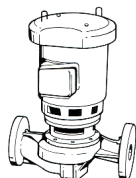


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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5x5x7B

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

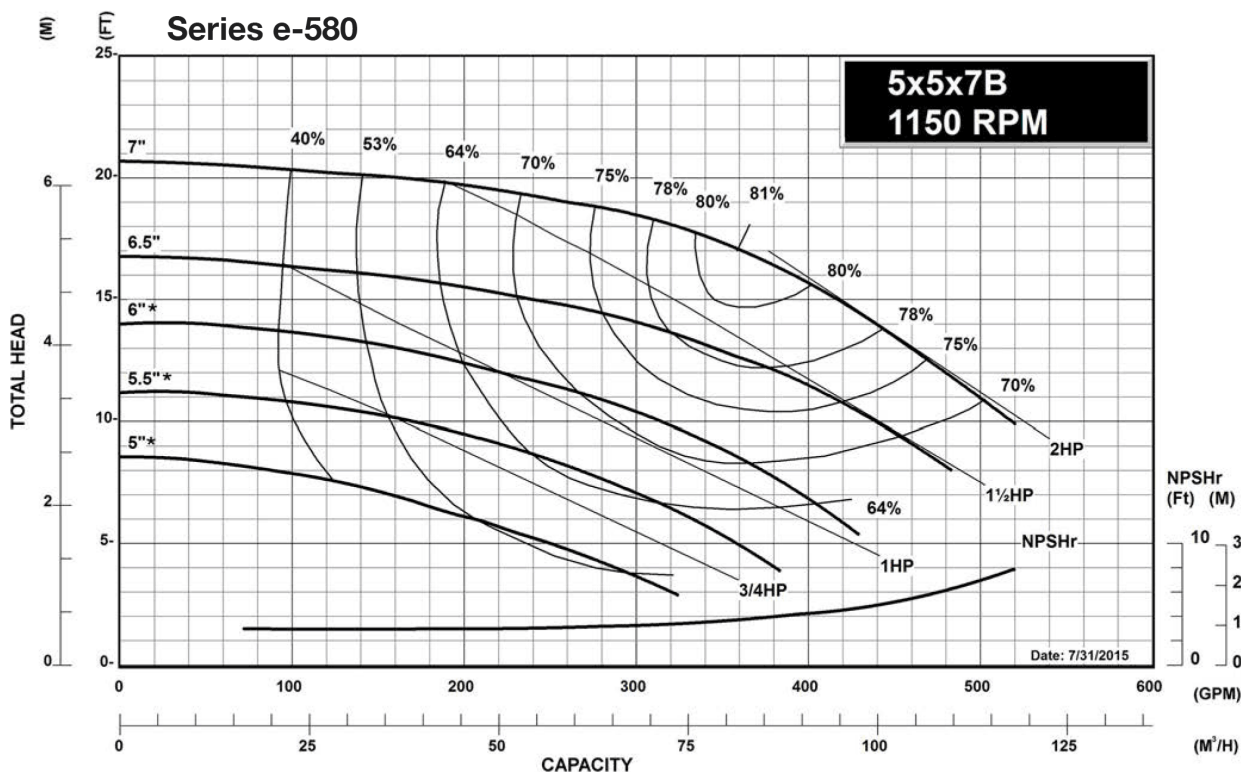
- ☐ 175 psi (12 bar) with 125# ANSI flange drilling
- ☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

MOUNTING

- ☐ In-Line Piping ☐ Flange Supports

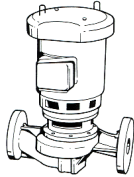
TYPE OF SEAL

- ☐ -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)



*6" and below requires oversized diameter and angle trim. See manual.

JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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5x5x7B

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

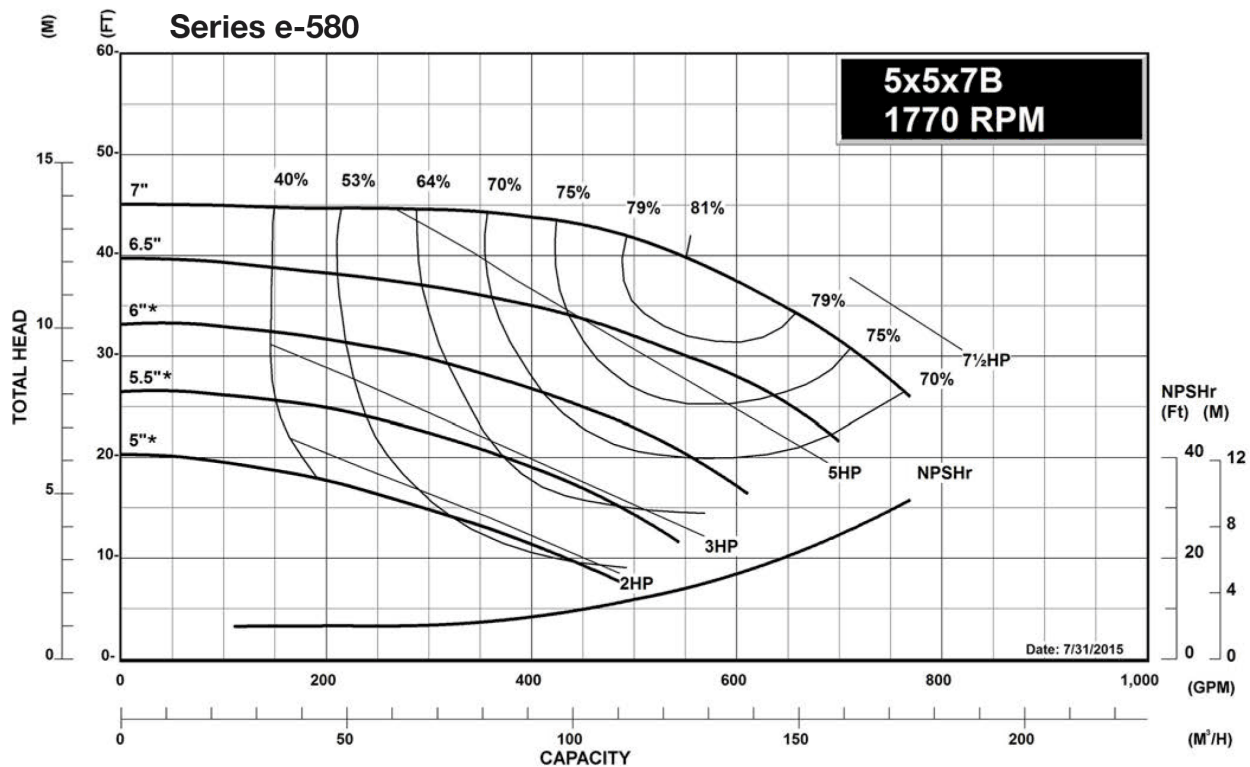
- ☐ 175 psi (12 bar) with 125# ANSI flange drilling
☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

MOUNTING

☐ In-Line Piping ☐ Flange Supports

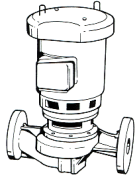
TYPE OF SEAL

- ☐ -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)



*6" and below requires oversized diameter and angle trim. See manual.

