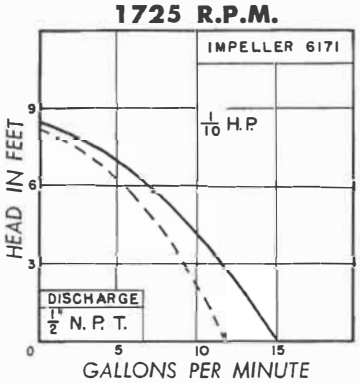
*** ½ H.P. recommended when pumping cutting oil.**

DIMENSIONS IN INCHES

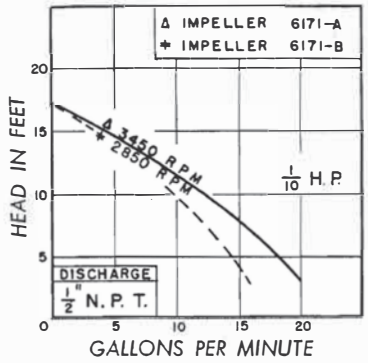
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/10	230/460	3	60	1725	48	19¼	16¼	14¼	7½
1/10	115/230	1	60	1725	48	19¼	16¼	14¼	7½
1/10	230/460	3	60	3450	48	19¼	16¼	14¼	7½
1/10	115/230	1	60	3450	48	19¼	16¼	14¼	7½
1/4	230/460	3	60	3450	48	19¼	16¼	14¼	7½
1/4	115/230	1	60	3450	48	19¼	16¼	14¼	7½
1/2*	230/460	3	60	3450	56 TENV	21 7/16	18 7/16	16 7/16	9 11/16
1/2*	115/230	1	60	3450	56 TENV	22⅜	19⅜	17⅜	10⅝

A & B dimensions vary slightly with motor manufacturers.

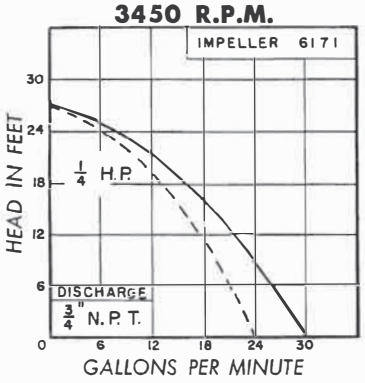
1725 R.P.M.



3450 R.P.M.



3450 R.P.M.



HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - 200 SSU Oil, 100°F.

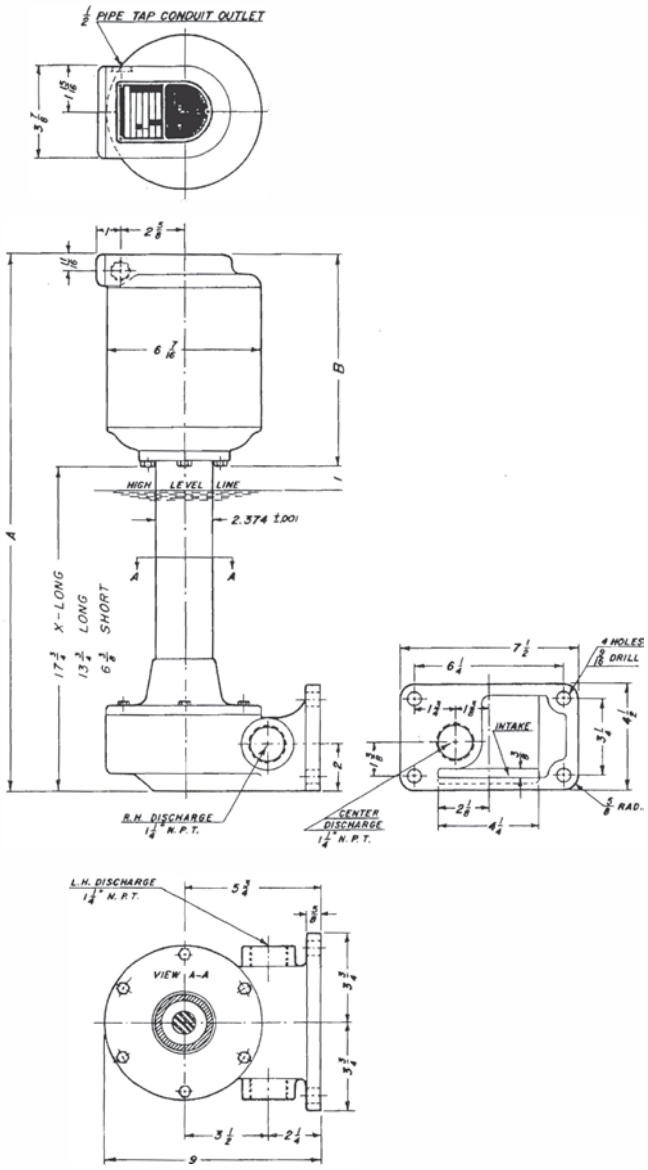
For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

Supplied With Plastic Impeller Standard.
Cast Iron Available Upon Request.

MODEL

GUSHER® H-7550

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



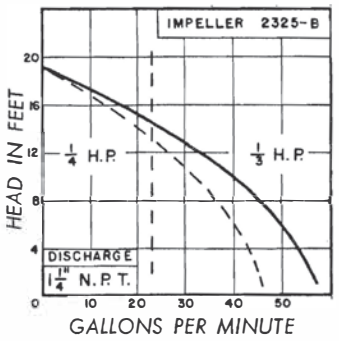
WHEN ORDERING SPECIFY

- Model H-7550 X-Long, Long or Short
- Right Hand, Left Hand or Center Discharge
- Motor Horse Power and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

1725 R.P.M.



½ H.P. recommended when pumping cutting oil.

Head & Gallons per minute measured at the discharge.

Solid Line ———— Soluble Coolant, 72° F.

Broken Line - - - - - - 200 SSU Oil, 100° F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

DIMENSIONS IN INCHES

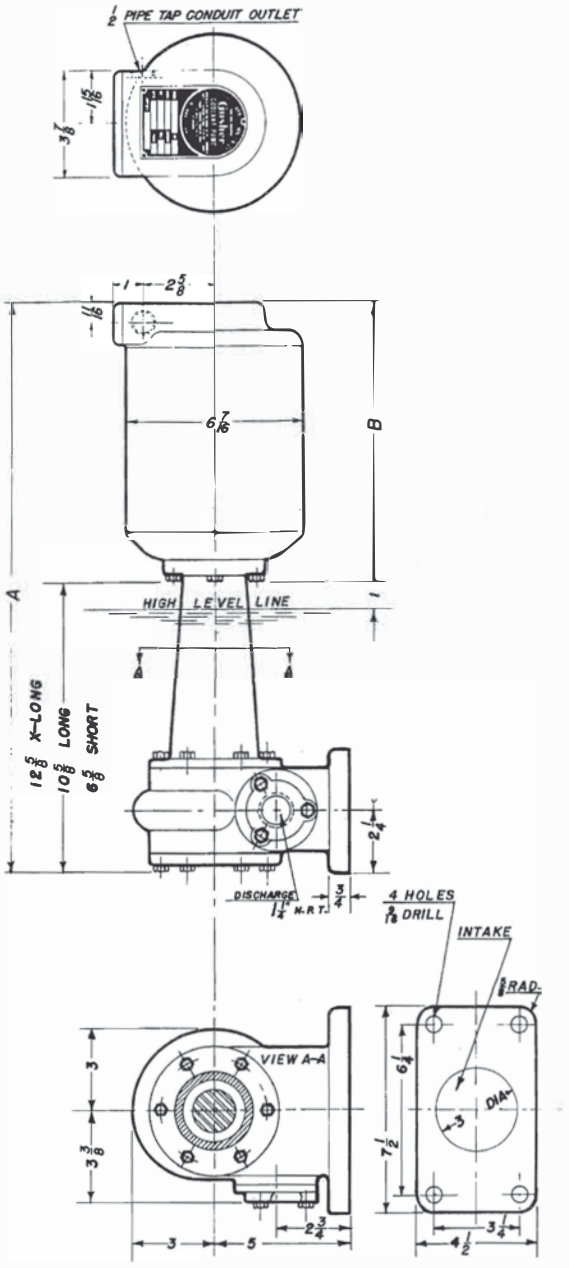
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	27⅛	23⅛	15¾	9⅜
1/4	115/230	1	60	1725	56 TEFC	25½	21½	14⅛	7¾
1/3	230/460	3	60	1725	56 TENV	27⅛	23⅛	15¾	9⅜
1/3	115/230	1	60	1725	56 TENV	28½	24½	17⅛	10¾
1/2	230/460	3	60	1725	56 TENV	27 11/16	23 11/16	16 5/16	9 15/16
1/2	115/230	1	60	1725	56 TEFC	29¼	25¼	17⅞	11½

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

MODEL

GUSHER® 11022

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



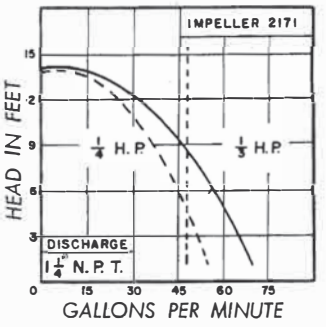
WHEN ORDERING SPECIFY

- Model 11022 X-Long, Long or Short.
- Right Hand Discharge (Shown)
  Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

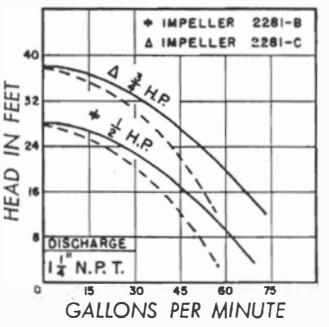
NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

1725 R.P.M.



3450 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ———— Soluble Coolant, 72° F.

Broken Line - - - - - - 200 SSU Oil, 100° F.

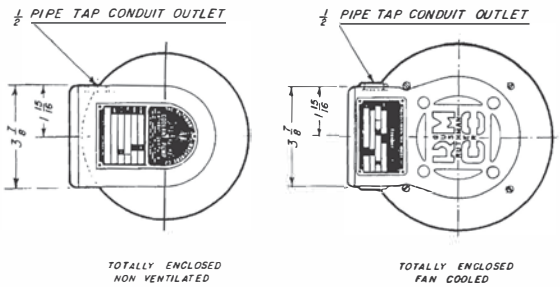
For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

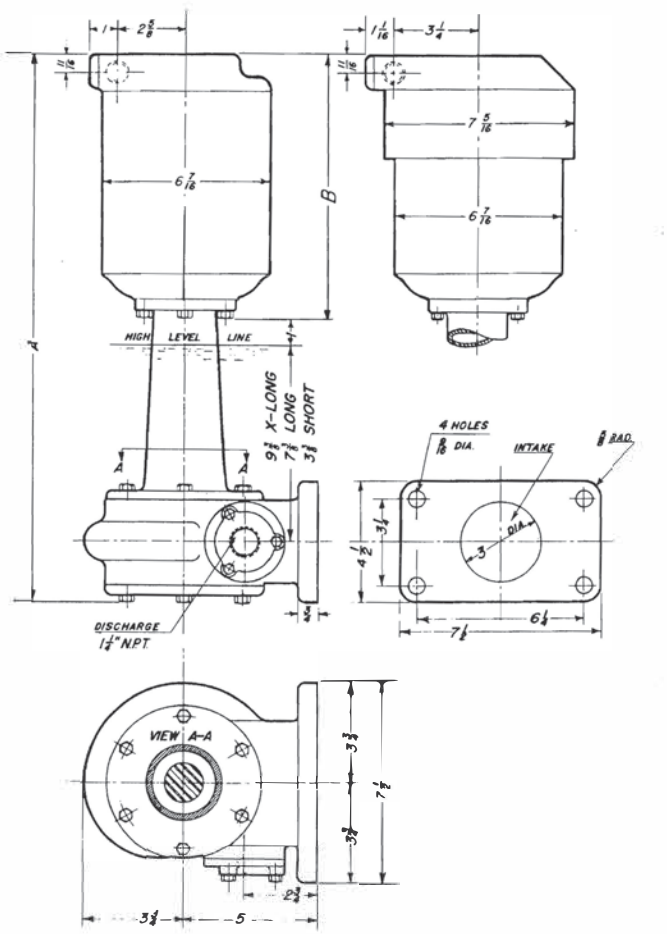
TO REVERSE DISCHARGE LOCATION SEE PAGE 178

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	22	20	16	9⅜
1/4	115/230	1	60	1725	56 TENV	20⅜	18⅜	14⅜	7¾
1/3	230/460	3	60	1725	56 TENV	22	20	16	9⅜
1/3	115/230	1	60	1725	56 TENV	23⅜	21⅜	17⅜	10¾
1/2	230/460	3	60	3450	56 TENV	22⁹⁄₁₆	20⁹⁄₁₆	16⁹⁄₁₆	9¹⁵⁄₁₆
1/2	115/230	1	60	3450	56 TENV	24⅛	22⅛	18⅛	11½
3/4	230/460	3	60	3450	56 TEFC	22½	20½	16½	9⅞
3/4	115/230	1	60	3450	56 TEFC	24⅛	22⅛	18⅛	11½

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS





MODEL

GUSHER® 11022-C

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

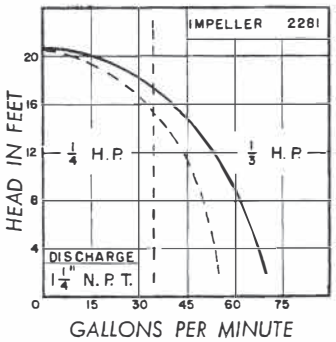
WHEN ORDERING SPECIFY

- Model 11022-C X-Long, Long or Short.
- Impeller 2281, 2281-A or 2281-C
- Right Hand Discharge (Shown) Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

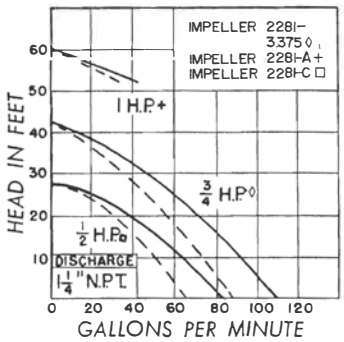
NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

1725 R.P.M.



3450 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ———— Soluble Coolant, 72° F.

Broken Line - - - - - - 200 SSU Oil, 100° F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

TO REVERSE DISCHARGE LOCATION SEE PAGE 178

DIMENSIONS IN INCHES

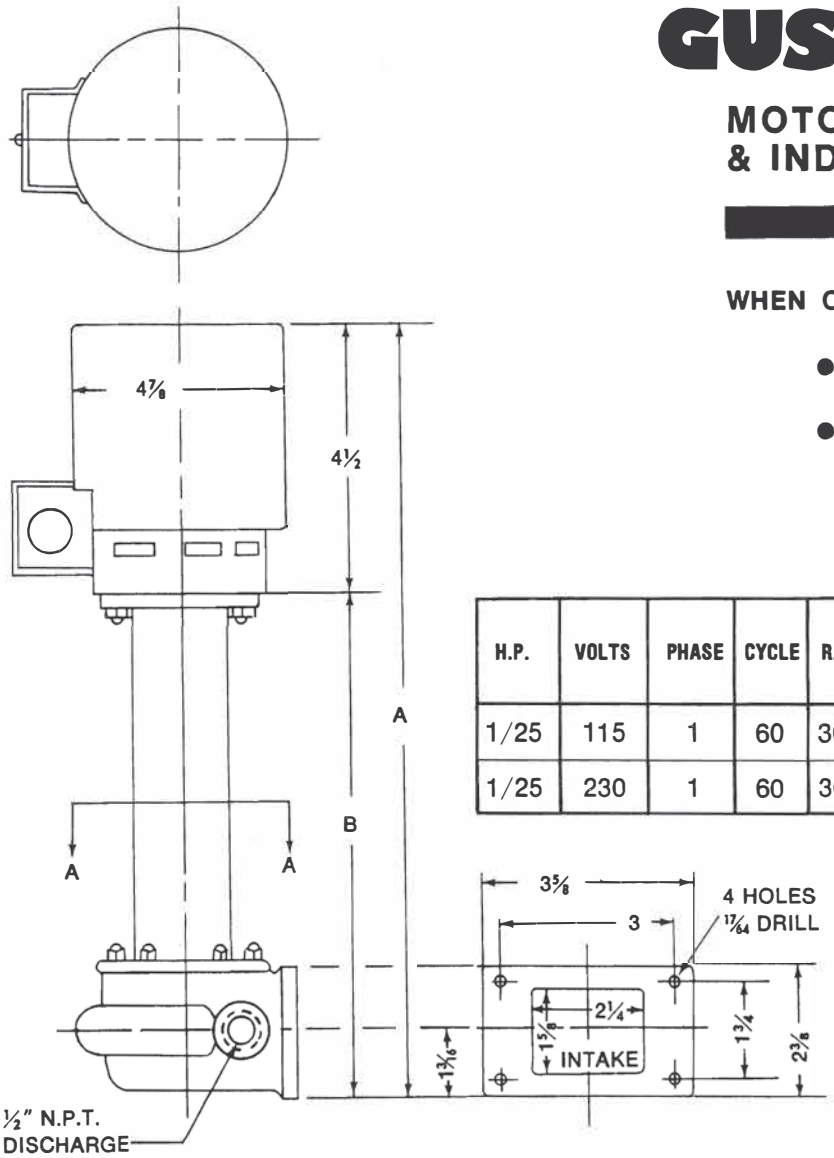
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/4	230/460	3	60	1725	56 TENV	22	20	16	9⅜
1/4	115/230	1	60	1725	56 TENV	20⅜	18⅜	14⅜	7¾
1/3	230/460	3	60	1725	56 TENV	22	20	16	9⅜
1/3	115/230	1	60	1725	56 TENV	23⅜	21⅜	17⅜	10¾
1/2	230/460	3	60	3450	56 TENV	22⁹⁄₁₆	20⁹⁄₁₆	17⁹⁄₁₆	9¹⁵⁄₁₆
1/2	115/230	1	60	3450	56 TENV	23⅜	21⅜	17⅜	10¾
3/4	230/460	3	60	3450	56 TEFC	22½	20½	16½	9⅞
3/4	115/230	1	60	3450	56 TEFC	24⅛	22⅛	18⅛	11½
1	230/460	3	60	3450	56 TEFC	24⅛	22⅛	18⅛	11½

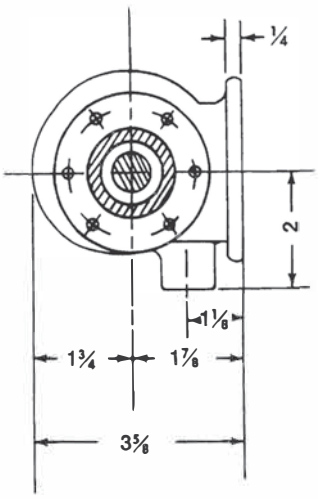
A & B dimensions vary slightly with motor manufacturers.

