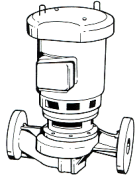


<b>JOB:</b>	<b>REPRESENTATIVE:</b>	
<b>UNIT TAG:</b>	<b>ORDER NO.:</b>	<b>DATE:</b>
<b>ENGINEER:</b>	<b>SUBMITTED BY:</b>	<b>DATE:</b>
<b>CONTRACTOR:</b>	<b>APPROVED BY:</b>	<b>DATE:</b>



## 1.5x1.5x7C 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**

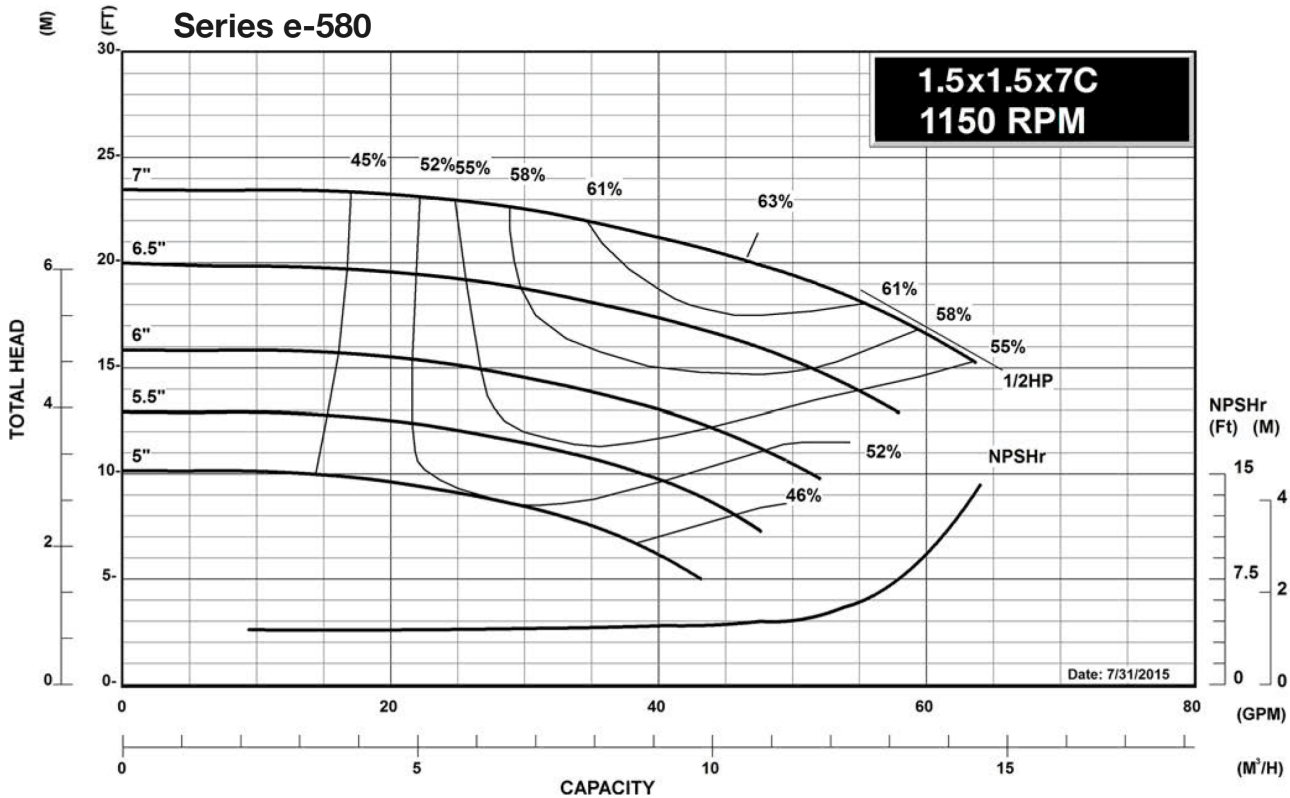
- 175 psi (12 bar) with 125# ANSI flange drilling
- 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

