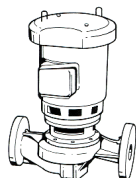


JOB:		REPRESENTATIVE:	
UNIT TAG:	ORDER NO.	DATE:	
ENGINEER:	SUBMITTED BY:	DATE:	
CONTRACTOR:	APPROVED BY:	DATE:	



2x2x7B

Marlow Series e-580

In-Line Mounted Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ INPUT PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ Stainless Steel Fitted

MAXIMUM WORKING PRESSURE

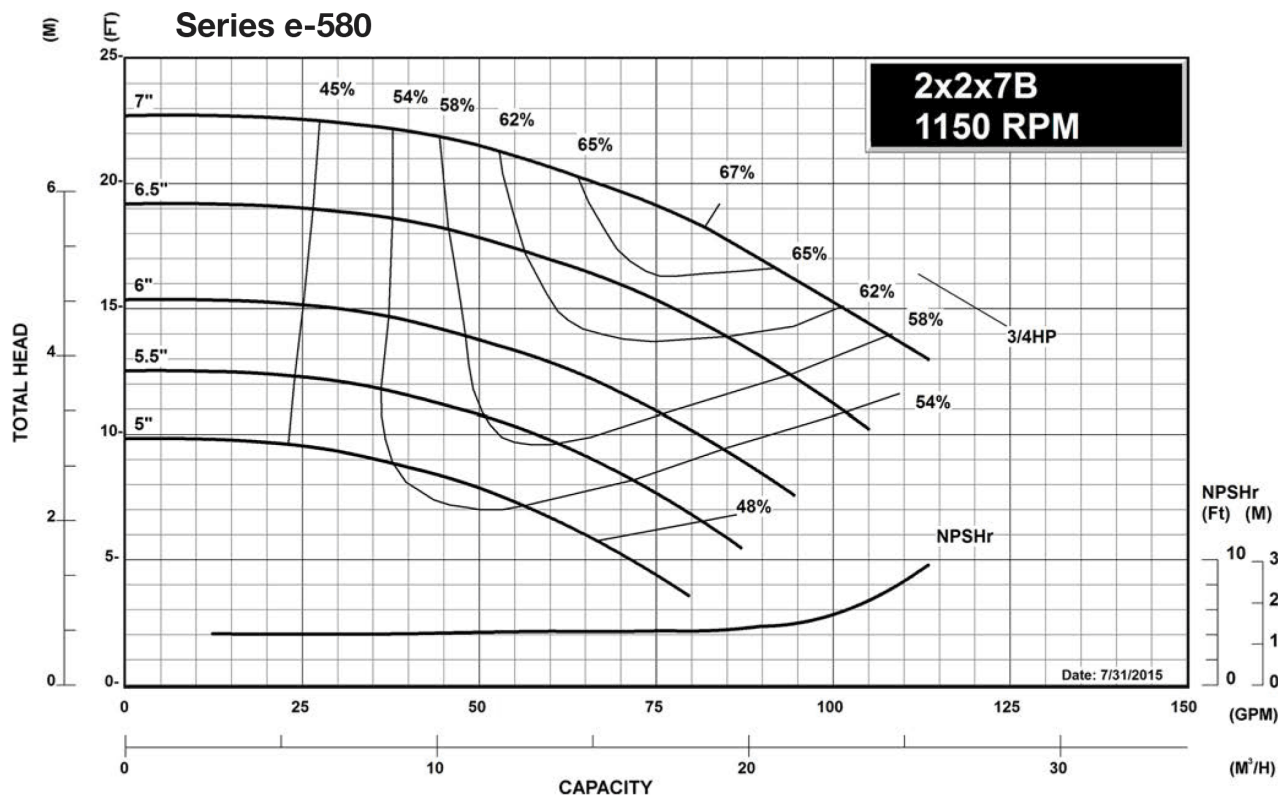
- ☐ 175 psi (12 bar) with 125# ANSI flange drilling
- ☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