Supplied With Plastic Impeller Standard.
Cast Iron Available Upon Request.

GUSHER® MODEL 3-P3 MINI

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP





VIEW A-A

WHEN ORDERING SPECIFY

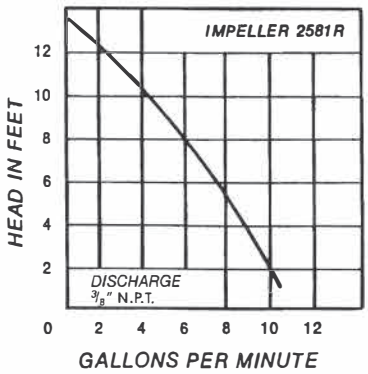
- **Model 3-P3 MINI**
- **Motor Horse Power and Current Characteristics**

  Plastic Impeller Only.

DIMENSIONS IN INCHES

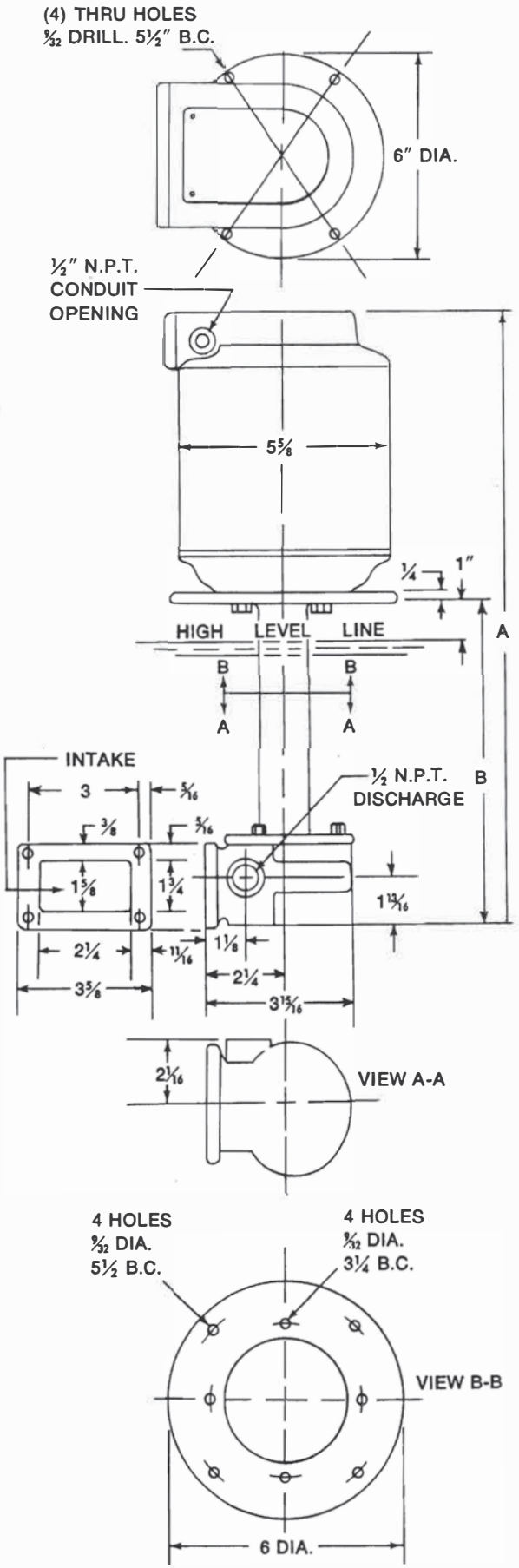
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	A			B		
					X-LONG	LONG	SHORT	X-LONG	LONG	SHORT
1/25	115	1	60	3000	14½	13½	11½	10	9	7
1/25	230	1	60	3000	14½	13½	11½	10	9	7

3000 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.



EQUIPPED WITH INTEGRAL MOUNTING FLANGE

GUSHER®

MODEL FH½.166 + 4 AND FH½.166

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

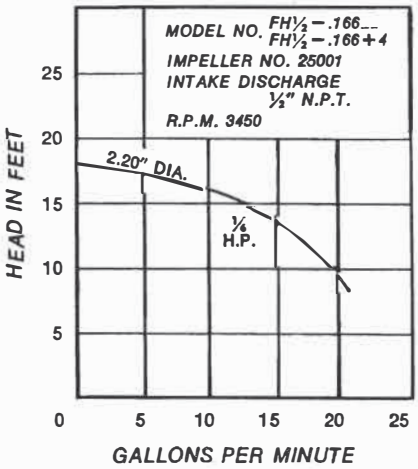
- **Model FH ½ .166 or FH ½ .166 + 4**
- **Motor Horse Power and Current Characteristics**

Supplied With Plastic Impeller Standard. Cast Iron Available Upon Request.

Dimensions in inches

MODEL	A	B	H.P.	R.P.M.
FH½ – .166	17 5/8	10½	⅙	3450
FH½ + 4 – .166	21 5/8	14½	⅙	3450

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME
⅙	230/460	3	60	3450	48 TENV.
⅙	115/230	1	60	3450	



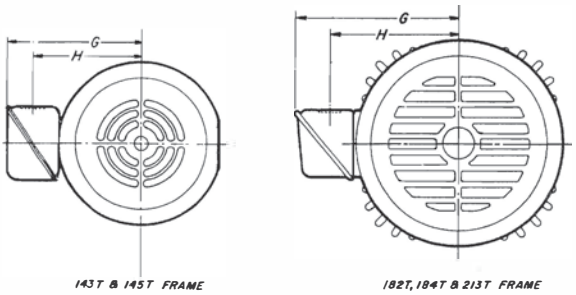
Head & Gallons Per Minute Measured at the Discharge.

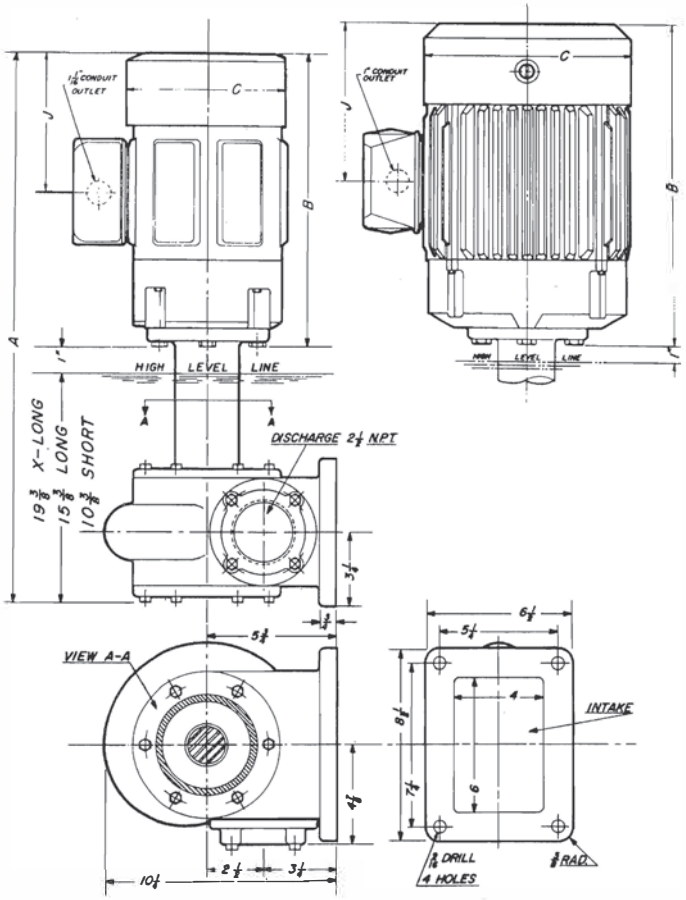
Solid Line ——— Soluble Coolant, 72°F.

MODEL

GUSHER® 11024

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP





TO REVERSE DISCHARGE LOCATION SEE PAGE 178

5 & 7½ H.P. — If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2191; Motor must be wound specifically for 50 cycle.

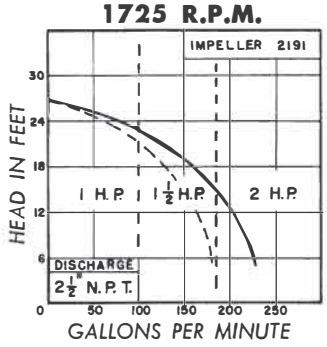
WHEN ORDERING SPECIFY

- Model 11024 X-Long, Long or Short.
- Impeller 2191, 2191-A or 2191-D.
- Right Hand Discharge (Shown) Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

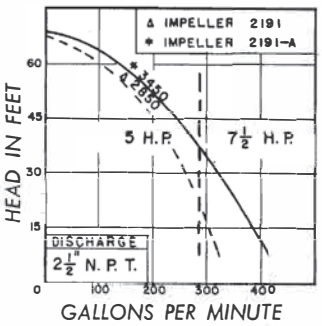
NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

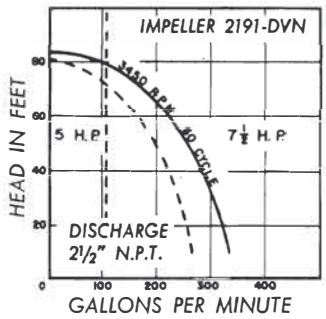
1725 R.P.M.



3450 R.P.M.



3450 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72° F.

Broken Line - - - - - 200 SSU Oil, 100° F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

DIMENSIONS IN INCHES

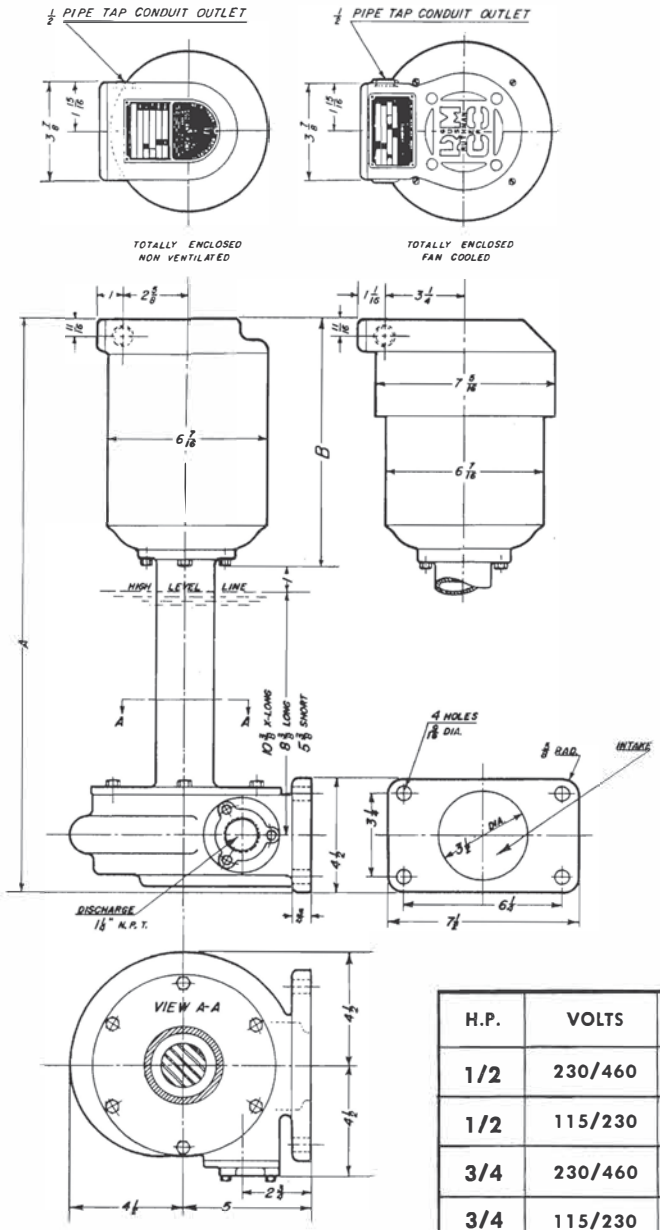
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	145T TEFC	31¾	27¾	22¾	11⅜	7 5/16	5¾	4 9/16	6¼
1½	230/460	3	60	1725	145T TEFC	31¾	27¾	22¾	11⅜	7 5/16	5¾	4 9/16	6¼
2	230/460	3	60	1725	145T TEFC	32¾	28¾	23¾	12⅜	7 5/16	5¾	4 9/16	6¼
5	230/460	3	60	3450	145T TEFC	34⅞	30⅞	25⅞	14½	7 5/16	5¾	4 9/16	6¼
7½	230/460	3	60	3450	213T TEFC	34⅜	32⅜	27⅜	16	10⅞	9⅛	7⅛	8⅛

A & B dimensions vary slightly with motor manufacturers.

MODEL

GUSHER® 11022-E

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model 11022-E X-Long, Long or Short
- Impeller 2292-A, 2292, 2292-J or 2292-G.
- Right Hand Discharge (Shown)
  Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

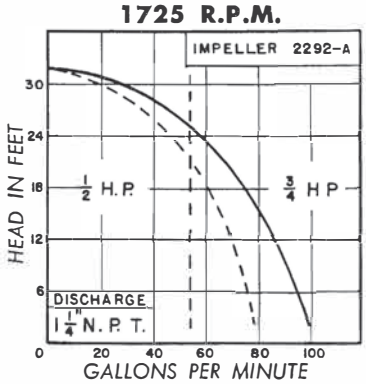
1½ - 2 H.P. — If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2292-G. Motor must be wound specifically for 50 cycle.

DIMENSIONS IN INCHES

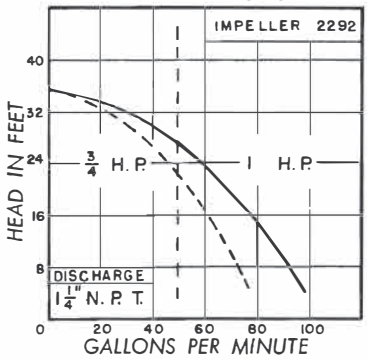
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/2	230/460	3	60	1725	56 TENV	23	20	17	9⅞
1/2	115/230	1	60	1725	56 TEFC	24⅜	21⅜	18⅜	10¾
3/4	230/460	3	60	1725	56 TENV	24⅜	21⅜	18⅜	10¾
3/4	115/230	1	60	1725	56 TEFC	24 9/16	21 9/16	18 3/16	10 15/16
1	230/460	3	60	1725	56 TEFC	25	22	19	11⅜
1½	230/460	3	60	3450	56 TEFC	25	22	19	11⅜
2	230/460	3	60	3450	56 TEFC	26	23	21	12⅜

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

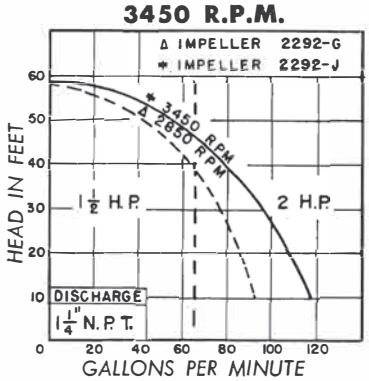
1725 R.P.M.



1725 R.P.M.



3450 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ——— Soluble Coolant, 72°F.