**MOUNTING**

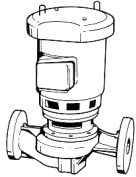
- In-Line Piping
- Flange Supports

**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)



<b>JOB:</b>  <b>UNIT TAG:</b> <b>ENGINEER:</b> <b>CONTRACTOR:</b>	<b>REPRESENTATIVE:</b>  <b>ORDER NO.:</b> <b>SUBMITTED BY:</b> <b>APPROVED BY:</b>	<b>DATE:</b> <b>DATE:</b> <b>DATE:</b>
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## 1.5x1.5x7C

### 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**

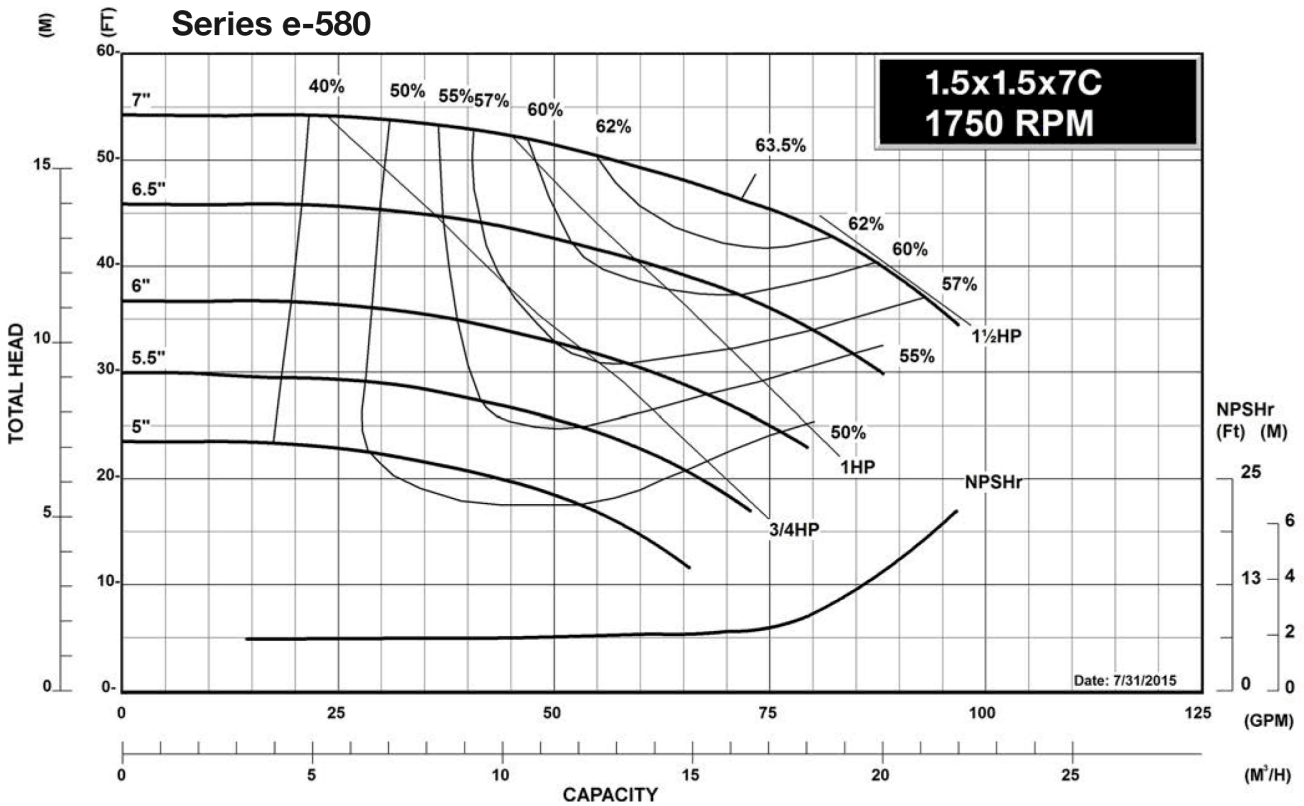
- 175 psi (12 bar) with 125# ANSI flange drilling
- 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

