



Bell & Gossett
a xylem brand

SUBMITTAL

S421C

JOB

B & G REPRESENTATIVE

UNIT TAG NO.

ORDER NO.

DATE

ENGINEER

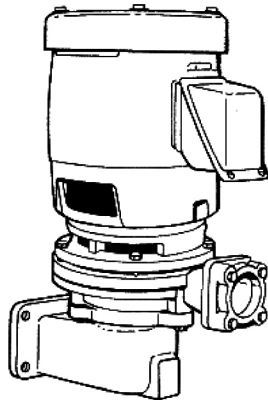
SUBMITTED BY

DATE

CONTRACTOR

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DATE



STYLE PF-B SHOWN

Series B35™ Style PF and Style PVF 2' (609.6mm) NPSH Centrifugal Pumps

SPECIFICATIONS

☐ **STYLE PF-B**

Vertical Suction Flange Mounted Pump

☐ **STYLE PVF-B**

Vertical Foot Mounted Pump

MATERIALS OF CONSTRUCTION

Bronze Fitted Pump with Bronze Wear Ring

Stainless Steel Motor Shaft

MECHANICAL SEAL

Carbon/Ceramic Faces

Temperature Range:

-20°F to +250°F (-29°C to +121°C)

PH Limits: 7-9

☐ Buna N Elastomers (Standard)

☐ Viton Elastomers (Optional)

CONDITIONS

_____ GPM _____ FT.

ELECTRICAL DATA _____ HP

_____ VOLTS _____ CY _____ PH

MOTOR ENCLOSURE

☐ ODP

☐ TEFC

☐ EXPLOSION PROOF

APPROXIMATE WEIGHT _____ LBS

APPROXIMATE MOTOR DIMENSIONS IN INCHES (MM)

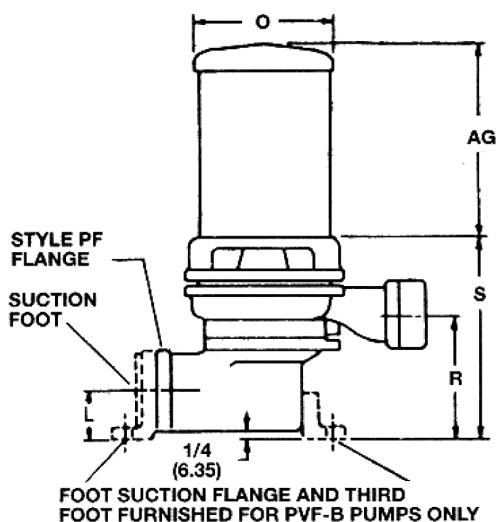
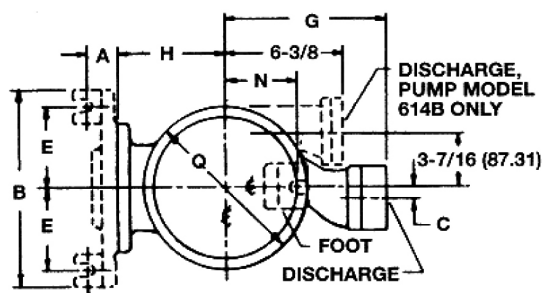
3500 RPM

ODP MOTOR HP	1/3	1/2	3/4	1	1 1/2	2	3	5	7 1/2	10	15
Dimension O	5 3/4 (146.1)	6 1/4 (158.8)	6 3/4 (171.5)	6 3/4 (171.5)	6 3/4 (171.5)	6 3/4 (171.5)	6 3/4 (171.5)	10 3/8 (263.6)	10 3/8 (263.6)	11 1/2 (292.1)	11 1/2 (292.1)
Dimension AG	8 1/2 (215.9)	8 1/2 (215.9)	8 3/4 (222.3)	8 3/4 (222.3)	8 3/4 (222.3)	8 3/4 (222.3)	9 1/2 (241.3)	12 1/2 (317.5)	14 (355.6)	17 (431.8)	17 (431.8)

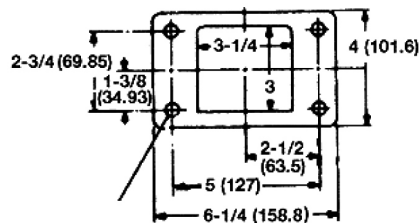
APPROXIMATE MOTOR DIMENSIONS IN INCHES (MM)