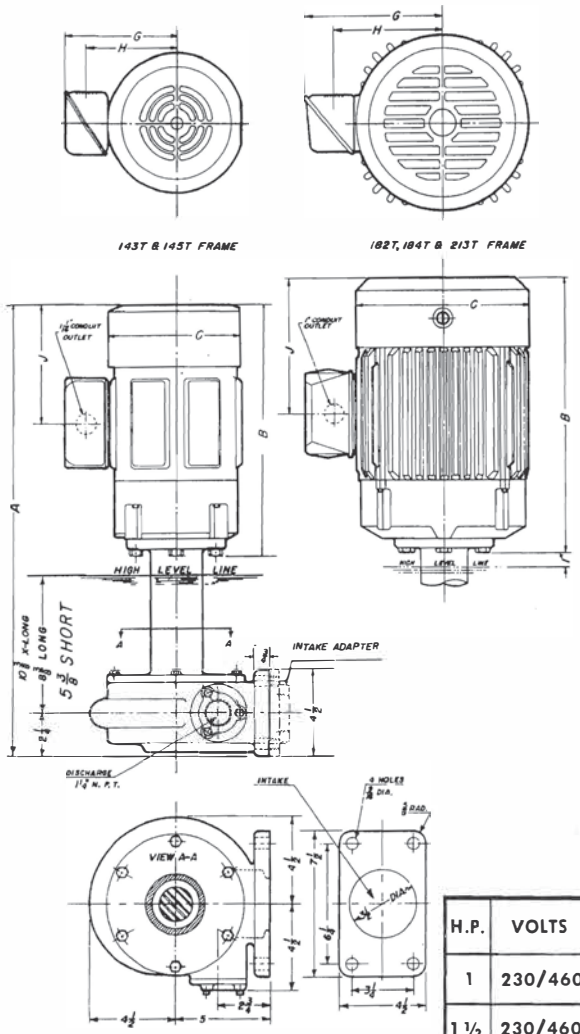
Broken Line - - - - - 200 SSU Oil, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given GPM except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 11022-E

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model 11022-E X-Long, Long or Short.
- Impeller 2292-G, 2292-J, 2292-C, 2292-H or 2292.
- Right Hand Discharge (Shown) Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

1½ and 2 H.P. — If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2292-G. Motor must be wound specifically for 50 cycle.

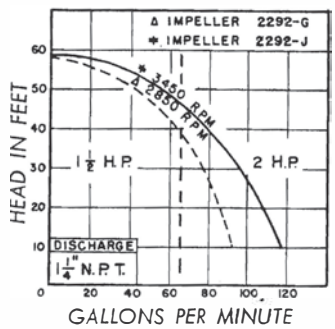
2 and 3 H.P. — If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2292-C. Motor must be wound specifically for 50 cycle.

DIMENSIONS IN INCHES

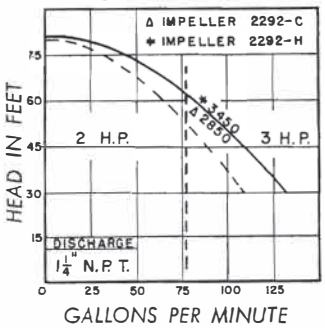
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
1	230/460	3	60	1725	145T TEFC	25	22	19	11 3/8	7 5/16	5 3/4	4 5/16	6 1/4
1½	230/460	3	60	3450	145T TEFC	25	22	19	11 3/8	7 5/16	5 3/4	4 5/16	6 1/4
2	230/460	3	60	3450	145T TEFC	26	23	20	12 3/8	7 5/16	5 3/4	4 5/16	6 1/4
3	230/460	3	60	3450	145T TEFC	27 3/8	24 3/8	21 3/8	13 1/4	7 5/16	5 3/4	4 9/16	6 1/4
5	230/460	3	60	3450	145T TEFC	28 1/8	25 1/8	22 1/8	14 1/2	7 5/16	5 3/4	4 9/16	6 1/4
7½	230/460	3	60	3450	213T TEFC	29 5/8	26 5/8	23 5/8	16	10 7/8	9 1/8	7 1/8	8 1/8

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

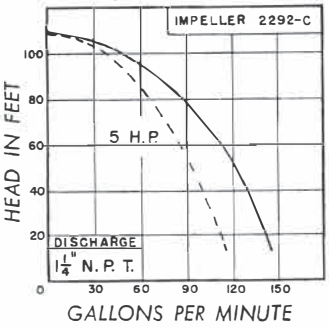
3450 R.P.M.



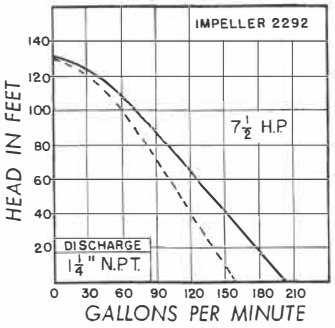
3450 R.P.M.



3450 R.P.M.



3450 R.P.M.



HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

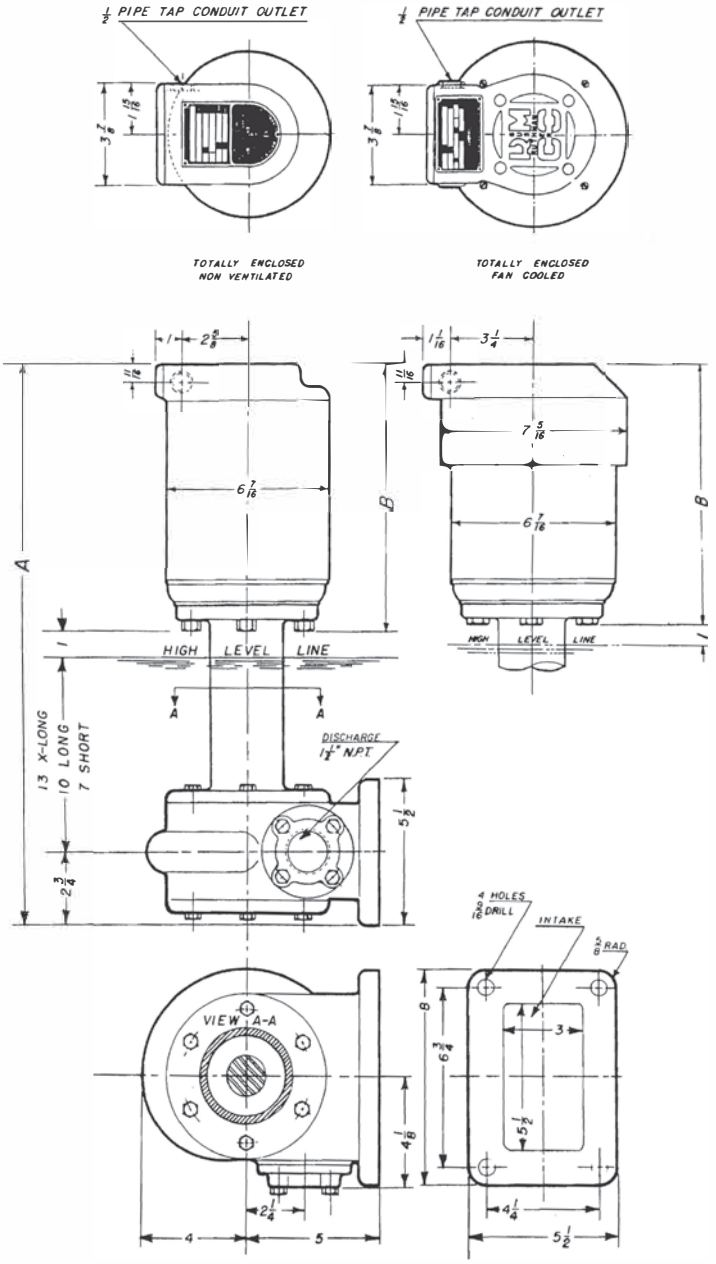
SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

MODEL

GUSHER® 11023-B

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



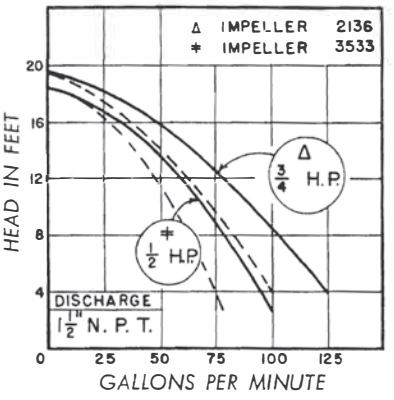
WHEN ORDERING SPECIFY

- Model 11023-B X-Long, Long or Short.
- Impeller 3533 or 2136.
- Right Hand Discharge (Shown)
  Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

1725 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.
Solid Line ———— Soluble Coolant, 72° F.
Broken Line - - - - - - 200 SSU Oil, 100° F.
For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

TO REVERSE DISCHARGE LOCATION SEE PAGE 178

DIMENSIONS IN INCHES

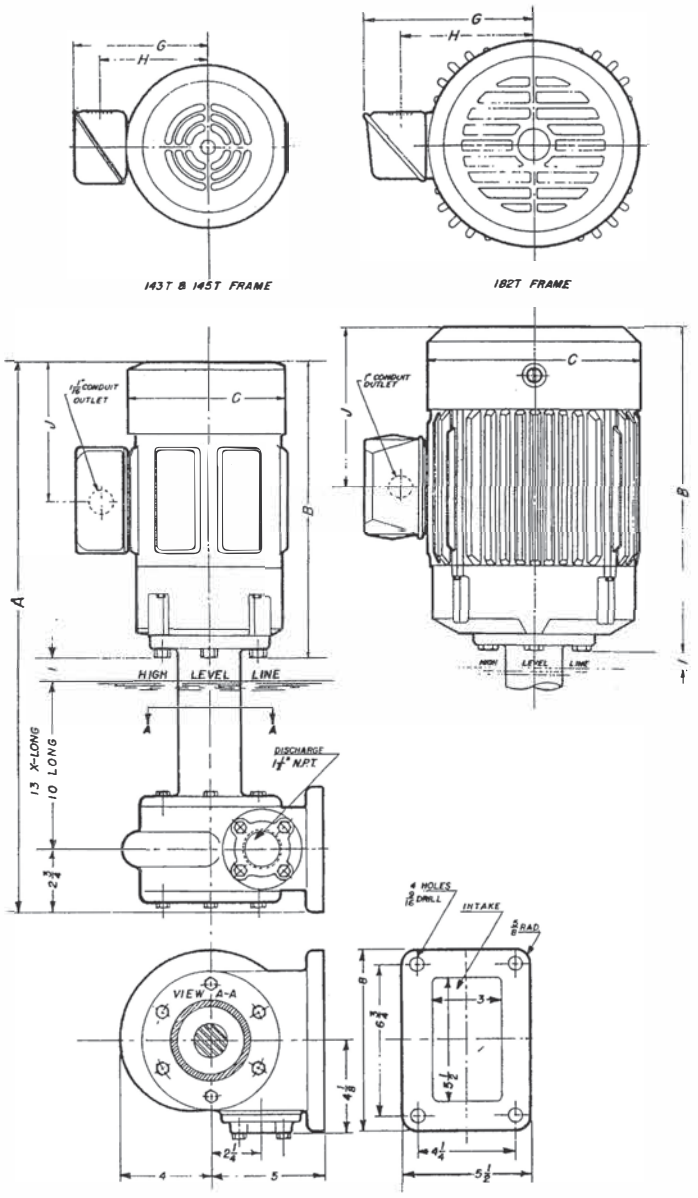
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B
						X-LONG	LONG	SHORT	
1/2	230/460	3	60	1725	56 TENV	26⅝	23⅝	20⅝	9⅞
1/2	115/230	1	60	1725	56 TEFC	27½	24½	21½	10¾
3/4	230/460	3	60	1725	56 TENV	27½	24½	21½	10¾
3/4	115/230	1	60	1725	56 TEFC	27½	24½	21½	10¾

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

MODEL

GUSHER® 11023-B

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



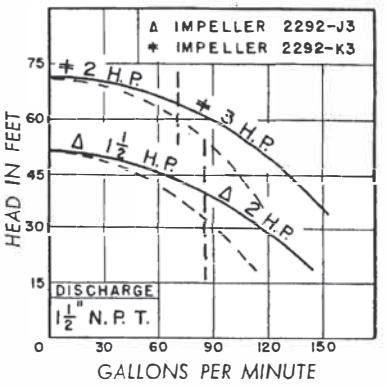
WHEN ORDERING SPECIFY

- Model 11023-B X-Long or Long.
- Impeller 2292-J3 or 2292-K3.
- Right Hand Discharge (Shown) Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

3450 R.P.M.



Head & Gallons Per Minute Measured at the Discharge.

Solid Line ———— Soluble Coolant, 72° F.

Broken Line - - - - - - 200 SSU Oil, 100° F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

TO REVERSE DISCHARGE LOCATION SEE PAGE 178

DIMENSIONS IN INCHES

H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B	C	G	H	J
						X-LONG	LONG					
1 ½	230/460	3	60	3450	145T TEFC	28½	25⅛	11⅜	7 5/16	5¾	4 9/16	6¼
2	230/460	3	60	3450	145T TEFC	29⅛	26⅛	12⅜	7 5/16	5¾	4 9/16	6¼
3	230/460	3	60	3450	145T TEFC	30½	27½	13¼	7 5/16	5¾	4 9/16	6¼

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

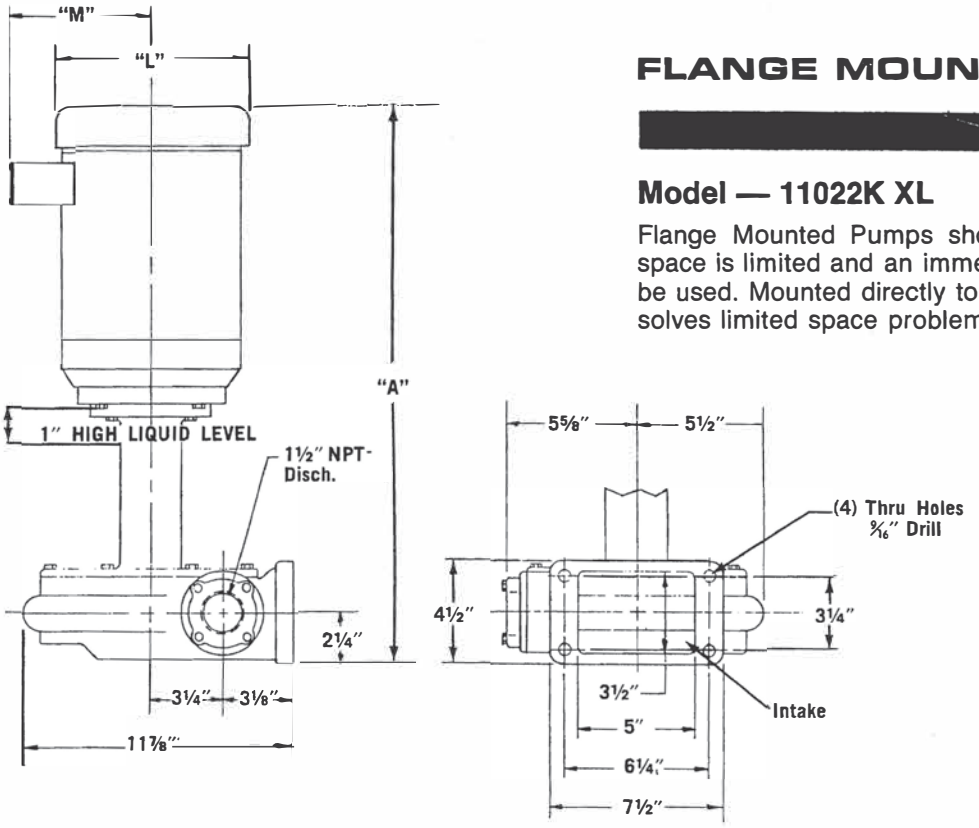
MODEL

GUSHER® 11022KXL

FLANGE MOUNTED PUMPS

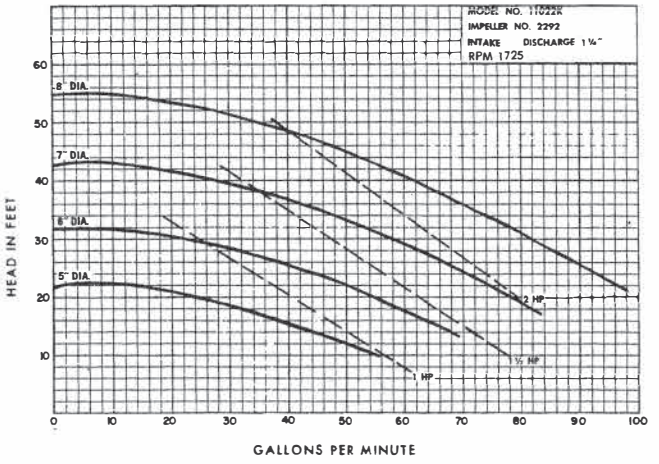
Model — 11022K XL

Flange Mounted Pumps should be selected when space is limited and an immersed type pump cannot be used. Mounted directly to the outside of reservoir solves limited space problems.