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



5x5x7B

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

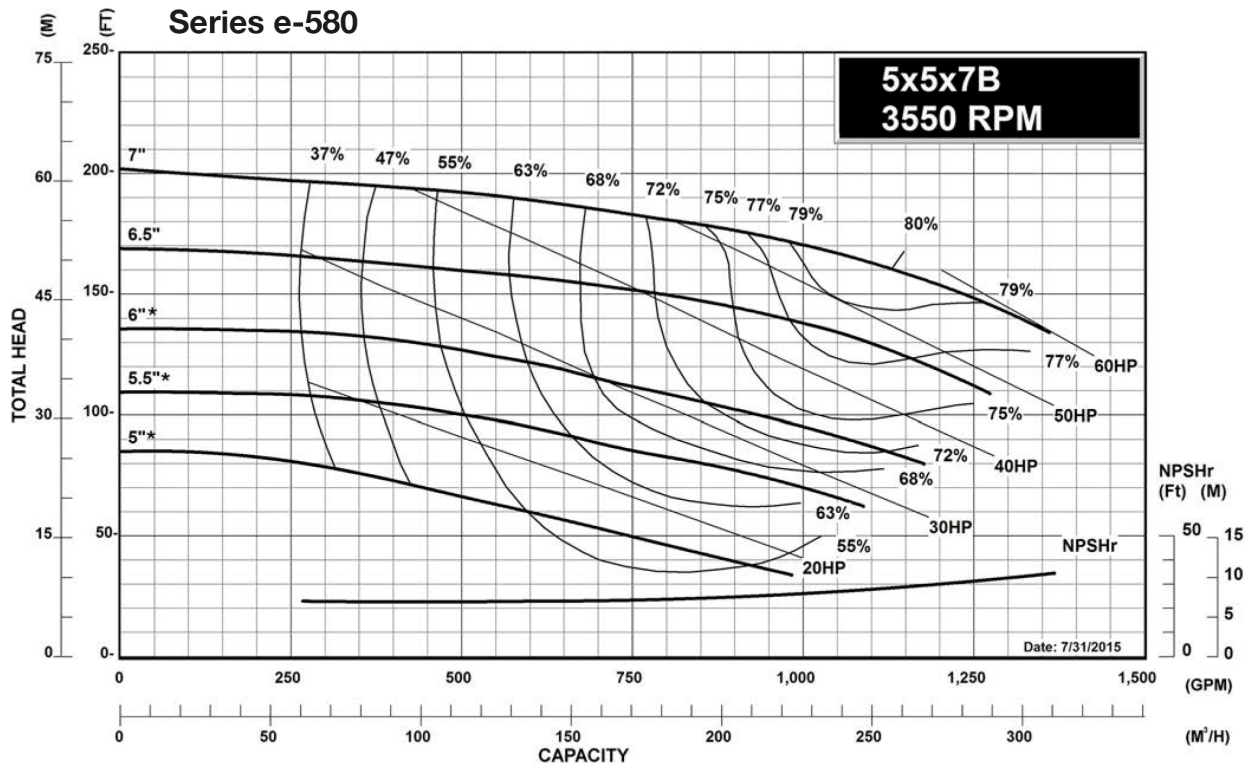
- ☐ 175 psi (12 bar) with 125# ANSI flange drilling
- ☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

MOUNTING

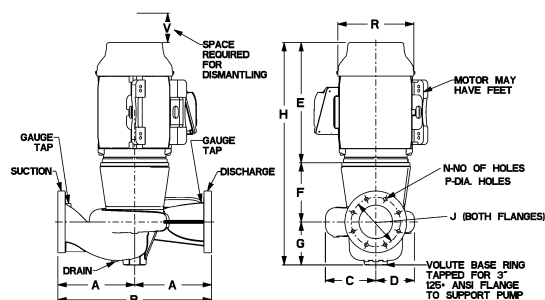
- ☐ In-Line Piping ☐ Flange Supports

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)



*6" and below requires oversized diameter and angle trim. See manual.



5x5x7B

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					
145JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	12.63 (321)	5.50 (140)	7.28 (185)	25.41 (645)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	9.75 (248)	1.50 (38)	4.50 (114)	0.25	0.25
182JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	15.31 (389)	5.50 (140)	7.28 (185)	28.09 (714)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
184JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	15.31 (389)	5.50 (140)	7.28 (185)	28.09 (714)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
213JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	19.25 (489)	5.50 (140)	7.28 (185)	32.03 (814)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
215JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	19.25 (489)	5.50 (140)	7.28 (185)	32.03 (814)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
254JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	24.13 (613)	6.50 (165)	7.28 (185)	37.91 (963)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
256JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	24.13 (613)	6.50 (165)	7.28 (185)	37.91 (963)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
284JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	23.63 (600)	6.50 (165)	7.28 (185)	37.41 (950)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
286JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	25.13 (638)	6.50 (165)	7.28 (185)	38.91 (988)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
324JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	26.00 (660)	6.50 (165)	7.28 (185)	39.78 (1010)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	0.25	0.25
326JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	26.00 (660)	6.50 (165)	7.28 (185)	39.78 (1010)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	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					
145JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	12.63 (321)	8.63 (219)	7.28 (185)	28.53 (725)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	9.75 (248)	1.50 (38)	4.50 (114)	0.25	0.25
182JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	15.31 (389)	8.63 (219)	7.28 (185)	31.22 (793)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
184JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	15.31 (389)	8.63 (219)	7.28 (185)	31.22 (793)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
213JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	19.25 (489)	9.38 (238)	7.28 (185)	35.91 (912)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
215JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	19.25 (489)	9.38 (238)	7.28 (185)	35.91 (912)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
254JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	24.13 (613)	9.38 (238)	7.28 (185)	40.78 (1036)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
256JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	24.13 (613)	9.38 (238)	7.28 (185)	40.78 (1036)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
284JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	23.63 (600)	9.38 (238)	7.28 (185)	40.28 (1023)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
286JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	25.13 (638)	9.38 (238)	7.28 (185)	41.78 (1061)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
324JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	26.00 (660)	9.38 (238)	7.28 (185)	42.66 (1083)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	0.25	0.25
326JM	12.00 (305)	24.00 (610)	5.69 (145)	8.31 (211)	26.00 (660)	9.38 (238)	7.28 (185)	42.66 (1083)	8.50 (216)	8 (22)	0.88 (22)	9.25 (235)	8 (22)	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	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.