MOUNTING

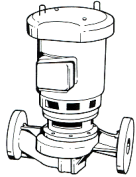
- ☐ In-Line Piping ☐ Flange Supports

TYPE OF SEAL

- ☐ -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)



JOB:		REPRESENTATIVE:	
UNIT TAG:	ORDER NO.	DATE:	
ENGINEER:	SUBMITTED BY:	DATE:	
CONTRACTOR:	APPROVED BY:	DATE:	



2x2x7B

Marlow Series e-580

In-Line Mounted Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ INPUT PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ Stainless Steel Fitted

MAXIMUM WORKING PRESSURE

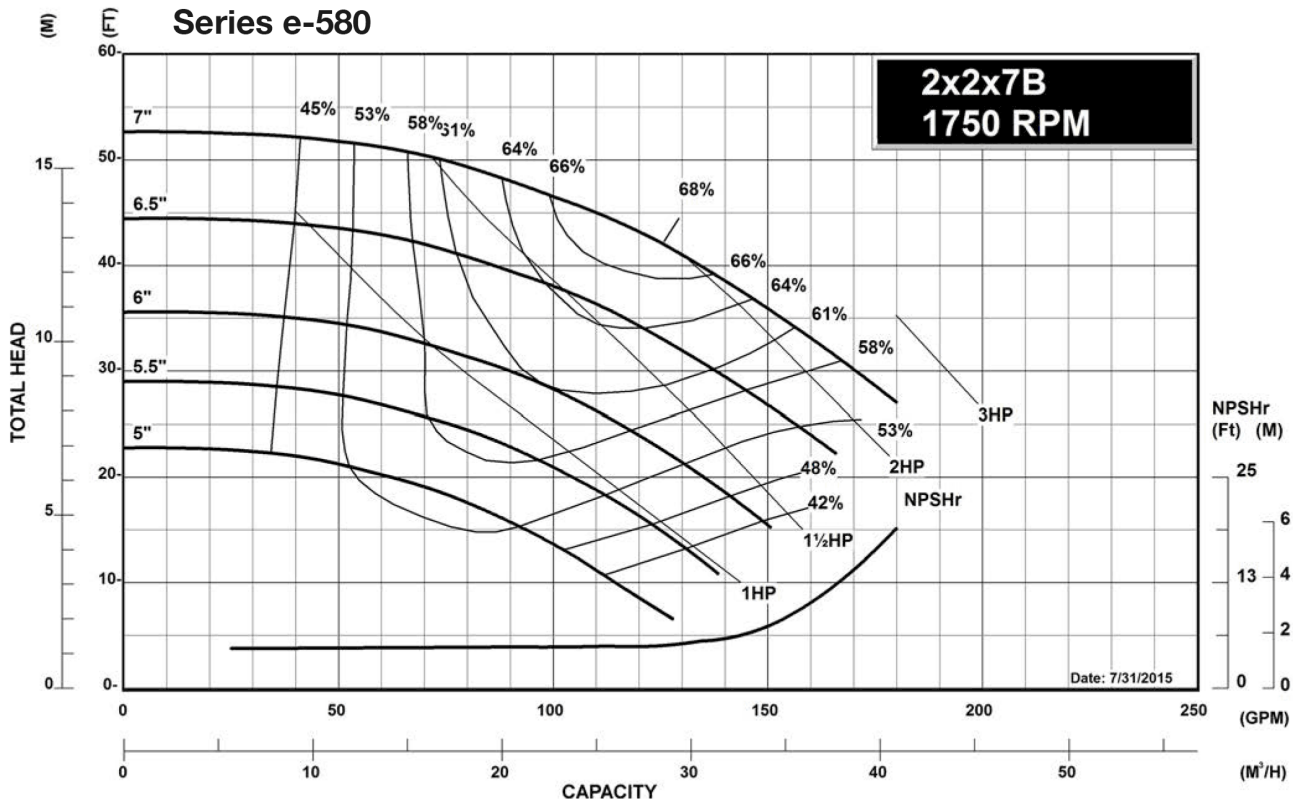
- ☐ 175 psi (12 bar) with 125# ANSI flange drilling
- ☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