Dimensions in Inches

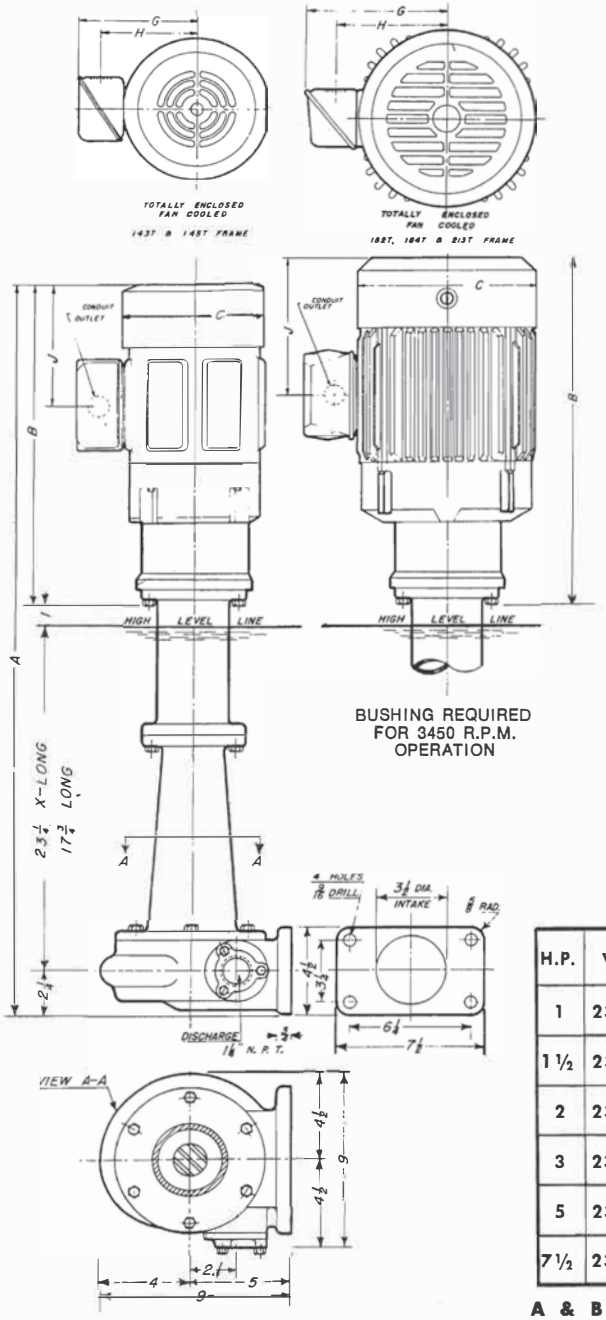
HP	Frame Size	A	L	M
1	56C	25¾	7 3/16	5¼
2	145TC	26 11/16	7 3/16	5¼
3	182TC	28 1/16	8½	5⅞



MODEL

GUSHER® 2E-18

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



WHEN ORDERING SPECIFY

- Model 2E-18 X-Long or Long.
- Impeller 2292-C, 2292-H or 2292.
- Right Hand Discharge (Shown). Left Hand Discharge (Opposite).
- Motor Horsepower and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

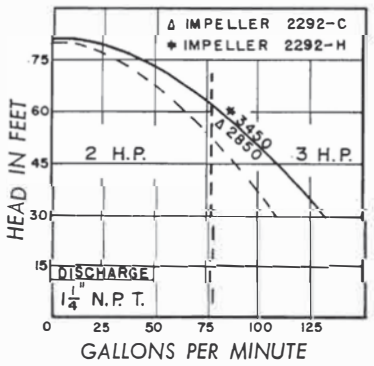
2 and 3 H.P. — If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2292-C; Motor must be wound specifically for 50 cycle.

DIMENSIONS IN INCHES

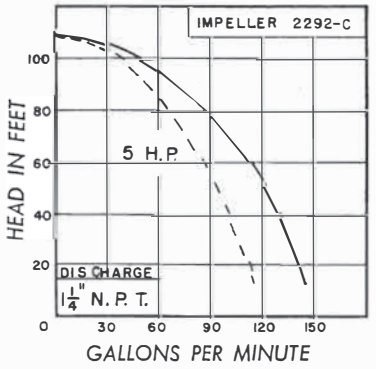
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A X-LONG	A LONG	B	C	G	H	J
1	230/460	3	60	1725	145T TEFC	42⅛	36⅝	15⅝	7 5/16	5¾	4 9/16	6¼
1½	230/460	3	60	3450	145T TEFC	42⅛	36⅝	15⅝	7 5/16	5¾	4 9/16	6¼
2	230/460	3	60	3450	145T TEFC	43⅛	37⅝	16⅝	7 5/16	5¾	4 9/16	6¼
3	230/460	3	60	3450	145T TEFC	44	38½	17½	7 5/16	5¾	4 9/16	6¼
5	230/460	3	60	3450	145T TEFC	45¼	39¾	18¾	7 5/16	5¾	4 9/16	6¼
7½	230/460	3	60	3450	213T TEFC	46¾	41¼	20¼	10 7/8	9⅛	7⅛	8⅛

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

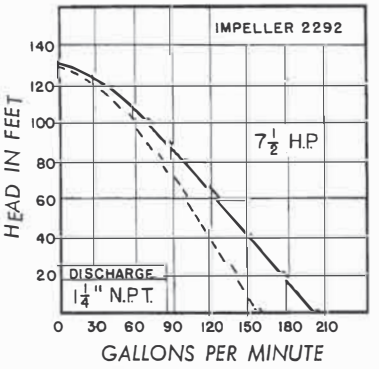
3450 R.P.M.



3450 R.P.M.



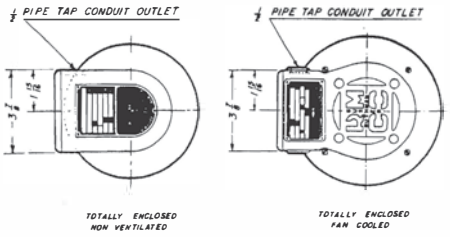
3450 R.P.M.

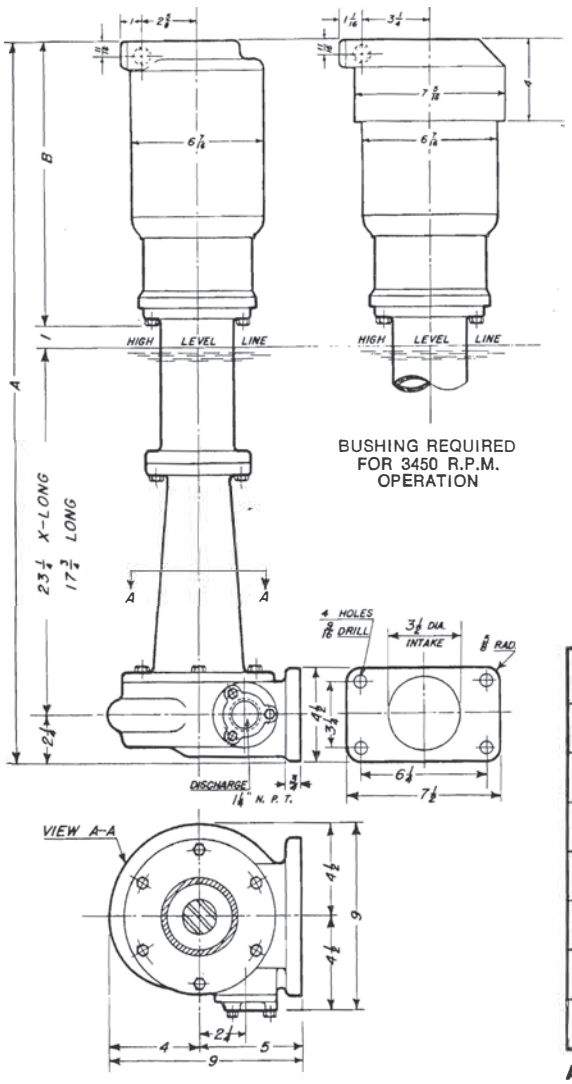


HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.





MODEL

GUSHER® 2E-18

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP

WHEN ORDERING SPECIFY

- Model 2E-18 X-Long or Long.
- Impeller 2292-A, 2292, 2292-G or 2292-J.
- Right Hand Discharge (Shown). Left Hand Discharge (Opposite).
- Motor Horsepower and Current Characteristics.

NOTE: 208/220/440 volts 50/60 cycle — 220/380 volts 50 cycle — 550 volts 50/60 cycle same dimensions as 230/460 volts 60 cycle. Except single phase.

Other current characteristics available.

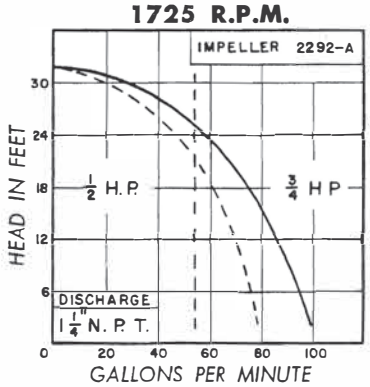
1½ and 2 H.P. — If 60 cycle performance is desired for 50 cycle operation specify impeller (#) 2292-G; Motor must be wound specifically for 50 cycle.

DIMENSIONS IN INCHES

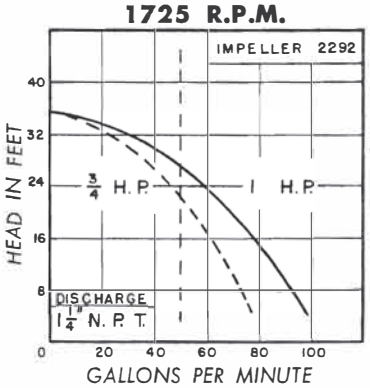
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A		B
						X-LONG	LONG	
1/2	230/460	3	60	1725	56 TENV	42½	36¾	16
1/2	115/230	1	60	1725	56 TEFC	42¼	36½	15¾
3/4	230/460	3	60	1725	56 TENV	42½	36¾	16
3/4	115/230	1	60	1725	56 TEFC	42½	36¾	15¾
1	230/460	3	60	1725	56 TEFC	42⅜	36⅝	15⅝
1½	230/460	3	60	3450	56 TEFC	42⅜	36⅝	15⅝
2	230/460	3	60	3450	56 TEFC	43⅜	37⅝	16⅝

A & B DIMENSIONS VARY SLIGHTLY WITH MOTOR MANUFACTURERS

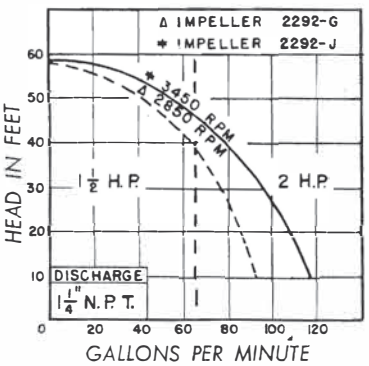
1725 R.P.M.



1725 R.P.M.



3450 R.P.M.



HEAD & GALLONS PER MINUTE MEASURED AT THE DISCHARGE

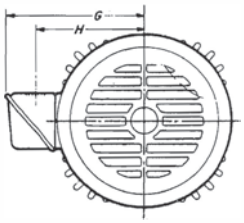
SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

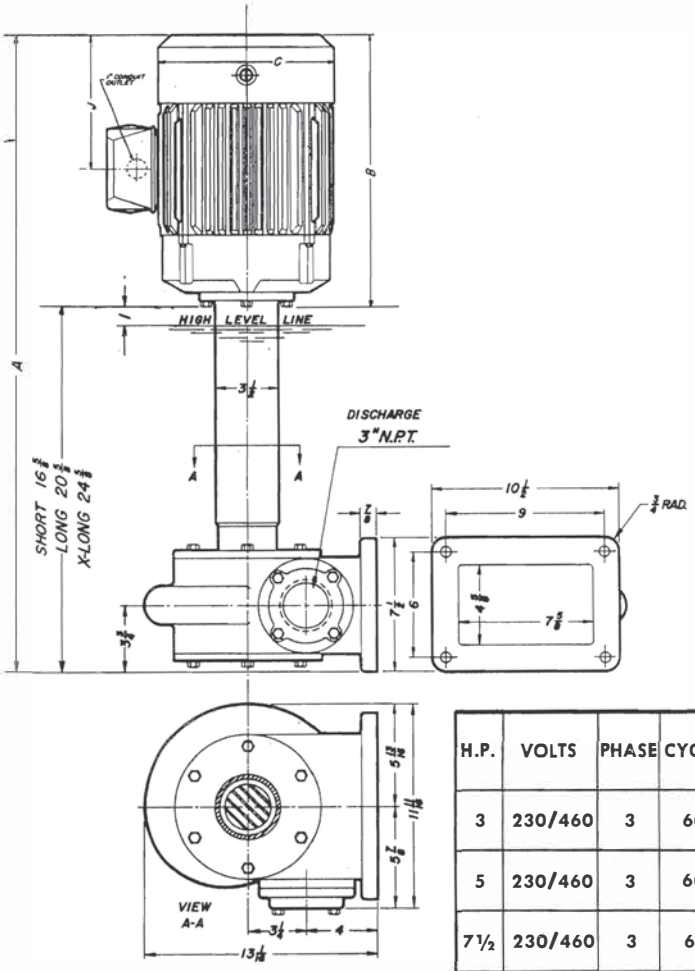
MODEL

GUSHER® 11030

MOTOR DRIVEN MACHINE TOOL & INDUSTRIAL COOLANT PUMP



182T & 184T FRAME



WHEN ORDERING SPECIFY

- Model 11030 X-Long, Long or Short.
- Impeller 6220, 6220-B, 6220-C, 6220-F or 6220-G.
- Right Hand Discharge (Shown)
  Left Hand Discharge (Opposite)
- Motor Horse Power and Current Characteristics.

Other current characteristics available.

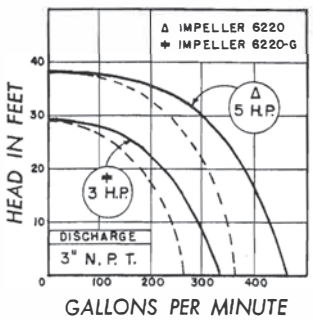
NOTE: 208/220/440 volts 50/60 cycles — 220/380 volts 50 cycles — 550 volts 50/60 cycles same dimensions as 230/460 volts 60 cycles. Except single phase.

DIMENSIONS IN INCHES

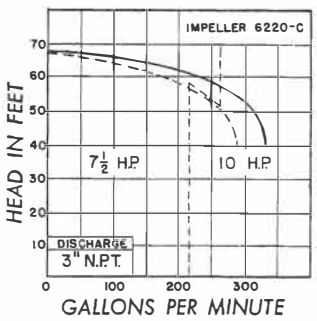
H.P.	VOLTS	PHASE	CYCLE	R.P.M.	MOTOR FRAME	A			B	C	G	H	J
						X-LONG	LONG	SHORT					
3	230/460	3	60	1725	145T TEFC	30⅛	26⅛	22⅛	13½	7 5/16	5¾	4 9/16	6¼
5	230/460	3	60	1725	184T TEFC	31	27	23	14⅜	9⅜	7¼	5¾	7 5/16
7½	230/460	3	60	3450	213T TEFC	32⅝	28⅝	24⅝	16	10⅞	9⅛	7⅛	8⅛
10	230/460	3	60	3450	215T TEFC	33⅛	29⅛	25⅛	16½	10⅞	9⅛	7⅛	8⅞
15	230/460	3	60	3450	254T-C TEFC	34⅛	30⅛	26⅛	17½	13	10 1/16	8 1/16	10⅜

A & B dimensions vary slightly with motor manufacturers.

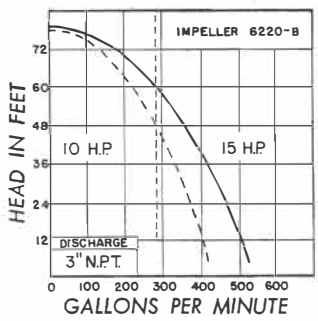
1725 R.P.M.



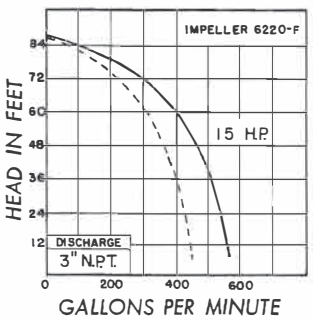
3450 R.P.M.



3450 R.P.M.



3450 R.P.M.

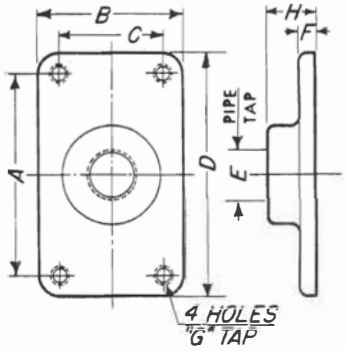


SOLID LINE ———— Soluble Coolant, 72°F. **BROKEN LINE** - - - - - 200 SSU OIL, 100°F.

For 50 Cycle Operation Reduce Ft. Head 31% for a given G.P.M. except when a 50 Cycle Impeller is indicated.

FOR CONVERSION OF FLANGE MOUNTED EXTERNAL DISCHARGE TYPE TO PIPE INLET TYPE, THE FOLLOWING PIPE ADAPTERS ARE AVAILABLE.

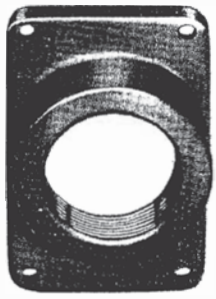
PIPE ADAPTERS



ALL DIMENSIONS IN INCHES

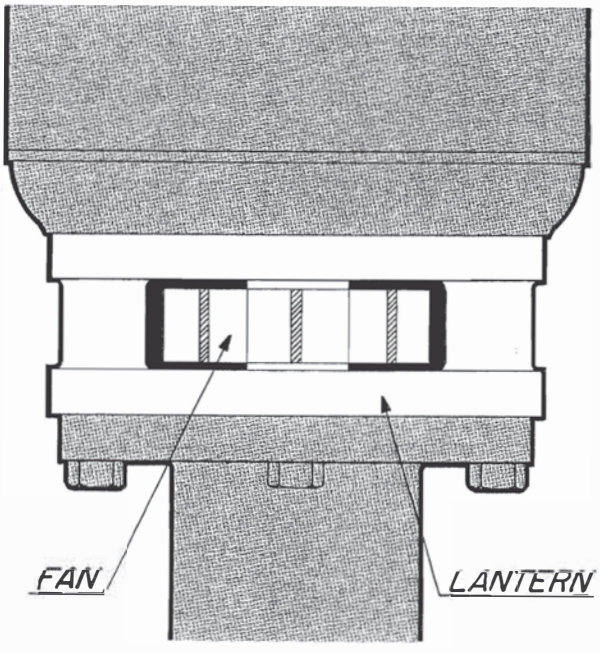
INTAKE ADAPTER DRAWING NO.	A	B	C	D	E	F	G	H
2319	3	2 3/8	1 3/4	3 5/8	1 1/4	5/16	1/4-20	15/16
2328	6 1/4	4 1/2	3 1/4	7 1/2	1 1/4	1/2	1/2-13	1
2328-2	6 1/4	4 1/2	3 1/4	7 1/2	2	1/2	1/2-13	1
2399	6 3/4	5 1/2	4 1/4	8	2 1/2	5/8	1/2-13	1 1/4
2108	7 1/4	6 1/2	5 1/4	8 1/2	2 1/2	5/8	1/2-13	1 1/4

When a pipe adapter is required, a lip seal is recommended to reduce the possibility of cavatation.

