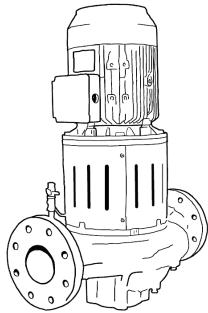


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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4x4x11 Series 80®-SC

Spacer Coupled Vertical
In-Line Mounted Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____
 HP _____ RPM _____
 VOLTS _____
 CYCLE _____ PHASE _____
 ENCLOSURE _____
 APPROX. WEIGHT _____
 SPECIALS _____

MATERIALS OF CONSTRUCTION

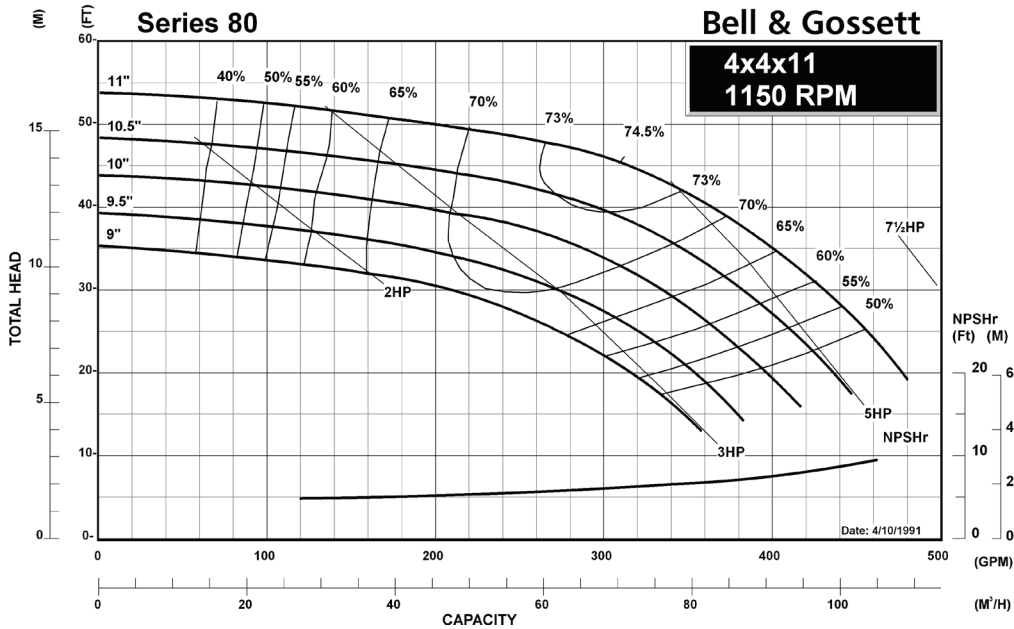
BRONZE FITTED ALL IRON

WORKING PRESSURE

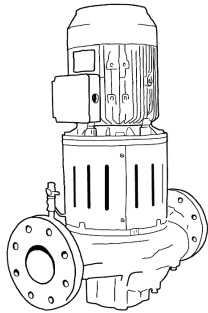
175 psi (12 bar) W.P.
with 125# ANSI flange drilling
 250 psi (17 bar) W.P.
with 250# ANSI flange drilling

TYPE OF SEAL

- STANDARD SEAL - Inside Unitized with flush line (EPR/Carbon-Ceramic)
Temp. range -20° to +250°F. (-29° to 121°C)
Maximum pressure is 175 psi (12 bar)
- OPTIONAL SEAL - Inside Unitized with flush line (EPR/Carbon-Tungsten Carbide)
Temp. range -20° to +250°F. (-29° to 121°C)
Maximum pressure is 250 psi (17 bar)
- OPTIONAL SEAL - Outside Type "8B2"; with flush line (EPR/Carbon-Ceramic)
Temp. range -20° to +250°F. (-29° to 121°C)
Maximum pressure is 250 psi (17 bar)



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



4x4x11 Series 80®-SC

Spacer Coupled Vertical
In-Line Mounted Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____
 HP _____ RPM _____
 VOLTS _____
 CYCLE _____ PHASE _____
 ENCLOSURE _____
 APPROX. WEIGHT _____
 SPECIALS _____