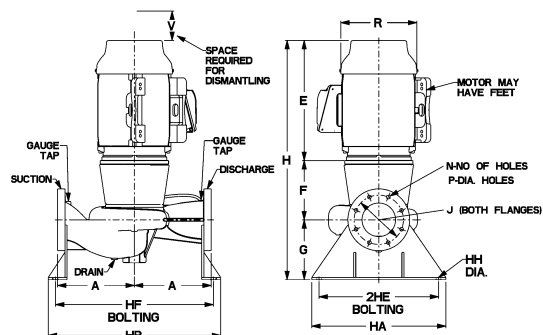
*Dimensions are for ODP Motors. For TEFC Add S dimension to dimensions E & H.

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Let's Solve Water



5x5x7B

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					
145JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	12.63 (321)	5.50 (140)	9.50 (241)	27.63 (702)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	9.75 (248)	1.50 (38)	4.50 (114)	0.25	0.25
182JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	15.31 (389)	5.50 (140)	9.50 (241)	30.31 (770)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
184JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	15.31 (389)	5.50 (140)	9.50 (241)	30.31 (770)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
213JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	19.25 (489)	5.50 (140)	9.50 (241)	34.25 (870)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
215JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	19.25 (489)	5.50 (140)	9.50 (241)	34.25 (870)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
254JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	24.13 (613)	6.50 (165)	9.50 (241)	40.13 (1019)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
256JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	24.13 (613)	6.50 (165)	9.50 (241)	40.13 (1019)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
284JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	23.63 (600)	6.50 (165)	9.50 (241)	39.63 (1006)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
286JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	25.13 (638)	6.50 (165)	9.50 (241)	41.13 (1045)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
324JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	26.00 (660)	6.50 (165)	9.50 (241)	42.00 (1067)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	0.25	0.25
326JM	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	26.00 (660)	6.50 (165)	9.50 (241)	42.00 (1067)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	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					
145JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	12.63 (321)	8.63 (219)	9.50 (241)	30.75 (781)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	9.75 (248)	1.50 (38)	4.50 (114)	0.25	0.25
182JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	15.31 (389)	8.63 (219)	9.50 (241)	33.44 (849)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
184JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	15.31 (389)	8.63 (219)	9.50 (241)	33.44 (849)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
213JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	19.25 (489)	9.38 (238)	9.50 (241)	38.13 (968)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
215JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	19.25 (489)	9.38 (238)	9.50 (241)	38.13 (968)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	14.00 (356)	-	4.50 (114)	0.25	0.25
254JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	24.13 (613)	9.38 (238)	9.50 (241)	43.00 (1092)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
256JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	24.13 (613)	9.38 (238)	9.50 (241)	43.00 (1092)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	17.00 (432)	-	4.50 (114)	0.25	0.25
284JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	23.63 (600)	9.38 (238)	9.50 (241)	42.50 (1080)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
286JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	25.13 (638)	9.38 (238)	9.50 (241)	44.00 (1118)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
324JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	26.00 (660)	9.38 (238)	9.50 (241)	44.88 (1140)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	0.25	0.25
326JP	12.00 (305)	24.44 (621)	28.94 (735)	21.50 (546)	25.00 (635)	1.00 (25)	26.00 (660)	9.38 (238)	9.50 (241)	44.88 (1140)	8.50 (216)	8	0.88 (22)	9.25 (235)	8	0.88 (22)	18.75 (476)	4.63 (117)	4.50 (114)	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.