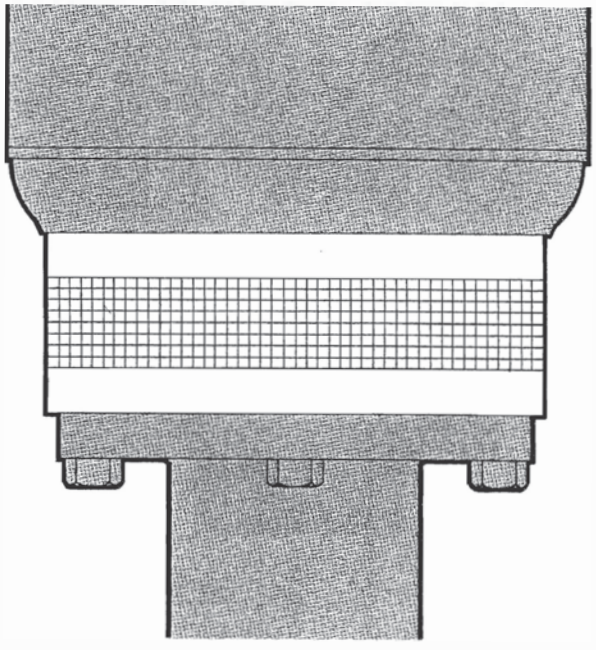


COOLING FAN

If the liquid the pump is operating in exceeds 200°F. a cooling fan is required. This fan will afford continuous protection for the pump from 200°F. to a maximum of 700°F., however it must be removed from the liquid when not in operation. The standard installation of the fan is shown below. It is available for all models and may be ordered by adding the suffix "F" to the pump model number. (i.e. = 11022F Long)



VIEW OF FAN & LANTERN
WITHOUT GUARD



VIEW OF FAN & LANTERN
WITH GUARD
(GUARD IS STANDARD)

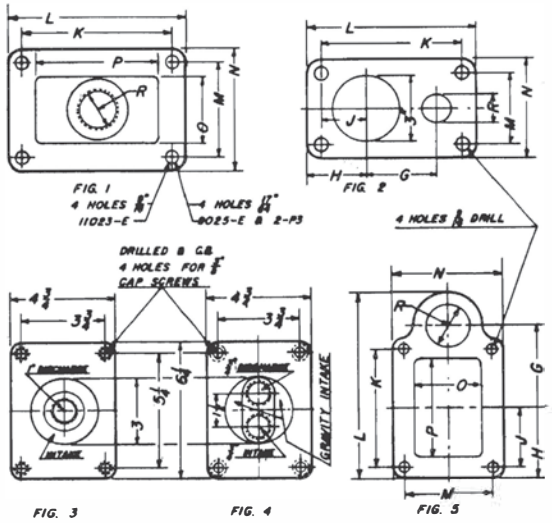
Note: When a fan is installed in a pump, the overall length is increased by 2".

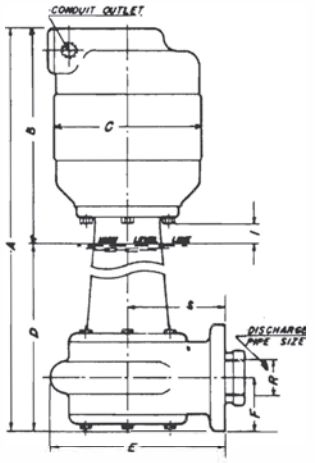
GUSHER®

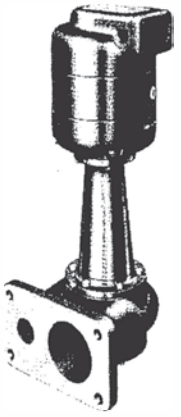
FLANGE MOUNTED PUMPS INTERNAL DISCHARGE

Internal discharge pumps are recommended when external piping is not feasible.

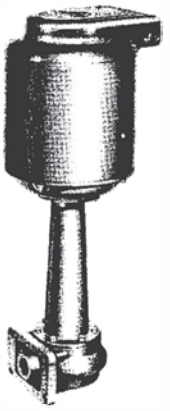
They are mounted by drilling and tapping four (4) holes in the machine reservoir with an opening that coincides with the opening in the impeller housing. Model 11020-B has a twin intake-discharge pipe connection in addition to the gravity intake. The piped intake provides a rapid return of coolant under positive suction, while the gravity intake insures prime. On Models 11020 and 11027, the discharge ports may be either left or right of the intake ports. When ordering, please specify which is desired, also state whether X-Long, Long or Short, Motor Horsepower and current characteristics.







Model 11020



Model 2-P3

FOR PERFORMANCE CURVES SEE 138

FLANGE MOUNTED INTERNAL DISCHARGE

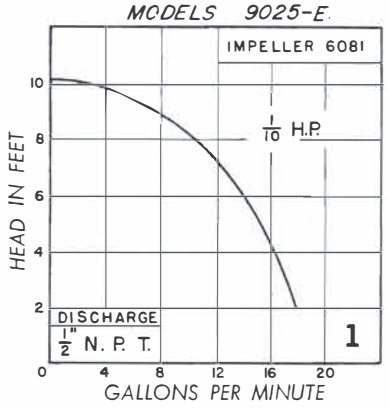
1725 R.P.M. — 60 CYCLE																									
FIG. NO.	MODEL	H.P.	A			B	C	D			E	F	G	H	J	K	L	M	N	O	P	R	S	CURVE NO.
			X-LONG	LONG	SHORT			X-LONG	LONG	SHORT														
1	9025-E	1/10	20 1/16	16 7/8	14 7/8	8 1/2	5 5/8	11 9/16	8 3/8	6 3/8	4 29/32	1 3/16	.....	.....	.....	3	3 5/8	1 3/4	2 3/8	1 5/8	2 1/4	1/2	2 11/16	1
2	11020	1/4	21 1/8	19 1/8	15 1/8	8 1/2	6 7/16	12 5/8	10 5/8	6 5/8	8 3/16	2 1/4	3 1/8	2 5/8	2	6 1/4	7 1/2	3 1/4	4 1/2	3 DIA.		1 1/4	5	2
2	11020	1/3	23 1/8	21 1/8	17 1/8	10 1/2	6 7/16	12 5/8	10 5/8	6 5/8	8 3/16	2 1/4	3 1/8	2 5/8	2	6 1/4	7 1/2	3 1/4	4 1/2	3 DIA.		1 1/4	5	2
3	11020-A	1/4	22	20	16	8 1/2	6 7/16	13 1/2	11 1/2	7 1/2	6 1/4	3 1/8	.....	.....	.....	3 3/4	4 3/4	5 1/4	6 1/4	3 DIA.		1	3 1/2	3
4	11020-B	1/4	22	20	16	8 1/2	6 7/16	13 1/2	11 1/2	7 1/2	6 1/4	3 1/8	.....	.....	.....	3 3/4	4 3/4	5 1/4	6 1/4	3 DIA.		3/4	3 1/2	4
1	11023-E	1/2	27 11/16	24 11/16	21 11/16	10 15/16	6 7/16	16 3/4	13 3/4	10 3/4	9	2 3/4	.....	.....	.....	6 3/4	8	4 1/4	5 1/2	3	5 1/2	1 1/2	5	5
1	11023-E	3/4	28 1/2	25 1/2	22 1/2	11 3/4	6 7/16	16 3/4	13 3/4	10 3/4	9	2 3/4	.....	.....	.....	6 3/4	8	4 1/4	5 1/2	3	5 1/2	1 1/2	5	5
5	11027	1	32 3/4	28 3/4	23 3/4	12 3/8	7 5/16	20 3/8	16 3/8	11 3/8	10 1/4	3 1/4	5	4 1/4	3 5/8	7 1/4	11 1/4	5 1/4	6 1/2	4	6	2 1/2	5 5/8	6
5	11027	1 1/2	32 3/4	28 3/4	23 3/4	12 3/8	7 5/16	20 3/8	16 3/8	11 3/8	10 1/4	3 1/4	5	4 1/4	3 5/8	7 1/4	11 1/4	5 1/4	6 1/2	4	6	2 1/2	5 5/8	6
5	11027	2	33 7/8	29 7/8	24 7/8	13 1/2	7 5/16	20 3/8	16 3/8	11 3/8	10 1/4	3 1/4	5	4 1/4	3 5/8	7 1/4	11 1/4	5 1/4	6 1/2	4	6	2 1/2	5 5/8	6
3450 R.P.M. — 60 CYCLE																									
FIG. NO.	MODEL	H.P.	A			B	C	D			E	F	G	H	J	K	L	M	N	O	P	R	S	CURVE NO.
			X-LONG	LONG	SHORT			X-LONG	LONG	SHORT														
1	2-P3	1/10	20 1/16	16 7/8	14 7/8	8 1/2	5 5/8	11 9/16	8 3/8	6 3/8	3 5/8	1 3/16	.....	.....	.....	3	3 5/8	1 3/4	2 3/8	1 5/8	2 1/4	1/2	1 7/8	7
1	9025-E	1/4	20 1/16	16 7/8	14 3/8	8 1/2	5 5/8	11 9/16	8 3/8	6 3/8	4 29/32	1 3/16	.....	.....	.....	3	3 5/8	1 3/4	2 3/8	1 5/8	2 1/4	3/4	2 11/16	8
2	11020	1/2	23 9/16	21 9/16	17 9/16	10 15/16	6 7/16	12 5/8	10 5/8	6 5/8	8 3/16	2 1/4	3 1/8	2 5/8	2	6 1/4	7 1/2	3 1/4	4 1/2	3 DIA.		1 1/4	5	9
2	11020	3/4	23 1/2	21 1/2	17 1/2	10 7/8	6 7/16	12 5/8	10 5/8	6 5/8	8 3/16	2 1/4	3 1/8	2 5/8	2	6 1/4	7 1/2	3 1/4	4 1/2	3 DIA.		1 1/4	5	9
1	11023-E	1 1/2	29 1/8	26 1/8	23 1/8	12 3/8	7 5/16	16 3/4	13 3/4	10 3/4	9	2 3/4	.....	.....	.....	6 3/4	8	4 1/4	5 1/2	3	5 1/2	1 1/2	5	10
1	11023-E	2	30 1/8	27 1/8	24 1/8	13 3/8	7 5/16	16 3/4	13 3/4	10 3/4	9	2 3/4	.....	.....	.....	6 3/4	8	4 1/4	5 1/2	3	5 1/2	1 1/2	5	10
1	11023-E	3	31	28	25	14 1/4	7 5/16	16 3/4	13 3/4	10 3/4	9	2 3/4	.....	.....	.....	6 3/4	8	4 1/4	5 1/2	3	5 1/2	1 1/2	5	10
5	11027	5	35 7/8	31 7/8	26 7/8	15 1/2	7 5/16	20 3/8	16 3/8	11 3/8	10 1/4	3 1/4	5	4 1/4	3 5/8	7 1/4	11 1/4	5 1/4	6 1/2	4	6	2 1/2	5 5/8	11 & 12
5	11027	7 1/2	37 3/8	33 3/8	28 3/8	17	10 7/8	20 3/8	16 3/8	11 3/8	10 1/4	3 1/4	5	4 1/4	3 5/8	7 1/4	11 1/4	5 1/4	6 1/2	4	6	2 1/2	5 5/8	11 & 12

GUSHER®

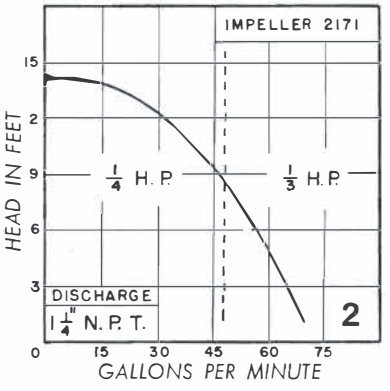
PERFORMANCE CURVES FOR FLANGE MOUNTED PUMPS INTERNAL DISCHARGE

1725 R.P.M.

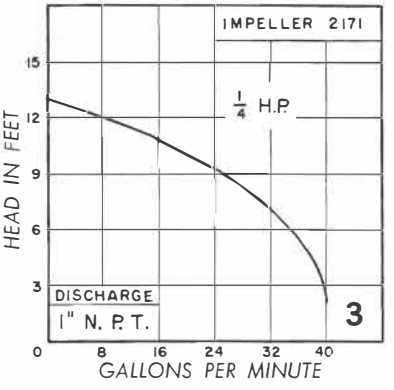
MODELS 9025-E



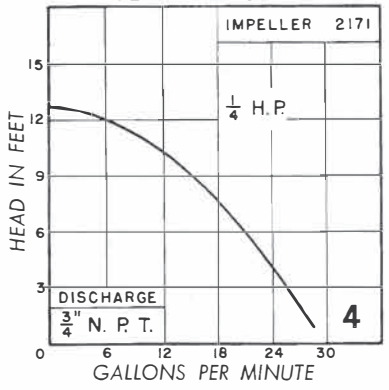
MODELS 11020



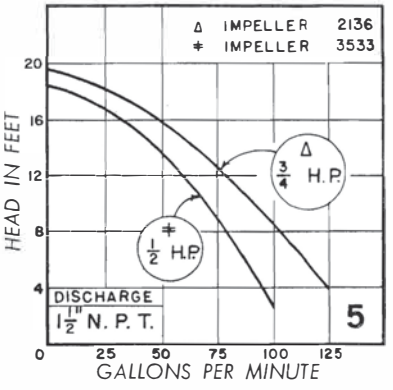
MODEL 11020-A



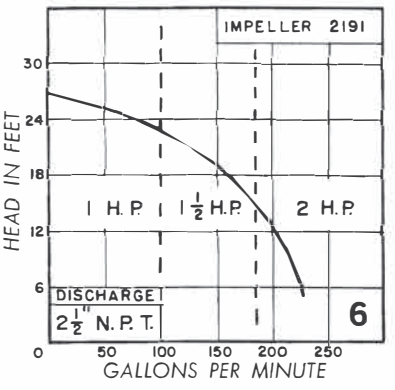
MODEL 11020-B



MODEL 11023-E

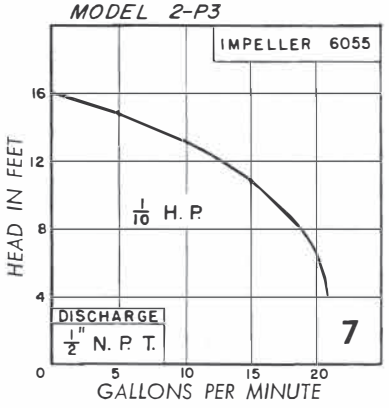


MODEL 11027

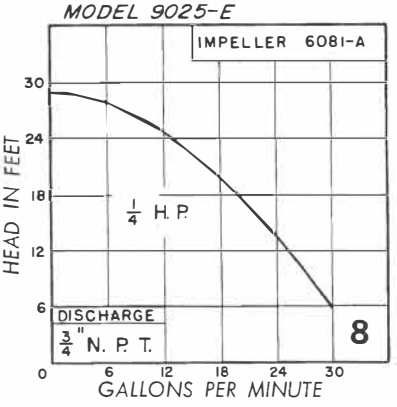


3450 R.P.M.

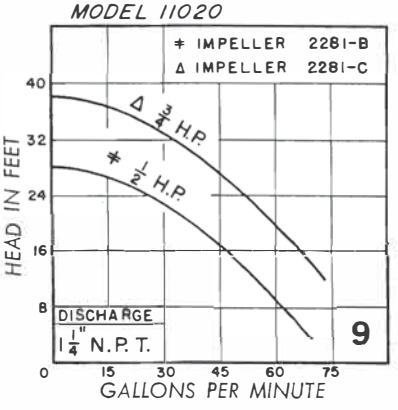
MODEL 2-P3



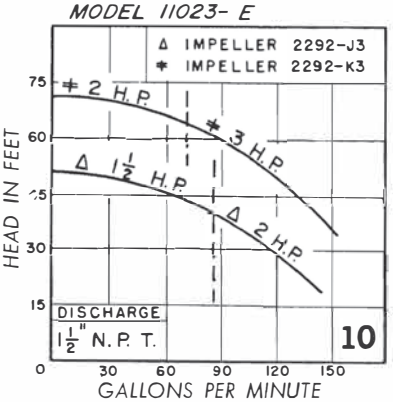
MODEL 9025-E



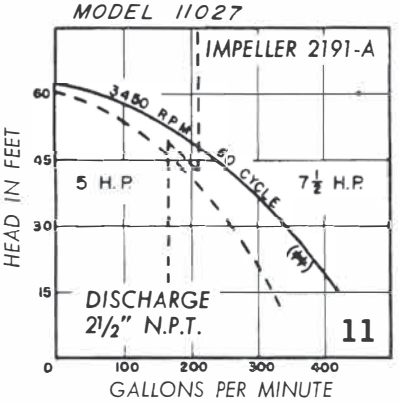
MODEL 11020



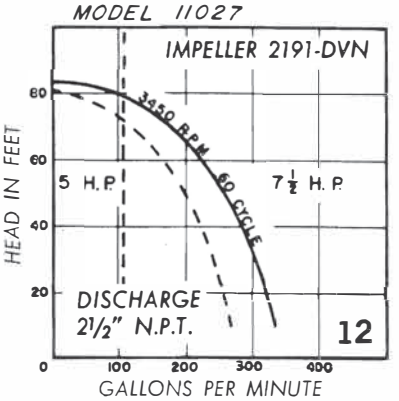
MODEL 11023- E



MODEL 11027

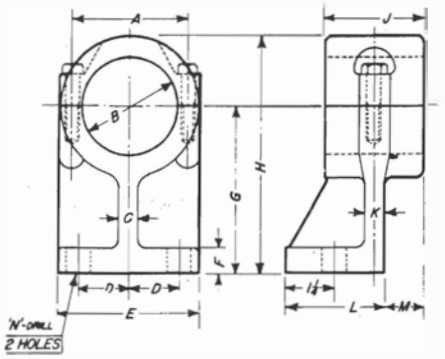


MODEL 11027



MOUNTING BRACKETS

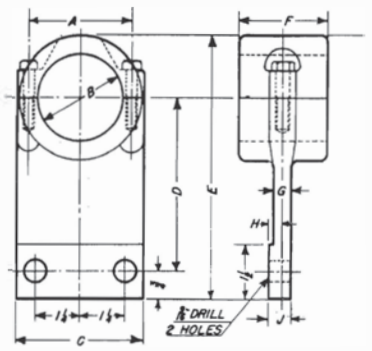
ANGLE BRACKETS



DIMENSIONS IN INCHES

BRACKET & DRAWING NO.	A	B	C	D	E	F	G	H	J	K	L	M	N
2-2128	2⅞	2⅜	½	1¼	3½	⅜	4	5¾	2½	½	2½	1	5/16
2A-2312	3⅛	2½	⅝	1½	4½	¾	8	10	3	¾	3½	1⅛	19/32
2AA-2340	4⅛	3½	¾	1⅝	5½	¾	6	8½	3	¾	3½	1⅛	21/32