MOUNTING

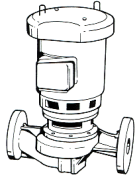
☐ In-Line Piping ☐ Flange Supports

TYPE OF SEAL

- ☐ -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)



JOB:		REPRESENTATIVE:	
UNIT TAG:	ORDER NO.	DATE:	
ENGINEER:	SUBMITTED BY:	DATE:	
CONTRACTOR:	APPROVED BY:	DATE:	



2x2x7B

Marlow Series e-580

In-Line Mounted Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ INPUT PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ Stainless Steel Fitted

MAXIMUM WORKING PRESSURE

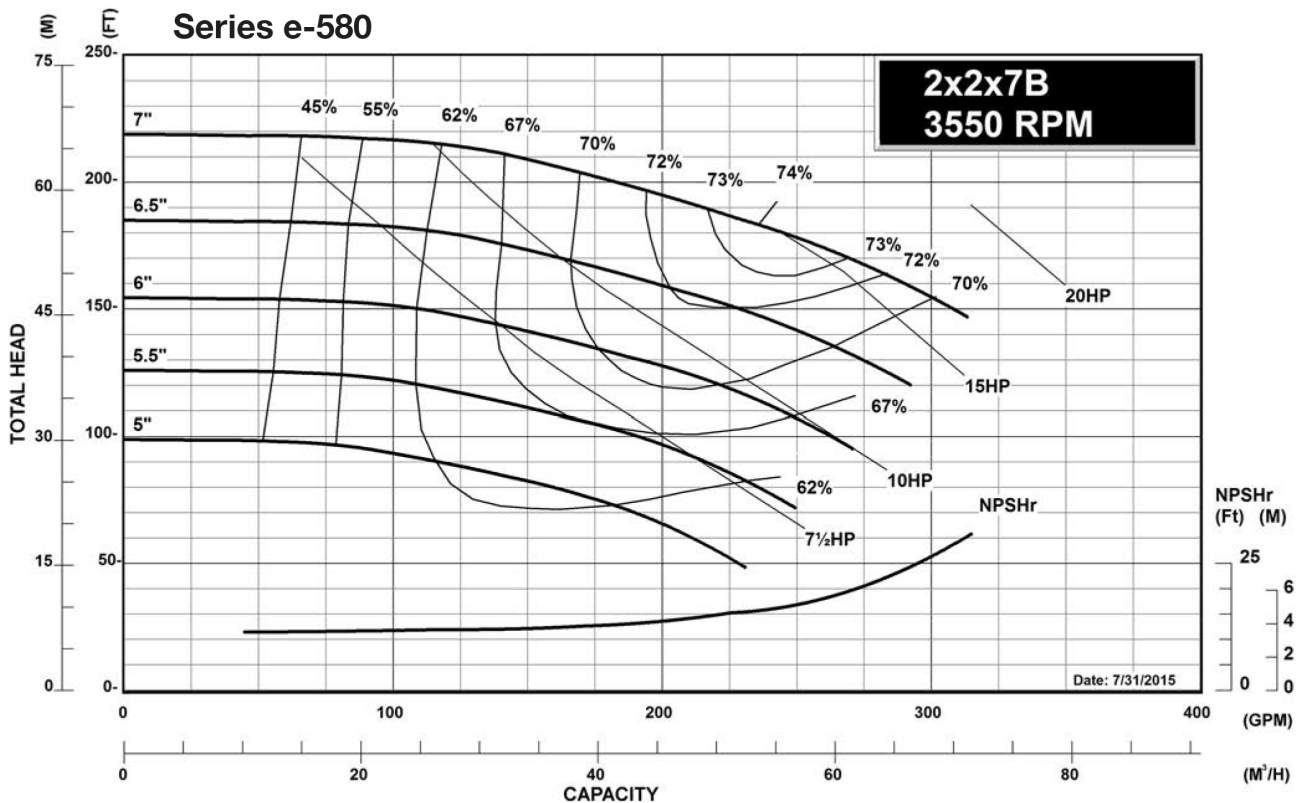
- ☐ 175 psi (12 bar) with 125# ANSI flange drilling
- ☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