**MOUNTING**

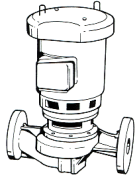
- In-Line Piping
- Flange Supports

**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)



<b>JOB:</b>	<b>REPRESENTATIVE:</b>	
<b>UNIT TAG:</b>	<b>ORDER NO.:</b>	<b>DATE:</b>
<b>ENGINEER:</b>	<b>SUBMITTED BY:</b>	<b>DATE:</b>
<b>CONTRACTOR:</b>	<b>APPROVED BY:</b>	<b>DATE:</b>



## 1.5x1.5x7C

### 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**

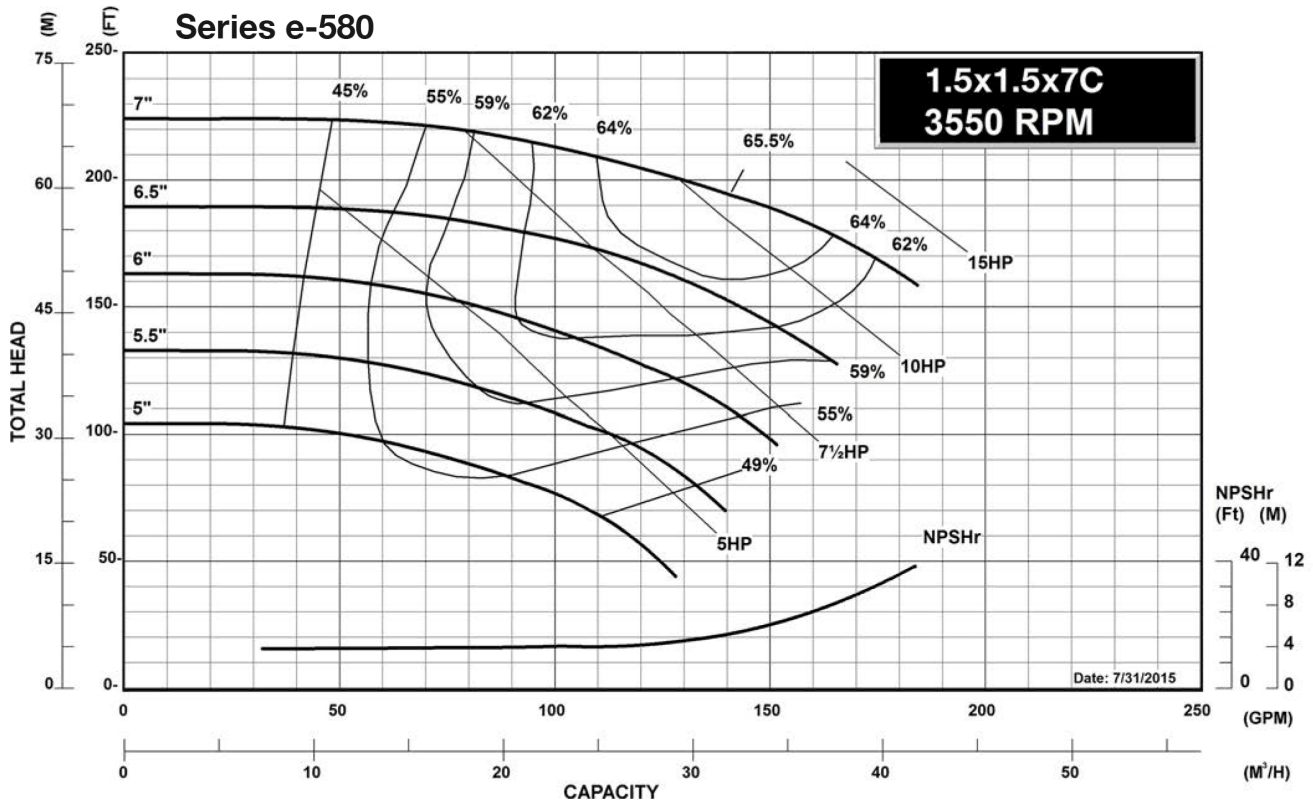
- 175 psi (12 bar) with 125# ANSI flange drilling
- 250 psi (17 bar) with 250# ANSI flange drilling (requires e-580-S)