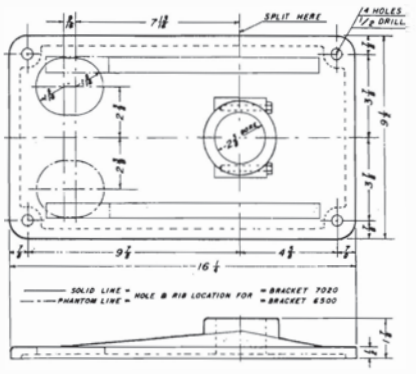
ARM BRACKETS



DIMENSIONS IN INCHES

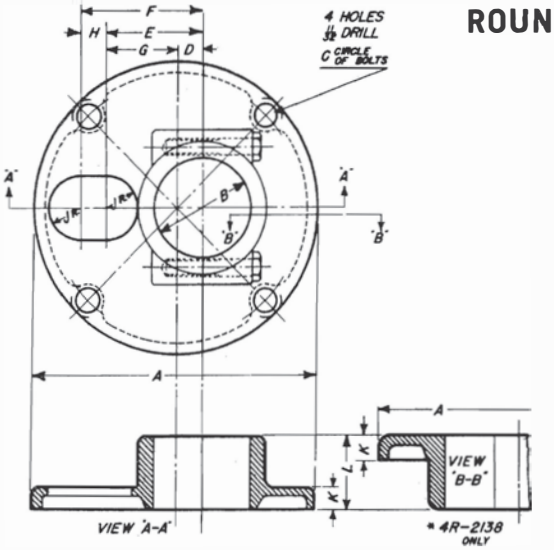
BRACKET & DRAWING NO.	A	B	C	D	E	F	G	H	J
1-2126	2⅞	2⅜	3½	4¾	7¼	2½	½	⅜	5/16
1A-2397	3	2½	3⅜	5¼	7¾	2½	⅝	7/16	¾

RECTANGULAR PLATE BRACKETS



——— Solid Line = Hole & Rib Location for = Bracket 7020
- - Phantom Line = = Bracket 6500

ROUND PLATE BRACKETS



DIMENSIONS IN INCHES

BRACKET & DRAWING NO.	A	B	C	D	E	F	G	H	J	K	L
3-2094	7	2⅜	6¼	⅝	2⅜	3	1¾	⅝	¾	½	1¾
4-2155	8½	2⅜	7¾	1⅜	3⅜	4 3/16	2½	5/16	15/16	½	1⅞
*4R-2138	8½	2⅜	7¾	1⅜	2 13/16	4 3/16	1⅞	1¼	15/16	½	1⅞
5-2395	9¾	2½	9	1⅞	3¼	4¾	1⅜	1½	1¼	⅝	2
5A-2395	9¾	2⅜	9	1⅞	3¼	4¾	1⅜	1½	1¼	⅝	2
6-2133	12	2½	11¼	2⅜	3¾	6¾	⅞	3	1¼	⅝	2
7-2134	14	3½	13¼	3⅜	5	8¼	1⅛	3¼	1⅞	⅝	2

4H-2568 same dimensions as 4R-2138. All dimensions in inches.

MODEL	ANGLE BRACKETS	ARM BRACKETS	ROUND PLATE BRACKETS			RECTANGULAR PLATE BRACKETS		
YL	2-2128	1-2126	3-2094	OR	4R-2138	6500	OR	7020
11021	2-2128	1-2126	5A-2395			6500	OR	7020
11023-A	2A-2312	1A-2397	5-2395	OR	6-2133			
11025	2AA-2340		7-2134					
11026 26D & 33D	2AA-2340		7-2134					
11029	2A-2312	1A-2397	6-2133					
BL	2A-2312	1A-2397	6-2133					
CML	2A-2312	1A-2397	6-2133					
RL	2-2128	1-2126	4H-2568	OR	5A-2395			
UD	2-2128	1-2126	4-2155	OR	4R-2138			
UL	2-2128	1-2126	3-2094	OR	4R-2138			
11023-D	2A-2312	1A-2397	5-2395	OR	6-2133			
BO	2A-2312	1A-2397	6-2133					
CMO	2A-2312	1A-2397	6-2133					
RO	2-2128	1-2126	4H-2568	OR	5A-2395			
YO	2-2128	1-2126	3-2094	OR	4R-2138	6500	OR	7020

GUSHER®

UNIVERSAL MOUNTING PLATE

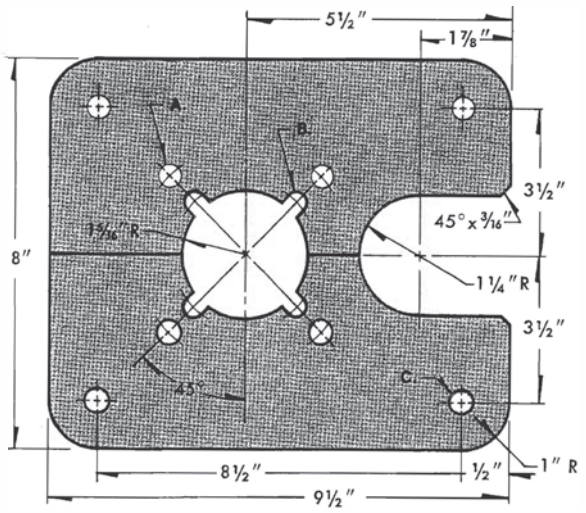
- **Reduce mounting plate cost by up to 50%**
- **Reduce inventory**

The new easy to install Gusher/Ruthman Universal Mounting Plate, is designed to be used with 15 different pump models.

IMPORTANT! GUSHER RUTHMAN WILL CONTINUE TO MANUFACTURE THE COMPLETE LINE OF "ROUND PLATE BRACKETS".

PUMP AND BRACKET EQUIVALENT CHART

PUMP MODEL NUMBER	ROUND PLATE BRACKETS	NEW SQUARE PLATE BRACKET
YL	3-2094 or 4R-2138	NUMBER 7515
11021	5A-2395	
11023-A	5-2395 or 6-2133	
11029	6-2133	
BL	6-2133	
RL, HL	4H-2568 or 5A-2395	
UD, SL, TL	4-2155 or 4R-2138	
UL	3-2094 or 4R-2138	
11023-D	5-2395 or 6-2133	
BO	6-2133	
RO	4H-2568 or 5A-2395	
YO	3-2094 or 4R-2138	



SPECIFICATIONS

- **A.** 4 thru holes, 7/16 dia., 4½" B.C. dia., equally spaced.
- **B.** 4 thru slots, 3/8" wide, 3" B.C. dia., equally spaced.
- **C.** 4 thru holes 7/16 dia.
- **D.** 3/16 thick hot rolled steel
- **E.** Tol. on outside dimensions ±1/32".

HOW TO INSTALL

1. Remove four hexagon head cap screws from under side of motor bell housing. (Fig. 1)

2. Place the two half sections of the Gusher/Ruthman Universal Bracket around the pump shaft at the base of the motor with discharge pipe (when used) running through void portion at side of the bracket. (Fig. 1)

3. Replace four hexagon head cap screws through aligned holes in plate and motor housing. (Fig. 1)

4. Install pumping unit, with new Universal Mounting Plate, back into service. (Fig. 2)

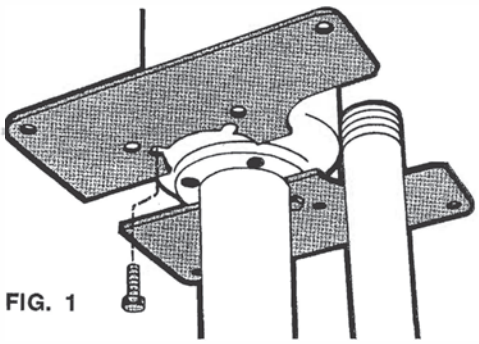


FIG. 1

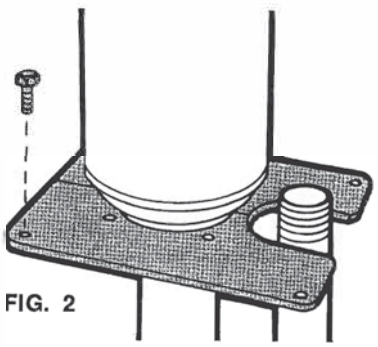
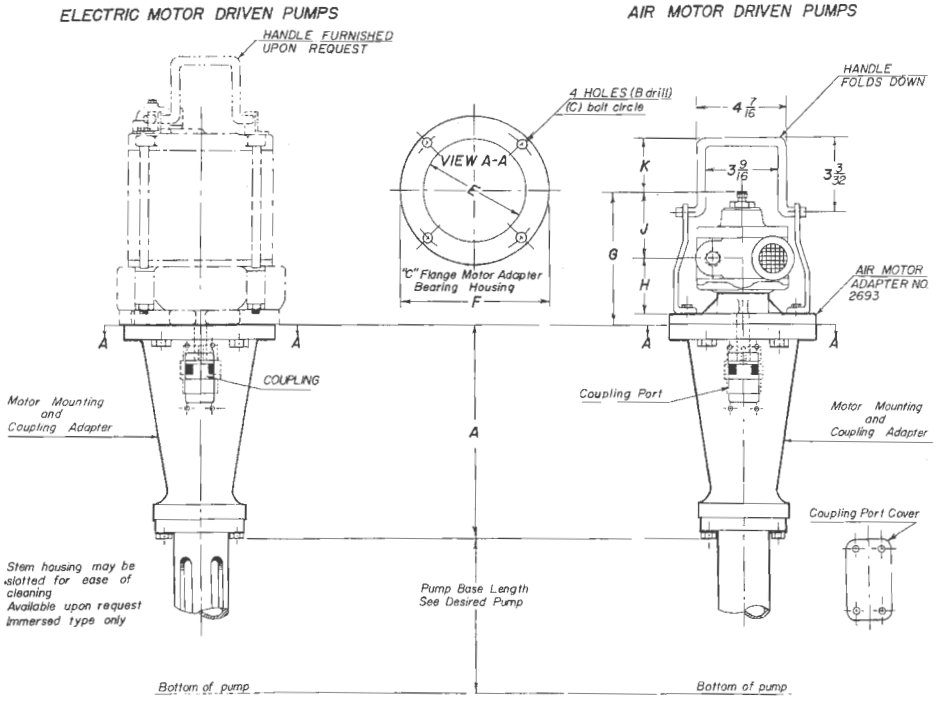


FIG. 2

GUSHER®

C-FACE MOTOR ADAPTED PUMPS



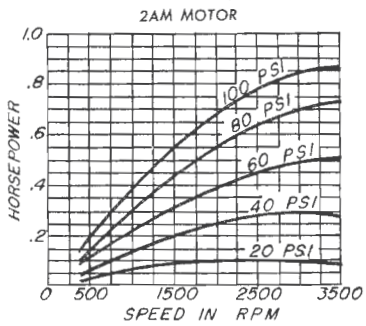
MOTOR HORSEPOWER AND FRAME SIZES											
Horsepower		1/10	1/4	1/3	1/2	3/4	1	1 1/2	2	3	5
R.P.M.	1725	48	56	56	56	56	143T	145T	145T	182T	184T
	3450	48	48	56	56	56	56	143T	145T	182T	184T

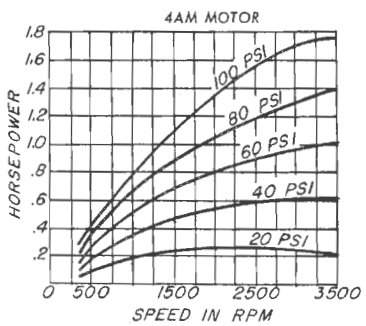
DIMENSIONS IN INCHES				
	G	H	J	K
2 A M	4-27/32	2-15/32	1-1/16	2-7/8
4 A M	5-3/4	2-15/16	1-1/2	1-31/32

6 A M AND 8AM AVAILABLE UPON REQUEST

DIMENSIONS IN INCHES								
Bearing Housing*	Frame	Motor Coupling	Pump Coupling	A	B	C	E	F
2725-SF	48	1/2	3/4	9 3/32	13/32	5 7/8	4 1/2	6 1/2
	56	5/8	3/4					
2725-6	56	5/8	3/4	9 3/16	13/32	5 7/8	4 1/2	6 1/2
2725-7	56	5/8	3/4	9 3/16	13/32	5 7/8	4 1/2	6 1/2
2737	143T/145T	7/8	1	9 5/8	13/32	5 7/8	4 1/2	6 1/2
2739	182T/184T	1 1/8	1	12 7/8	9/16	7 1/4	8 1/2	9

* Motor Mounting and Coupling Adapter.





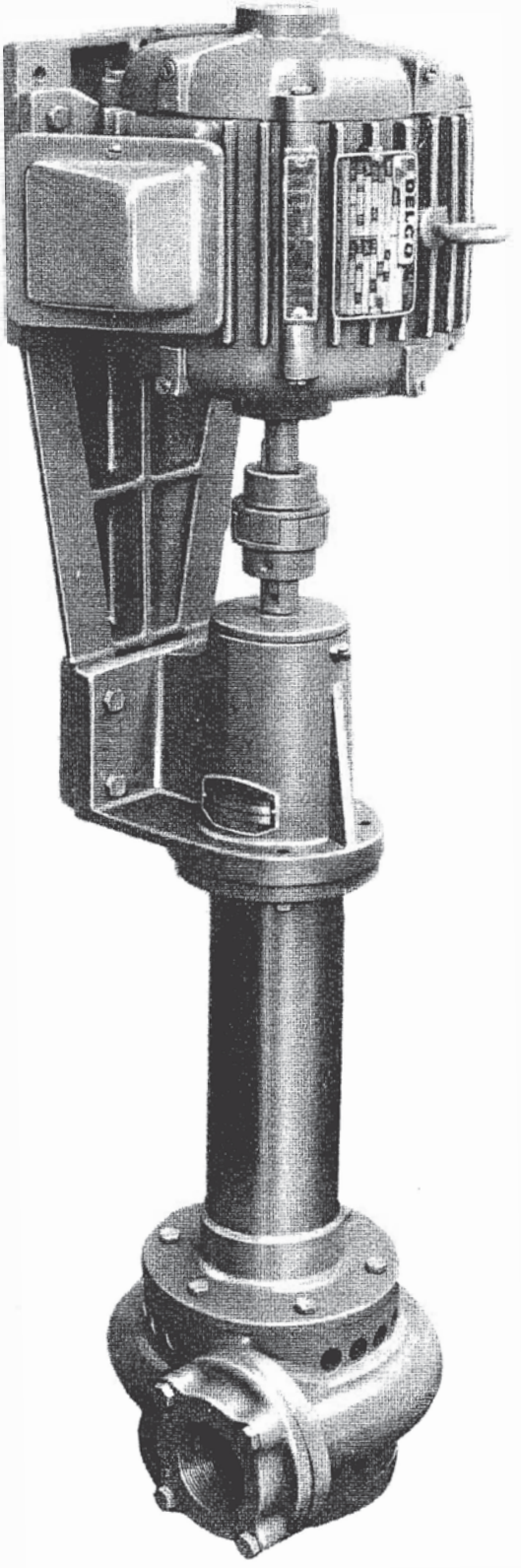
GUSHER PUMPS are available with a C-face motor mounting and coupling adapter. This makes it possible to use any complete C-face motor, be it an Air or Electric Motor as shown above. The shaft supporting ball bearings are confined within the coupling adapter.