MATERIALS OF CONSTRUCTION

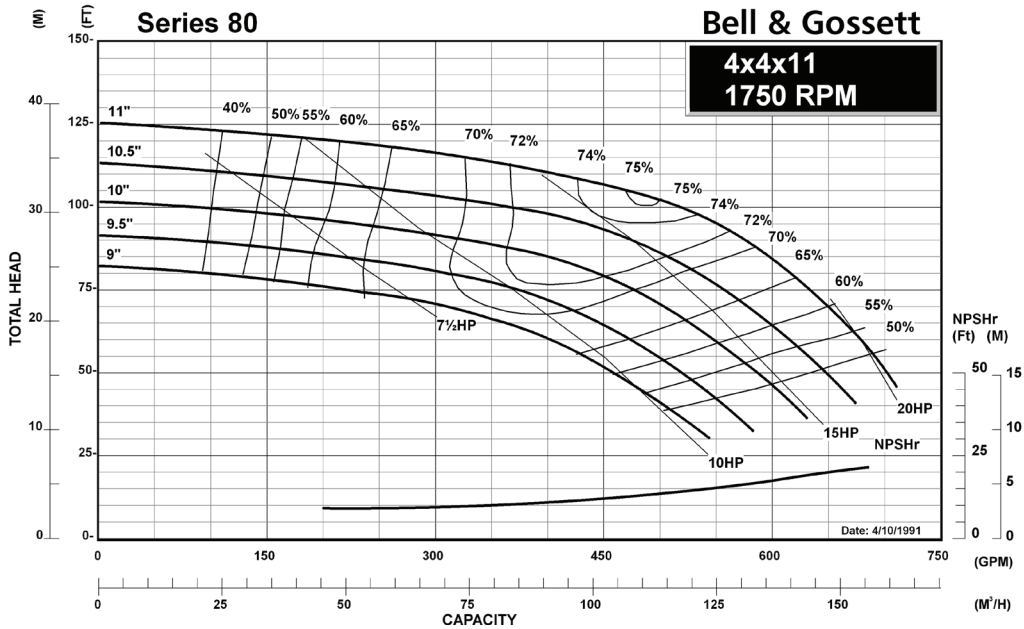
BRONZE FITTED ALL IRON

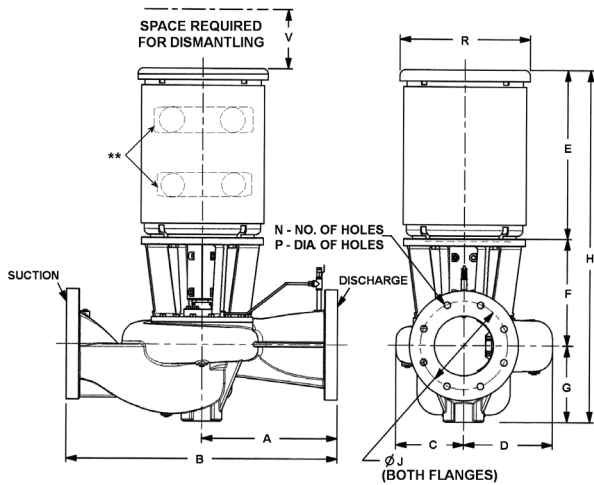
WORKING PRESSURE

175 psi (12 bar) W.P.
with 125# ANSI flange drilling
 250 psi (17 bar) W.P.
with 250# ANSI flange drilling

TYPE OF SEAL

- STANDARD SEAL - Inside Unitized with flush line (EPR/Carbon-Ceramic)
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- OPTIONAL SEAL - Inside Unitized with flush line (EPR/Carbon-Tungsten Carbide)
Temp. range -20° to +250°F. (-29° to 121°C)
Maximum pressure is 250 psi (17 bar)
- OPTIONAL SEAL - Outside Type "8B2"; with flush line (EPR/Carbon-Ceramic)
Temp. range -20° to +250°F. (-29° to 121°C)
Maximum pressure is 250 psi (17 bar)





FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	4"	1-1/4 (32)	9-1/2 (241)
Suction	4"	1-1/4 (32)	9-1/2 (241)

**VOLUTE BASE RING TAPPED FOR
3" - 125# ANSI FLANGE TO SUPPORT PUMP**

** Motor may be supplied with feet

DIMENSIONS - Inches (mm)

TC SHAFT MOTORS

MOTOR FRAME	A	B	C	D	G	F	E	H	125# ANSI			250# ANSI			R	V (Min)
									J	N	P	J	N	P		
213TC	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	14-7/8 (378)	33-13/16 (859)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	10-5/8 (270)	5-3/4 (146)
215TC	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	14-7/8 (378)	33-13/16 (859)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	10-5/8 (270)	5-3/4 (146)
254TC	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	19-7/16 (494)	38-7/16 (976)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	12-5/16 (313)	5-3/4 (146)
256TC	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	21-3/16 (538)	40-1/8 (1019)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	12-5/16 (313)	5-3/4 (146)
284TC	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	13-1/2 (343)	22-1/16 (560)	43-1/16 (1094)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	14-1/8 (359)	5-3/4 (146)

HP SHAFT MOTORS

MOTOR FRAME	A	B	C	D	G	F	E	H	125# ANSI			250# ANSI			R	V (Min)
									J	N	P	J	N	P		
213HP	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	17-1/4 (438)	36-3/16 (919)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	10-5/8 (270)	5-3/4 (146)
215HP	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	18-3/4 (476)	37-11/16 (957)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	10-5/8 (270)	5-3/4 (146)
254HP	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	22-3/8 (568)	41-5/16 (1049)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	12-5/16 (313)	5-3/4 (146)
256HP	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	24-1/16 (611)	43 (1092)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	12-5/16 (313)	5-3/4 (146)
284HPH	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	13-1/2 (343)	25-1/8 (638)	46-1/8 (1172)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	14-1/8 (359)	5-3/4 (146)

IEC SHAFT MOTORS

MOTOR FRAME	A	B	C	D	G	F	E	H	125# ANSI			250# ANSI			R	V (Min)
									J	N	P	J	N	P		
132	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	11-7/16 (291)	17-1/8 (435)	36-1/16 (916)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	10-13/16 (275)	5-3/4 (146)
160M	13 (330)	26 (660)	7-9/16 (192)	8-9/16 (217)	7-1/2 (190)	13-1/2 (343)	20-1/4 (514)	41-1/4 (1048)	7-1/2 (190)	8	3/4 (19)	7-7/8 (200)	8	7/8 (22)	13 (330)	5-3/4 (146)

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

NOTE: For TEFC add 1-1/2" to dimensions E & H.