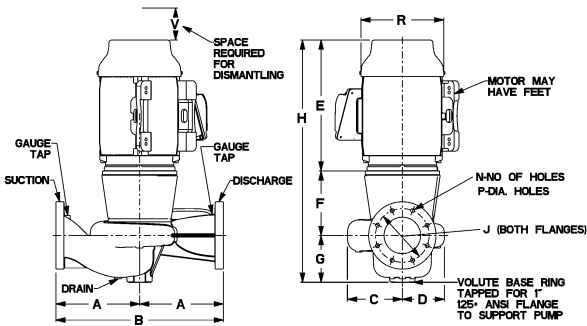
**MOUNTING**

- 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)





# 1.5x1.5x7C 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	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	11.63 (295)					
145JM	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	12.63 (321)	4.63 (117)	4.58 (116)	21.83 (554)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JM	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	15.31 (389)	4.63 (117)	4.58 (116)	24.52 (623)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JM	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	15.31 (389)	4.63 (117)	4.58 (116)	24.52 (623)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
213JM	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	19.25 (489)	4.63 (117)	4.58 (116)	28.45 (723)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	14.00 (356)	-	4.00 (102)	0.25	0.25
215JM	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	19.25 (489)	4.63 (117)	4.58 (116)	28.45 (723)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	14.00 (356)	-	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	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	11.63 (295)					
145JP	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	12.63 (321)	7.75 (197)	4.58 (116)	24.95 (634)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JP	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	15.31 (389)	7.75 (197)	4.58 (116)	27.64 (702)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JP	8.00 (203)	16.00 (406)	4.57 (116)	4.61 (117)	15.31 (389)	7.75 (197)	4.58 (116)	27.64 (702)	3.88 (98)	4 (16)	0.63 (16)	4.50 (114)	4 (22)	0.88 (22)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25

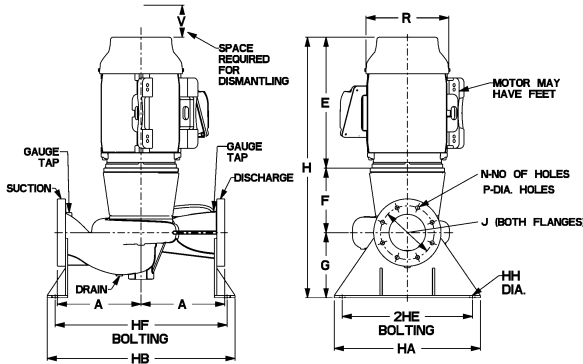
Dimensions are subject to change. Not to be used for construction purposes unless certified.

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.

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
www.gouldswatertechnology.com





# 1.5x1.5x7C 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	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	11.63 (295)	4.63 (117)	5.58 (142)	21.83 (554)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
145JM	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	12.63 (321)	4.63 (117)	5.58 (142)	22.83 (580)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JM	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	15.31 (389)	4.63 (117)	5.58 (142)	25.52 (648)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JM	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	15.31 (389)	4.63 (117)	5.58 (142)	25.52 (648)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
213JM	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	19.25 (489)	4.63 (117)	5.58 (142)	29.45 (748)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	14.00 (356)	-	4.00 (102)	0.25	0.25
215JM	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	19.25 (489)	4.63 (117)	5.58 (142)	29.45 (748)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	14.00 (356)	-	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	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	11.63 (295)	7.75 (197)	5.58 (142)	24.95 (634)	-	4	0.63 (16)	4.50 (114)	4	0.88 (22)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
145JP	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	12.63 (321)	7.75 (197)	5.58 (142)	25.95 (659)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	9.75 (248)	1.50 (38)	4.00 (102)	0.25	0.25
182JP	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	15.31 (389)	7.75 (197)	5.58 (142)	28.64 (727)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	11.75 (298)	1.00 (25)	4.00 (102)	0.25	0.25
184JP	8.00 (203)	18.70 (475)	22.20 (564)	16.50 (419)	20.00 (508)	0.88 (22)	15.31 (389)	7.75 (197)	5.58 (142)	28.64 (727)	3.88 (98)	4	0.63 (16)	4.50 (114)	4	0.88 (22)	11.75 (298)	1.00 (25)	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.