We recommend this adaptation for handling hazardous liquids as Air Motors or Explosion Proof Motors can be adapted easily. Any standard GUSHER PUMP can be equipped with coupling adapter.

When ordering use suffix "CDM" after pump model number, for example: 11024 Long CDM. Also specify IMPELLER, MOTOR HORSE POWER and CURRENT CHARACTERISTICS, DISCHARGE PIPE SIZE—RIGHT HAND or LEFT HAND—where these vary.

These units can be ordered with or without motors. Write for quotations.

GUSHER®



Immersed Types

J.I.C.
SPECIFICATIONS

GUSHER® J.I.C. SPECIFICATIONS

For Pump installations requiring standard NEMA foot mounted motors to meet J.I.C. specifications, Gusher Pumps has developed a complete line of vertical motor base brackets which may be adapted to any standard model pump 1/10 H.P. thru 20 H.P. motor frame sizes, 48 up to 286U.

TABLE A — **MOTOR HORSEPOWER FRAME SIZES**

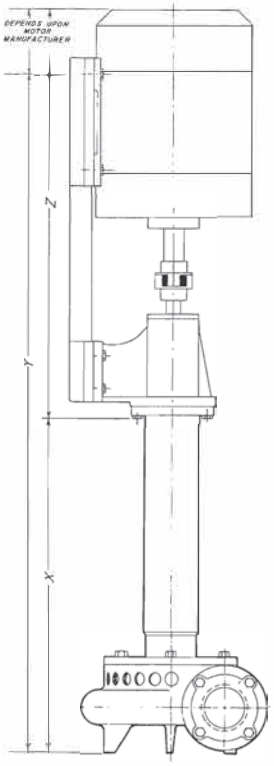
R.P.M.	1/10	1/4	1/3	1/2	3/4	1	1 1/2	2	3	5	7 1/2	10	15	20
1725	48	48 or 56	56	56	56	56 or 143T or 182U	56 or 145T or 184U	56 or 145T or 184U	182T or 213U	184T or 215U	213T or 254U	215T or 256U	254T or 284U	256T or 286U
3450	48	48	56	56	56	56	56 or 143T or 182U	56 or 145T or 184U	182T or 184U	184T or 213U	213T or 215U	215T or 254U	254T or 256U	256T or 286U

TABLE B

MOTOR COUPLING SIZE	1/2"	5/8"	5/8"	5/8"	7/8"	7/8"
PUMP COUPLING SIZE	1/2"	3/4"	3/4"	1"	1"	1"
UPPER BALL BEARING	203	204	205	207	207	207
LOWER BALL BEARING	203	205	206	207	207	207
MOTOR BASE BRACKET NO.	6194	6191	6191	6191	6179-T	6179-T
B. B. HOUSING NO.	6193	6190	6192	6199	6199	6199
MOTOR FRAME SIZE	48 FRAME	* 56 FRAME	□ 56 FRAME	° 56 FRAME	143-T FRAME	145-T FRAME

MODEL	X			Y			Z	Y			Z	Y			Z	Y			Z	Y			Z	Y			Z
	X-LONG	LONG	SHORT	X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONS	SHORT	
BL-CM	.....	15 1/8	8 1/4	.....	.....	.....	.....	.....	.....	.....	.....	.....	31 1/4	24 3/8	16 1/8	.....	32 5/16	25 7/16	17 3/16	.....	33 3/16	26 5/16	18 1/16	.....	.....	.....	.....
BL-26-CM	27 1/2	23 1/2	16 1/2	.....	.....	.....	.....	.....	.....	.....	.....	46 5/16	42 5/16	35 5/16	18 13/16	47 3/8	43 3/8	36 3/8	19 7/8	48 1/4	44 1/4	37 1/4	20 3/4	.....	.....	.....	.....
BO-CM	.....	15 11/16	8 13/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	31 13/16	24 15/16	16 1/8	.....	32 7/8	26	17 3/16	.....	33 3/4	26 7/8	18 1/16	.....	.....	.....	.....
CML-CM	21 3/4	16 3/4	11 3/4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38 15/16	33 15/16	28 15/16	17 3/16	39 13/16	34 13/16	29 13/16	18 1/16	40 13/16	35 13/16	30 13/16	19 1/16
CML-26-CM	29 1/8	25 1/8	20 1/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49 7/8	45 7/8	40 7/8	20 3/4	50 7/8	46 7/8	41 7/8	21 3/4
CMO-CM	22 9/16	17 9/16	12 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39 3/4	34 3/4	29 3/4	17 3/16	40 5/8	35 5/8	30 5/8	18 1/16	41 5/8	36 5/8	31 5/8	19 1/16
RL-CM	15 1/2	11 1/2	8 1/2	.....	.....	.....	.....	31 1/16	27 1/16	24 1/16	15 5/16	.....	.....	.....	.....	32 11/16	28 11/16	25 11/16	17 3/16	.....	.....	.....	.....	34 9/16	30 9/16	27 9/16	19 1/16
RL-25-CM	23 7/8	19 7/8	16 7/8	.....	.....	.....	.....	.....	.....	.....	.....	42 11/16	38 11/16	35 11/16	18 13/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RO-CM	16 1/8	12 1/8	9 1/8	.....	.....	.....	.....	31 11/16	27 11/16	24 11/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
UD-CM	15 1/8	12 1/8	7 7/8	.....	.....	.....	.....	30 11/16	27 11/16	23 11/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
UD-25-CM	24 3/8	20 3/8	16 1/8	.....	.....	.....	.....	.....	.....	.....	.....	43 3/16	39 3/16	34 15/16	18 13/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
UL-CM	12 15/16	10 15/16	7 5/16	.....	.....	.....	.....	28 1/2	26 1/2	22 7/8	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
YL-CM	12 3/4	10 3/4	.....	.....	.....	.....	.....	28 5/16	26 5/16	.....	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
YO-CM	13 1/4	11 1/4	.....	.....	.....	.....	.....	28 13/16	26 13/16	.....	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1-P3-CM	11 11/16	8 11/16	6 11/16	25 11/16	22 11/16	20 11/16	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23D-26-CM	25 1/4	21 1/4	18 1/4	.....	.....	.....	.....	.....	.....	.....	.....	44 1/16	40 1/16	37 1/16	18 13/16	45 1/8	41 1/8	38 1/8	19 7/8	46	42	39	20 3/4	47 1/2	43 1/2	40 1/2	23 5/8
26D-CM	30 1/8	24 1/8	20 1/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
33D-CM	30 1/8	24 1/8	20 1/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9025-CM	.....	8 11/16	6 11/16	.....	22 11/16	20 11/16	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9040-CM	12 7/16	8 7/16	6 7/16	.....	.....	.....	.....	28 3/16	24 3/16	22 3/16	15 3/4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11021-CM	14 5/8	10 5/8	6 5/8	.....	.....	.....	.....	30 5/16	26 5/16	22 5/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11023A-CM	16 5/8	13 5/8	10 5/8	.....	.....	.....	.....	.....	.....	.....	.....	32 3/4	29 3/4	26 3/4	16 1/8	33 13/16	30 13/16	27 13/16	17 3/16	34 11/16	31 11/16	28 11/16	18 1/16	35 11/16	32 11/16	29 11/16	19 1/16
11023D-CM	15 7/8	12 7/8	9 7/8	.....	.....	.....	.....	.....	.....	.....	.....	32	29	26	16 1/8	33 1/16	30 1/16	27 1/16	17 3/16	33 15/16	30 15/16	27 15/16	18 1/16	34 15/16	31 15/16	28 15/16	19 1/16
11025-CM	20 1/4	16 1/4	11 1/4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37 7/16	33 7/16	28 7/16	17 3/16	38 5/16	34 5/16	29 5/16	18 1/16	39 5/16	35 5/16	30 5/16	19 1/16
11026-CM	23 3/4	19 3/4	15 3/4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11029-CM	13 1/16	10 1/16	7 1/16	.....	.....	.....	.....	.....	.....	.....	.....	29 3/16	26 3/16	23 3/16	16 1/8	30 1/4	27 1/4	24 1/4	17 3/16	31 1/8	28 1/8	25 1/8	18 1/16	32 1/16	29 1/8	26 1/8	19 1/16
25818-CM	40 3/16		20 3/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61 13/16	53 3/16	41 13/16	21 5/8	62 13/16	54 3/16	42 13/16	22 5/8
26918-CM	43 1/2	35	23 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29718-CM	26 1/8	20 5/8	14 5/8	.....	.....	.....	.....	.....	.....	.....	.....	45 11/16	40 3/16	34 3/16	19 9/16	.....	.....	.....	.....	47 5/8	42 1/8	36 1/8	21 1/2	48 5/8	43 1/8	37 1/8	22 1/2

* 3 3/4" STEM FLANGE (1/4-1/3 H.P.)
□ 5 1/4" STEM FLANGE (1/4-1/3-1/2 & 3/4 H.P.)
° 5 1/4" STEM FLANGE (1-1 1/2 & 2 H.P.)



THE FOLLOWING PROCEDURE WILL ENABLE YOU TO FIND THE EXACT DIMENSIONS OF YOUR JIC PUMP

1) Select the required pump model from the INDEX and the corresponding catalog page for that particular model.

2) After selecting the proper pump model, horsepower and R.P.M., refer to Table A to find the required Motor Frame size.

3) Refer to Table B and locate the selected Model then proceed across the chart to the required Motor Frame Column.

IMPORTANT: When ordering always use suffix "CM" after the pump model number (i.e. — 11029 Long CM). Also specify motor frame size, H.P. and RPM.

Note: Dimensions and part numbers in Table B apply to 'T" frame motors only. Dimensions and part numbers for "U" frame motors will be furnished upon request.

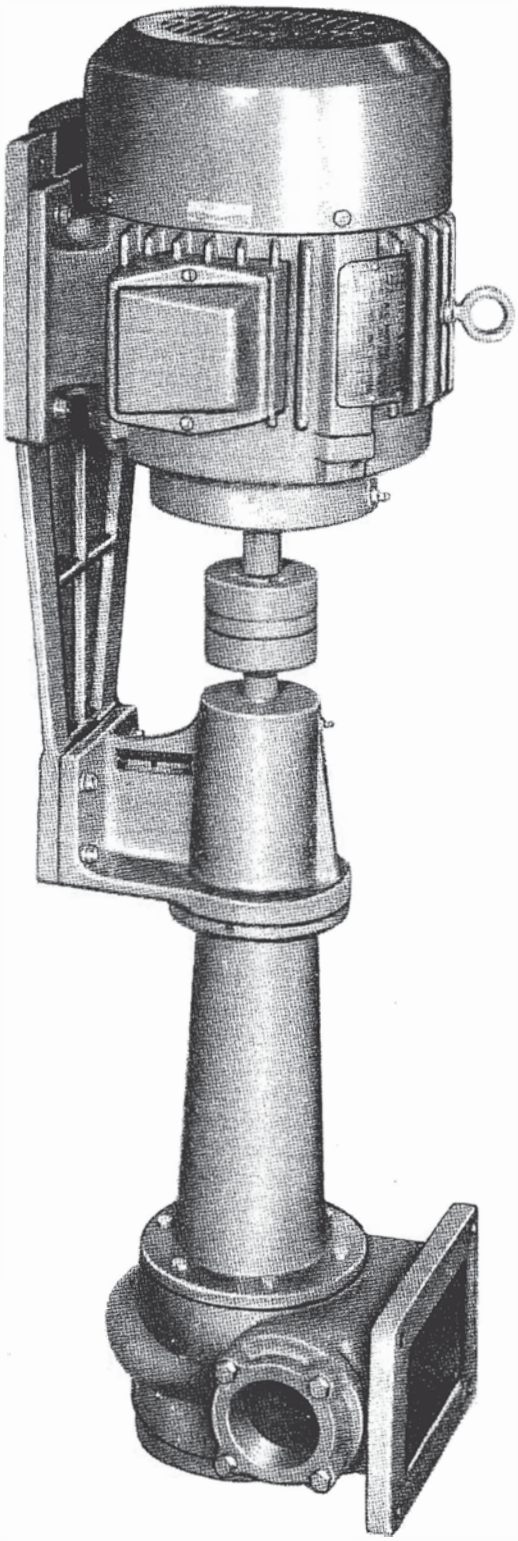
TABLE B

MOTOR COUPLING SIZE	1⅛"	1⅛"	1⅜"	1⅜"	1⅝"	1⅝"
PUMP COUPLING SIZE	1"	1"	1"	1"	1⅜"	1⅜"
UPPER BALL BEARING	207	207	207	207	207 DOUBLE ROW	207 DOUBLE ROW
LOWER BALL BEARING	207	207	207	207	307	307
MOTOR BASE BRACKET NO.	6189-T	6189-T	6187-T	6187-T	7290	7290
B. B. HOUSING NO.	6188	6188	6186	6186	7280	7280
MOTOR FRAME SIZE	182-T FRAME	184-T FRAME	213-T FRAME	215-T FRAME	254-T FRAME	254-T FRAME

MODEL	X			Y			Z	Y			Z	Y			Z	Y			Z	Y			Z	Y			Z
	X-LONG	LONG	SHORT	X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT	
BL-CM	.....	15⅛	8¼	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BL-26-CM	27½	23½	16½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BO-CM	.....	15 1/16	8 13/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CML-CM	21¾	16¾	11¾	41 5/16	36 5/16	31 5/16	19 9/16	42 5/16	37 5/16	32 5/16	20 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CML-26-CM	29⅛	25⅛	20⅛	51⅜	47⅜	42⅜	22¼	52⅜	48⅜	43⅜	23¼	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CMO-CM	22 9/16	17 9/16	12 9/16	42⅛	37⅛	32⅛	19 9/16	43⅛	38⅛	33⅛	20 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RL-CM	15½	11½	8½	35 1/16	31 1/16	28 1/16	19 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RL-25-CM	23⅞	19⅞	16⅞	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RO-CM	16⅛	12⅛	9⅛	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
UD-CM	15⅛	12⅛	7⅞	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
UD-25-CM	24⅜	20⅜	16⅛	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
UL-CM	12 15/16	10 15/16	7 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
YL-CM	12¾	10¾	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
YO-CM	13¼	11¼	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1-P3-CM	11 1/16	8 1/16	6 1/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23D-26-CM	25¼	21¼	18¼	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26D-CM	30⅛	24⅛	20⅛	49 11/16	43 1/16	39 1/16	19 9/16	50 1/16	44 1/16	40 1/16	20 9/16	52 1/16	46 1/16	42 1/16	21 5/16	53 9/16	47 9/16	43 9/16	23 7/16	58½	52½	48½	28⅜	.....	.....	.....	.....
33D-CM	30⅛	24⅛	20⅛	.....	.....	.....	.....	.....	.....	.....	.....	52 1/16	46 1/16	42 1/16	21 5/16	53 9/16	47 9/16	43 9/16	23 7/16	58½	52½	48½	28⅜	60¼	54¼	50¼	30⅛
9025-CM	.....	8 1/16	6 1/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9040-CM	12 7/16	8 7/16	6 7/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11021-CM	14⅝	10⅝	6⅝	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11023A-CM	16⅝	13⅝	10⅝	36 3/16	33 3/16	30 3/16	19 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11023D-CM	15⅞	12⅞	9⅞	35 7/16	32 7/16	29 7/16	19 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11025-CM	20¼	16¼	11¼	39 13/16	35 13/16	30 13/16	19 9/16	40 13/16	36 13/16	31 13/16	20 9/16	42 5/16	38 5/16	33 5/16	21 5/16	43 1/16	39 1/16	34 1/16	23 7/16	.....	.....	.....	.....	.....	.....	.....	.....
11026-CM	23¾	19¾	15¾	43 5/16	39 5/16	35 5/16	19 9/16	44 5/16	40 5/16	36 5/16	20 9/16	45 1/16	41 1/16	37 1/16	21 5/16	47 3/16	43 3/16	39 3/16	23 7/16	52⅛	48⅛	44⅛	28⅜	.....	.....	.....	.....
11029-CM	13 1/16	10 1/16	7 1/16	32⅝	29⅝	26⅝	19 9/16	33⅝	30⅝	27⅝	20 9/16	35	32	29	21 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25818-CM	40 3/16		20 3/16	62⅞	54⅜	42⅞	22 11/16	64 5/16	55 13/16	44 5/16	24⅛	65 11/16	57 3/16	45 11/16	25½	67 3/16	58 11/16	47 3/16	27	.....	.....	.....	.....	.....	.....	.....	.....
26918-CM	43½	35	23½	65 13/16	57 5/16	45 13/16	22 5/16	67 13/16	59 5/16	47 13/16	24 5/16	69 3/16	60 1/16	49 3/16	25 11/16	70 11/16	62 5/16	50 11/16	27 3/16	75 5/8	67⅛	55 5/8	32⅛	.....	.....	.....	.....
29718-CM	26⅛	20⅝	14⅝	48 5/16	43 1/16	37 1/16	22 7/16	50⅛	44⅝	38⅝	24	51½	46	40	25⅜	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* 3¾" STEM FLANGE (¼-⅓ H.P.)
□ 5¼" STEM FLANGE (¼-⅓-½ & ¾ H.P.)
○ 5¼" STEM FLANGE (1-1½ & 2 H.P.)