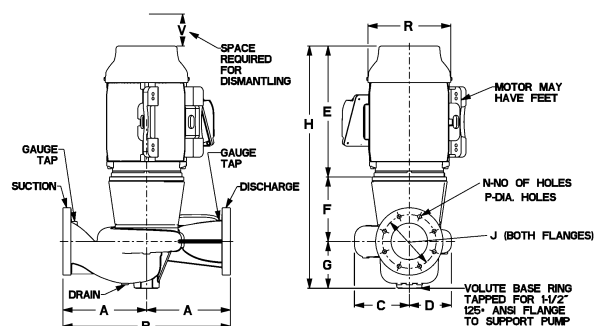
MOUNTING

☐ In-Line Piping ☐ Flange Supports

TYPE OF SEAL

- ☐ -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)





2x2x7B Marlow Series e-580

Centrifugal Pump Submittal - In-Line Piping

DIMENSIONS - Inches (mm)

STANDARD SEAL

MOTOR FRAME	A	B	C	D	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
									J	N	P	J	N	P					
143JM	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	11.63 (295)	4.63 (117)	5.13 (130)	21.38 (543)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
145JM	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	12.63 (321)	4.63 (117)	5.13 (130)	22.38 (568)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JM	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	15.31 (389)	4.63 (117)	5.13 (130)	25.06 (637)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JM	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	15.31 (389)	4.63 (117)	5.13 (130)	25.06 (637)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
213JM	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	19.25 (489)	4.63 (117)	5.13 (130)	29.00 (737)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
215JM	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	19.25 (489)	4.63 (117)	5.13 (130)	29.00 (737)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
254JM	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	24.13 (613)	5.63 (143)	5.13 (130)	34.88 (886)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	17.00 (432)	-	4.00 (102)	0.25	0.25

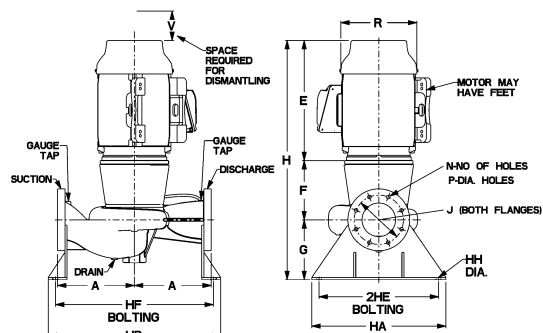
STUFFING BOX

MOTOR FRAME	A	B	C	D	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
									J	N	P	J	N	P					
143JP	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	11.63 (295)	7.75 (197)	5.13 (130)	24.50 (622)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
145JP	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	12.63 (321)	7.75 (197)	5.13 (130)	25.50 (648)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JP	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	15.31 (389)	7.75 (197)	5.13 (130)	28.19 (716)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JP	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	15.31 (389)	7.75 (197)	5.13 (130)	28.19 (716)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
213JP	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	19.25 (489)	8.50 (216)	5.13 (130)	32.88 (835)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
215JP	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	19.25 (489)	8.50 (216)	5.13 (130)	32.88 (835)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
254JP	8.50 (216)	17.00 (432)	4.65 (118)	5.12 (130)	24.13 (613)	8.50 (216)	5.13 (130)	37.75 (959)	4.75 (121)	4 (19)	0.75 (19)	5.00 (127)	8 (19)	0.75 (19)	17.00 (432)	-	4.00 (102)	0.25	0.25

Dimensions are subject to change. Not to be used for construction purposes unless certified.

NOTE: For Single phase Motors add 1" to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.