3500 RPM

TEFC MOTOR HP	1/3	1/2	3/4	1	1 1/2	2	3	5	7 1/2	10	15
Dimension O	—	6 3/4 (171.5)	6 3/4 (171.5)	6 3/4 (171.5)	7 (177.8)	7 (177.8)	9 1/4 (247.7)	10 3/8 (263.6)	11 1/2 (292.1)	11 1/2 (292.1)	13 1/4 (336.6)
Dimension AG	—	10 1/2 (266.7)	10 1/4 (260.4)	10 1/2 (266.7)	10 1/4 (260.4)	10 3/4 (273.1)	13 1/2 (342.9)	14 (355.6)	17 (431.8)	17 (431.8)	20 (508)

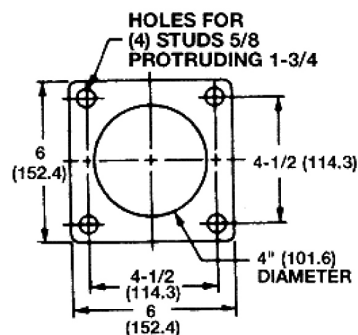


**Suction Mounting
Flange Dimensions
(Style PF)**



HOLES FOR (4) STUDS 1/2 (12.7)
PROTRUDING 1-1/2 (38.1)

FLANGE A



FLANGE D

PUMP DIMENSIONS IN INCHES (MM)

PUMP MODEL	HP	SUCTION MOUNTING FLANGE	SUCTION	DISCH.	A	B	C	E	G	H	L	N	Q	R	S
613B	5	A	2 1/2 (63.5)	2* (50.8)	1 9/16 (39.7)	9 1/2 (241.3)	1/2 (12.7)	3 15/16 (100)	7 5/8 (193.7)	6 (152.4)	2 1/4 (57.2)	3 5/8 (92.1)	8 1/4 (209.6)	6 5/8 (161.9)	9 7/8 (250.8)
614B	5-7 1/2	D	4 (101.6)	2 1/2* (63.5)	1 5/8 (41.3)	11 (279.4)	SEE SKETCH	4 11/16 (119.1)	SEE SKETCH	6 3/4 (171.5)	3 1/4 (82.6)	2 13/16 (71.4)	9 (228.6)	9 7/16 (239.7)	13 (330.2)
616B	1 1/2-2	A	2 (50.8)	1 1/2 (38.1)	1 9/16 (39.7)	9 1/2 (241.3)	1/2 (12.7)	3 15/16 (100)	6 (152.4)	5 1/4 (133.4)	2 1/4 (57.2)	3 (76.2)	8 (203.2)	5 (127)	8 (203.2)
617B	3/4-3												8 1/4 (209.6)		
618B	5-15	D	4 (101.6)	2* (50.8)	1 5/8 (41.3)	11 (279.3)	1 (25.4)	4 11/16 (119.1)	7 3/4 (196.9)	6 3/4 (171.5)	3 1/4 (82.6)	2 13/16 (71.4)	10 (254)	9 1/8 (231.8)	12 3/4 (323.9)
620B	3-7 1/2	A	2 1/2 (63.5)	1 1/2*† (38.1)	1 9/16 (39.7)	9 1/2 (241.3)		3 15/16 (100)	7 5/8 (193.7)	6 (152.4)	2 1/4 (57.2)	3 5/8 (92.1)		6 (152.4)	9 1/2 (241.3)
625B	1 1/2-5	D	4 (101.6)	2 (50.8)	1 5/8 (41.3)	11 (279.3)	1/2 (12.7)	4 11/16 (119.1)	7 5/8 (193.7)	6 3/4 (171.5)	3 1/4 (82.6)	2 13/16 (71.4)	9 (228.6)	8 1/4 (222.3)	13 1/8 (333.4)
626B	3/4-3	A	2 1/2 (63.5)		1 9/16 (39.7)	9 1/2 (241.3)	1/2 (12.7)	3 15/16 (100)	7 5/8 (193.7)	6 (152.4)	2 1/4 (57.2)	3 5/8 (92.1)	8 (203.2)	6 (152.4)	9 1/2 (241.3)
627B	3												8 1/4 (209.6)	6 1/2 (165.1)	9 1/4 (235)

* Flanged Discharge.

† 1 1/2" Discharge for below 60 GPM. 2" Discharge for 60 GPM and above.

xylem
Let's Solve Water

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