GUSHER®



Flange Mounted Types

J.I.C. SPECIFICATIONS

GUSHER® J.I.C. SPECIFICATIONS

For Pump installations requiring standard NEMA foot mounted motors to meet J.I.C. specifications, Gusher Pumps has developed a complete line of vertical motor base brackets which may be adapted to any standard model pump 1/10 H.P. thru 15 H.P. motor frame sizes, 48 up to 284U.

TABLE A

MOTOR HORSEPOWER FRAME SIZES

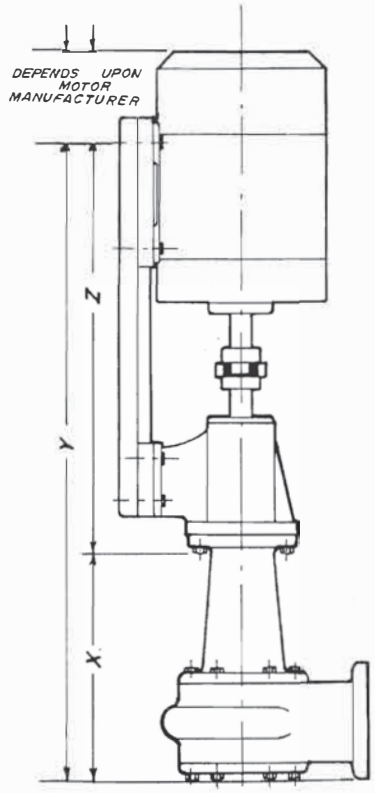
R.P.M.	1/10	1/4	1/3	1/2	3/4	1	1 1/2	2	3	5	7 1/2	10	15
1725	48	48 or 56	56	56	56	56 or 143T or 182U	56 or 145T or 184U	56 or 145T or 184U	182T or 213U	184T or 215U	213T or 254U	215T or 256U	254T or 284U
3450	48	48	56	56	56	56	56 or 143T or 182U	56 or 145T or 184U	182T or 184U	184T or 213U	213T or 215U	215T or 254U	254T or 256U

TABLE B

MOTOR COUPLING SIZE	1/2"	5/8"	5/8"	5/8"	7/8"	7/8"
PUMP COUPLING SIZE	1/2"	3/4"	3/4"	1"	1"	1"
UPPER BALL BEARING	203	204	205	207	207	207
LOWER BALL BEARING	203	205	206	207	207	207
MOTOR BASE BRACKET NO.	6194	6191	6191	6191	6179-T	6179-T
B. B. HOUSING NO.	6141	6190	6192	6199	6199	6199
MOTOR FRAME SIZE	48 FRAME	* 56 FRAME	□ 56 FRAME	° 56 FRAME	143-T FRAME	145-T FRAME

MODEL	X			Y			Z	Y			Z	Y			Z	Y			Z	Y			Z	Y			Z
	X-LONG	LONG	SHORT	X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT	
H-7550-CM	17 3/4	13 3/4	6 3/8	.....	.....	.....	.....	33 5/16	29 5/16	21 15/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-P3-CM	11 3/8	8 3/8	6 3/8	25 7/8	22 7/8	20 7/8	14 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 & 4-P3 CM	11 3/8	8 3/8	6 3/8	25 7/8	22 7/8	20 7/8	14 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5P-4521-CM	11 3/4	8 3/4	6 3/4	26 1/4	23 1/4	21 1/4	12 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9-P3-CM	.....	7 13/16	.....	.....	22 5/16	.....	14 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9025-E-CM	.....	8 3/8	6 3/8	.....	22 7/8	20 7/8	14 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9025-K-CM	.....	8 3/8	6 3/8	.....	22 7/8	20 7/8	14 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11020-CM	12 5/8	10 5/8	6 5/8	.....	.....	.....	.....	28 3/16	26 3/16	22 3/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11020-A-CM	13 1/2	11 1/2	7 1/2	.....	.....	.....	.....	29 1/16	27 1/16	23 1/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11020-B-CM	13 1/2	11 1/2	7 1/2	.....	.....	.....	.....	29 1/16	27 1/16	23 1/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11022-CM	12 5/8	10 5/8	6 5/8	.....	.....	.....	.....	28 3/16	26 3/16	22 3/16	15 5/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11022-C-CM	12 5/8	10 5/8	6 5/8	.....	.....	.....	.....	28 3/16	26 3/16	22 3/16	15 5/16	28 3/4	26 3/4	22 3/4	16 1/8	29 13/16	27 13/16	.....	17 3/16	.....	.....	.....	.....	.....	.....	.....	.....
11022-E-CM	13 5/8	10 5/8	7 5/8	.....	.....	.....	.....	.....	.....	.....	.....	29 3/4	26 3/4	23 3/4	16 1/8	30 13/16	27 13/16	24 13/16	17 3/16	31 11/16	28 11/16	25 11/16	18 1/16	32 1/16	29 1/16	26 1/16	19 1/16
11023-B-CM	16 3/4	13 3/4	10 3/4	.....	.....	.....	.....	.....	.....	.....	.....	32 7/8	29 7/8	26 7/8	16 1/8	.....	.....	.....	.....	34 13/16	31 13/16	28 13/16	18 1/16	35 13/16	32 13/16	29 13/16	19 1/16
11023-C-CM	16 3/4	13 3/4	10 3/4	.....	.....	.....	.....	.....	.....	.....	.....	32 7/8	29 7/8	26 7/8	16 1/8	.....	.....	.....	.....	34 13/16	31 13/16	28 13/16	18 1/16	35 13/16	32 13/16	29 13/16	19 1/16
11023-E-CM	16 3/4	13 3/4	10 3/4	.....	.....	.....	.....	.....	.....	.....	.....	32 7/8	29 7/8	26 7/8	16 1/8	.....	.....	.....	.....	34 13/16	31 13/16	28 13/16	18 1/16	35 13/16	32 13/16	29 13/16	19 1/16
2E-18-CM	26 1/2	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	42 5/8	37 1/8	.....	16 1/8	43 11/16	38 3/16	.....	17 3/16	44 5/16	39 1/16	.....	18 1/16	45 5/16	40 1/16	.....	19 1/16
11024-CM	20 3/8	16 3/8	11 3/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37 9/16	33 1/16	28 5/16	17 3/16	38 7/16	34 7/16	29 7/16	18 1/16	39 7/16	35 7/16	30 7/16	19 1/16
11027-CM	20 3/8	16 3/8	11 3/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37 9/16	33 1/16	28 5/16	17 3/16	38 7/16	34 7/16	29 7/16	18 1/16	39 7/16	35 7/16	30 7/16	19 1/16
11030-CM	24 5/8	20 5/8	16 5/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* 3 3/4" STEM FLANGE (1/4-1/3 H.P.) (MODEL 11022C 1/2 H.P. TAKES 3 1/4" FLANGE)
□ 5 1/4" STEM FLANGE (1/4-1/3-1/2 & 3/4 H.P.)
° 5 1/4" STEM FLANGE (1-1 1/2 & 2 H.P.)



THE FOLLOWING PROCEDURE WILL ENABLE YOU TO FIND THE EXACT DIMENSIONS OF YOUR JIC PUMP

1) Select the required pump model from the INDEX and the corresponding catalog page for that particular model.

2) After selecting the proper pump model, horsepower and R.P.M., refer to Table A to find the required Motor Frame size.

3) Refer to Table B and locate the selected Model then proceed across the chart to the required Motor Frame Column.

IMPORTANT: When ordering always use suffix "CM" after the pump model number (i.e. 2E-18 Long CM).
Also specify motor frame size, H.P. and RPM.

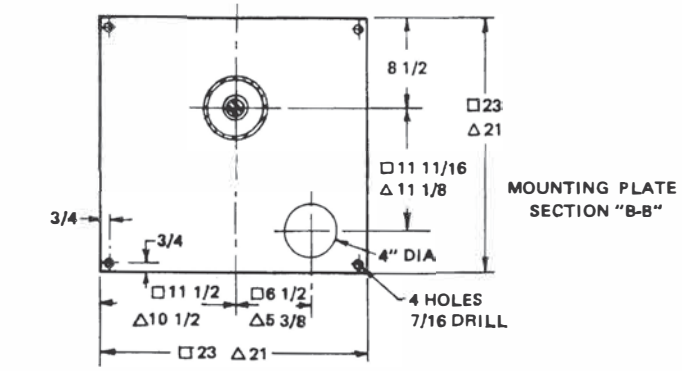
Note: Dimensions and part numbers in Table B apply to 'T" frame motors only. Dimensions and part numbers for "U" frame motors will be furnished upon request.

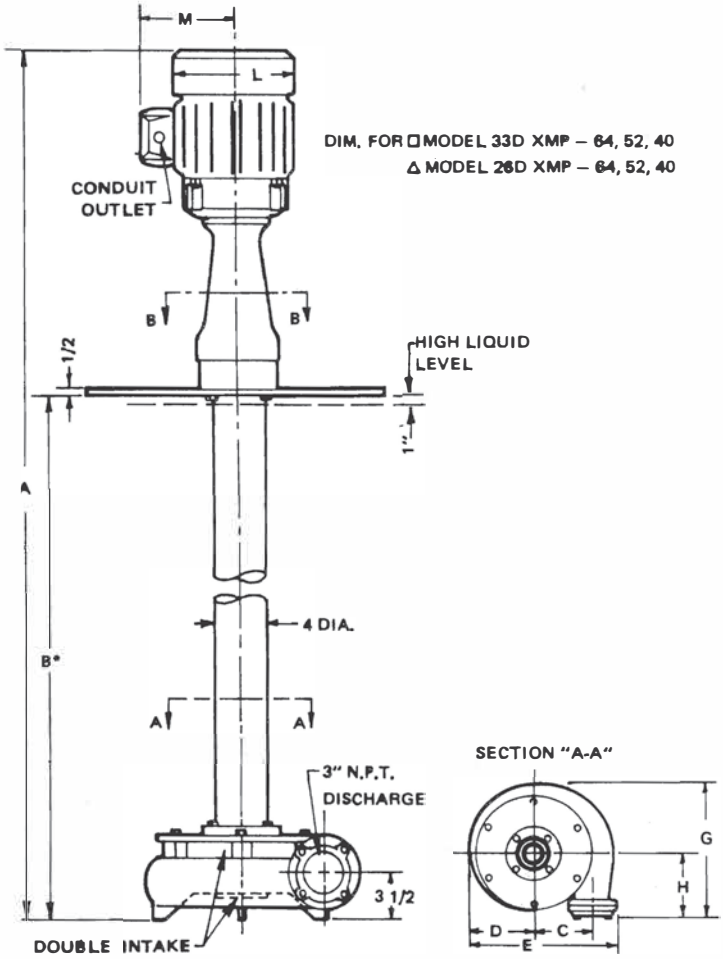
TABLE B

MOTOR COUPLING SIZE	1⅛"			1⅛"				1⅜"				1⅜"				1⅜"				1⅝"			
PUMP COUPLING SIZE	1"			1"				1"				1"				1"				1⅜"			
UPPER BALL BEARING	207			207				207				207				207				207 DOUBLE ROW			
LOWER BALL BEARING	207			207				207				207				207				307			
MOTOR BASE BRACKET NO.	6189-T			6189-T				6187-T				6187-T				7290							
B. B. HOUSING NO.	6188			6188				6186				6186				7280							
MOTOR FRAME SIZE	182-T FRAME			184-T FRAME				213-T FRAME				215-T FRAME				254-T FRAME							
MODEL	X			Y			Z	Y			Z	Y			Z	Y			Z	Y			Z
	X-LONG	LONG	SHORT	X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT		X-LONG	LONG	SHORT	
H-7550-CM	17¾	13¾	6⅜	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-P3-CM	11⅜	8⅜	6⅜	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 & 4-P3 CM	11⅜	8⅜	6⅜	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5P-4521-CM	11¾	8¾	6¾	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9-P3-CM	.....	7 13/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9025-E-CM	.....	8⅜	6⅜	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9025-K-CM	.....	8⅜	6⅜	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11020-CM	12⅝	10⅝	6⅝	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11020-A-CM	13½	11½	7½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11020-B-CM	13½	11½	7½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11022-CM	12⅝	10⅝	6⅝	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11022-C-CM	12⅝	10⅝	6⅝	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11022-E-CM	13⅝	10⅝	7⅝	33 3/16	30 3/16	27 3/16	19 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11023-B-CM	16¾	13¾	10¾	36 5/16	33 5/16	30 5/16	19 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11023-C-CM	16¾	13¾	10¾	36 5/16	33 5/16	30 5/16	19 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11023-E-CM	16¾	13¾	10¾	36 5/16	33 5/16	30 5/16	19 9/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2E-18-CM	26½	21	.....	46 1/16	40 9/16	.....	19 9/16	47 1/16	41 3/16	.....	20 9/16	48 7/16	42 15/16	.....	21 15/16	.....	.....	.....	.....	.....	.....	.....	.....
11024-CM	20⅜	16⅜	11⅜	39 15/16	35 13/16	30 15/16	19 9/16	40 15/16	36 15/16	31 15/16	20 9/16	42 5/16	38 5/16	33 5/16	21 15/16	43 13/16	39 5/16	34 5/16	23 7/16	.....	.....	.....	.....
11027-CM	20⅜	16⅜	11⅜	39 15/16	35 13/16	30 15/16	19 9/16	40 15/16	36 15/16	31 15/16	20 9/16	42 5/16	38 5/16	33 5/16	21 15/16	43 13/16	39 5/16	34 5/16	23 7/16	.....	.....	.....	.....
11030-CM	24⅝	20⅝	16⅝	44 3/16	40 3/16	36 3/16	19 9/16	45 3/16	41 3/16	37 3/16	20 9/16	46 9/16	42 9/16	.....	21 15/16	48 1/16	44 1/16	.....	23 7/16	53	49	.....	28⅜

* 3¼" STEM FLANGE (¼-⅓ H.P.) (MODEL 11022C ½ H.P. TAKES 3¼" FLANGE)
□ 5¼" STEM FLANGE (¼-⅓-½ & ¾ H.P.)
° 5¼" STEM FLANGE (1-1½ & 2 H.P.)

HEAVY DUTY CANTILEVERED ONE PIECE SHAFT DESIGN MAKES IT POSSIBLE TO ELIMINATE THE SHAFT SUPPORT BUSHING ON LENGTHS UP TO 64"





GUSHER®

MODELS
26D & 33D
X11MP-40 X19MP-52 or 64

EXTENDED IMMERSED PUMPS WITHOUT BUSHING

EXTENDED IMMERSED PUMPS WITHOUT BUSHINGS OR BEARINGS BELOW MOUNTING PLATE.

WHEN ORDERING SPECIFY:

- Model 26D-X11MP-40, 26D-X19MP-52 or 64; 33D-X11MP-40, 33D-X19MP-52 or 64
- Impeller number and diameter from performance curves
- Motor horse power and current characteristics

Dimensions in Inches

Model	HP	FR	A	B	C	D	E	G	H	L	M
26D-X11MP-40	3	182C	66¾	40	5⅜	5½	13⁹⁄₁₆	13½	6¾	9⅜	7¼
	5	184TC	67¾	40	5⅜	5½	13⁹⁄₁₆	13½	6¾	9⅜	7¼
	7½	213TC	68⅛	40	5⅜	5½	13⁹⁄₁₆	13½	6¾	10⅞	9⅛
	10	215TC	101⅞	40	5⅜	5½	13⁹⁄₁₆	13½	6¾	10⅞	9⅛
26D-X19MP-52	3	182TC	86¾	52	5⅜	5½	13⁹⁄₁₆	13½	6¾	9⅜	7¼
	5	184TC	87¾	52	5⅜	5½	13⁹⁄₁₆	13½	6¾	9⅜	7¼
	7½	213TC	88⅛	52	5⅜	5½	13⁹⁄₁₆	13½	6¾	10⅞	9⅛
	10	215TC	89¾	52	5⅜	5½	13⁹⁄₁₆	13½	6¾	10⅞	9⅛
26D-X19MP-64	3	182C	98¾	64	5⅜	5½	13⁹⁄₁₆	13½	6¾	9⅜	7¼
	5	184TC	99¾	64	5⅜	5½	13⁹⁄₁₆	13½	6¾	9⅜	7¼
	7½	213TC	100⅛	64	5⅜	5½	13⁹⁄₁₆	13½	6¾	10⅞	9⅛
	10	215TC	101¾	64	5⅜	5½	13⁹⁄₁₆	13½	6¾	10⅞	9⅛
33D-X11MP-40	7½	213TC	68⅛	40	6½	7¼	16⁷⁄₁₆	15⁵⁄₁₆	7⅝	10⅞	9⅛
	10	215TC	69¾	40	6½	7¼	16⁷⁄₁₆	15⁵⁄₁₆	7⅝	10⅞	9⅛
33D-X19MP-52	7½	213TC	88⅛	52	6½	7¼	16⁷⁄₁₆	15⁵⁄₁₆	7⅝	10⅞	9⅛
	10	215TC	89¾	52	6½	7¼	16⁷⁄₁₆	15⁵⁄₁₆	7⅝	10⅞	9⅛
33D-X19MP-64	7½	213TC	100⅛	64	6½	7¼	16⁷⁄₁₆	15⁵⁄₁₆	7⅝	10⅞	9⅛
	10	215TC	101¾	64	6½	7¼	16⁷⁄₁₆	15⁵⁄₁₆	7⅝	10⅞	9⅛

*Last two digits of model number denotes immersion depth.
Example: Model 33D-X19MP-64 (64) represents 64" immersion.
Note: Piping can be furnished on request.
Above dimensions are for 230/460V-60 Cy.-3 Ph.-1725 RPM-TEFC motor.
Dimensions are for estimating only. Write for certified drawings.