2x2x7B

Marlow Series e-580

Centrifugal Pump Submittal - Flange Support Mounting

DIMENSIONS - Inches (mm)

STANDARD SEAL

MOTOR FRAME	A	HF BOLTING	HB	2HE BOLTING	HA	HH DIA	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
											J	N	P	J	N	P					
143JM	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	11.63 (295)	4.63 (117)	6.38 (162)	22.63 (575)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
145JM	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	12.63 (321)	4.63 (117)	6.38 (162)	23.63 (600)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JM	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	15.31 (389)	4.63 (117)	6.38 (162)	26.31 (668)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JM	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	15.31 (389)	4.63 (117)	6.38 (162)	26.31 (668)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
213JM	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	19.25 (489)	4.63 (117)	6.38 (162)	30.25 (768)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
215JM	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	19.25 (489)	4.63 (117)	6.38 (162)	30.25 (768)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
254JM	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	24.13 (613)	5.63 (143)	6.38 (162)	36.13 (918)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.00 (102)	0.25	0.25
256JP	9.50 (241)	21.74 (552)	25.24 (641)	16.50 (419)	20.00 (508)	0.88 (22)	24.13 (613)	8.56 (217)	4.50 (114)	37.25 (946)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	17.00 (432)	-	4.00 (102)	0.25	0.25
284JP	9.50 (241)	21.74 (552)	25.24 (641)	16.50 (419)	20.00 (508)	0.88 (22)	23.63 (600)	8.56 (217)	4.50 (114)	36.75 (933)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	16.13 (410)	4.63 (117)	4.00 (102)	0.25	0.25
286JP	9.50 (241)	21.74 (552)	25.24 (641)	16.50 (419)	20.00 (508)	0.88 (22)	25.13 (638)	8.56 (217)	4.50 (114)	38.25 (972)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	16.13 (410)	4.63 (117)	4.00 (102)	0.25	0.25

STUFFING BOX

MOTOR FRAME	A	HF BOLTING	HB	ZHE BOLTING	HA	HH DIA	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
											J	N	P	J	N	P					
143JP	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	11.63 (295)	7.75 (197)	6.38 (162)	25.75 (654)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
145JP	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	12.63 (321)	7.75 (197)	6.38 (162)	26.75 (679)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JP	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	15.31 (389)	7.75 (197)	6.38 (162)	29.44 (748)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JP	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	15.31 (389)	7.75 (197)	6.38 (162)	29.44 (748)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
213JP	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	19.25 (489)	8.50 (216)	6.38 (162)	34.13 (867)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
215JP	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	19.25 (489)	8.50 (216)	6.38 (162)	34.13 (867)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.00 (102)	0.25	0.25
254JP	8.50 (216)	19.50 (495)	23.00 (584)	21.50 (546)	25.00 (635)	0.88 (22)	24.13 (613)	8.50 (216)	6.38 (162)	39.00 (991)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.00 (102)	0.25	0.25
256JP	9.50 (241)	21.74 (552)	25.24 (641)	16.50 (419)	20.00 (508)	0.88 (22)	24.13 (613)	8.56 (217)	4.50 (114)	37.25 (946)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	17.00 (432)	-	4.00 (102)	0.25	0.25
284JP	9.50 (241)	21.74 (552)	25.24 (641)	16.50 (419)	20.00 (508)	0.88 (22)	23.63 (600)	8.56 (217)	4.50 (114)	36.75 (933)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	16.13 (410)	4.63 (117)	4.00 (102)	0.25	0.25
286JP	9.50 (241)	21.74 (552)	25.24 (641)	16.50 (419)	20.00 (508)	0.88 (22)	25.13 (638)	8.56 (217)	4.50 (114)	38.13 (968)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	16.13 (410)	4.63 (117)	4.00 (102)	0.25	0.25

Dimensions are subject to change. Not to be used for construction purposes unless certified.

NOTE: For Single phase Motors add 1" to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.

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