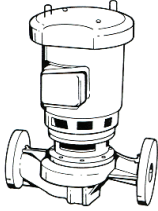


<b>JOB:</b>   <b>UNIT TAG:</b> <b>ENGINEER:</b> <b>CONTRACTOR:</b>	<b>REPRESENTATIVE:</b>   <b>ORDER NO.</b> <b>SUBMITTED BY:</b> <b>APPROVED BY:</b>	<b>DATE:</b> <b>DATE:</b> <b>DATE:</b>
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# 3x3x11

## Series 80<sup>®</sup>

### In-Line Mounted Centrifugal Pumps

**SPECIFICATIONS**

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

**MATERIALS OF CONSTRUCTION**

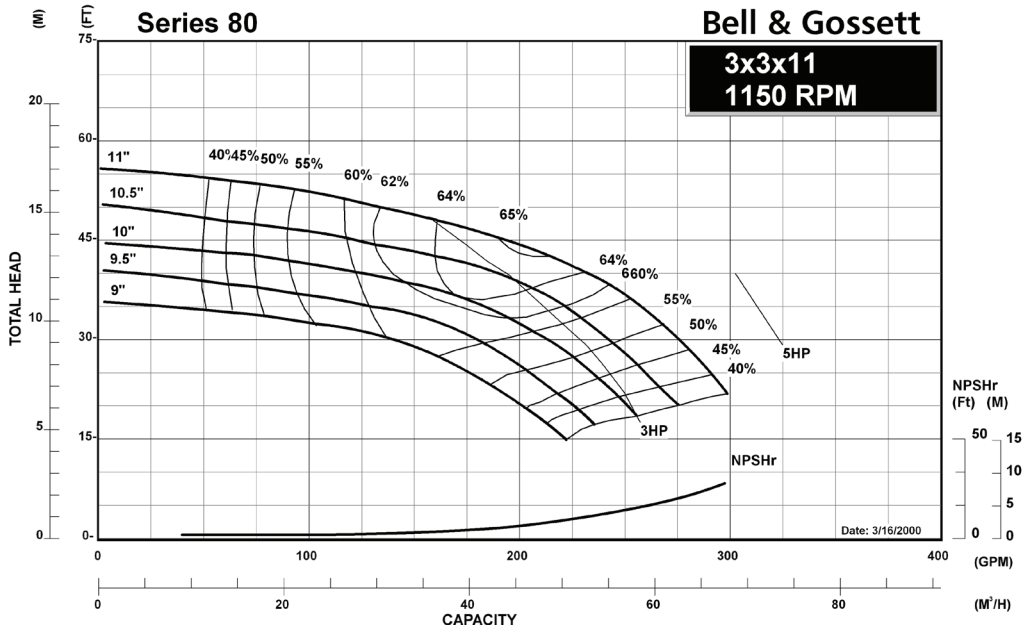
- BRONZE FITTED     ALL IRON

**MAXIMUM WORKING PRESSURE**

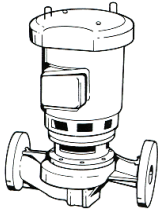
- 175 psi (12 bar) W.P. with 125# ANSI flange drilling  
 250 psi (17 bar) W.P. with 250# ANSI flange drilling (requires 80-S)  
 300 psi (21 bar) W.P. with 250# ANSI flange drilling (EPR-Sintered Silicon Carbide-Sintered Silicon Carbide) Requires 80-S

**TYPE OF SEAL**

- 80 Standard Seal (Buna-Carbon/Ceramic)  
 80 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)  
 80 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)  
 80 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source  
 80 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)



<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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# 3x3x11

## Series 80<sup>®</sup>

### In-Line Mounted Centrifugal Pumps

**SPECIFICATIONS**

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

**MATERIALS OF CONSTRUCTION**

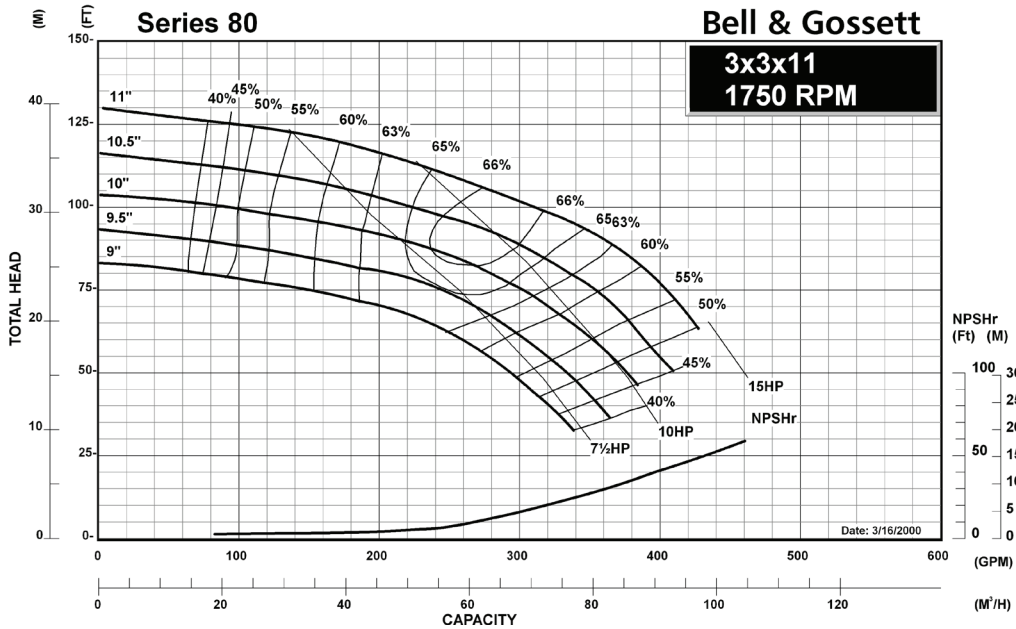
- BRONZE FITTED     ALL IRON

**MAXIMUM WORKING PRESSURE**

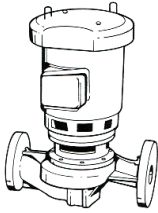
- 175 psi (12 bar) W.P. with 125# ANSI flange drilling  
 250 psi (17 bar) W.P. with 250# ANSI flange drilling (requires 80-S)  
 300 psi (21 bar) W.P. with 250# ANSI flange drilling (EPR-Sintered Silicon Carbide-Sintered Silicon Carbide) Requires 80-S

**TYPE OF SEAL**

- 80 Standard Seal (Buna-Carbon/Ceramic)  
 80 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)  
 80 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)  
 80 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source  
 80 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)



<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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# 3x3x11

## Series 80<sup>®</sup>

### In-Line Mounted Centrifugal Pumps

**SPECIFICATIONS**

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

**MATERIALS OF CONSTRUCTION**

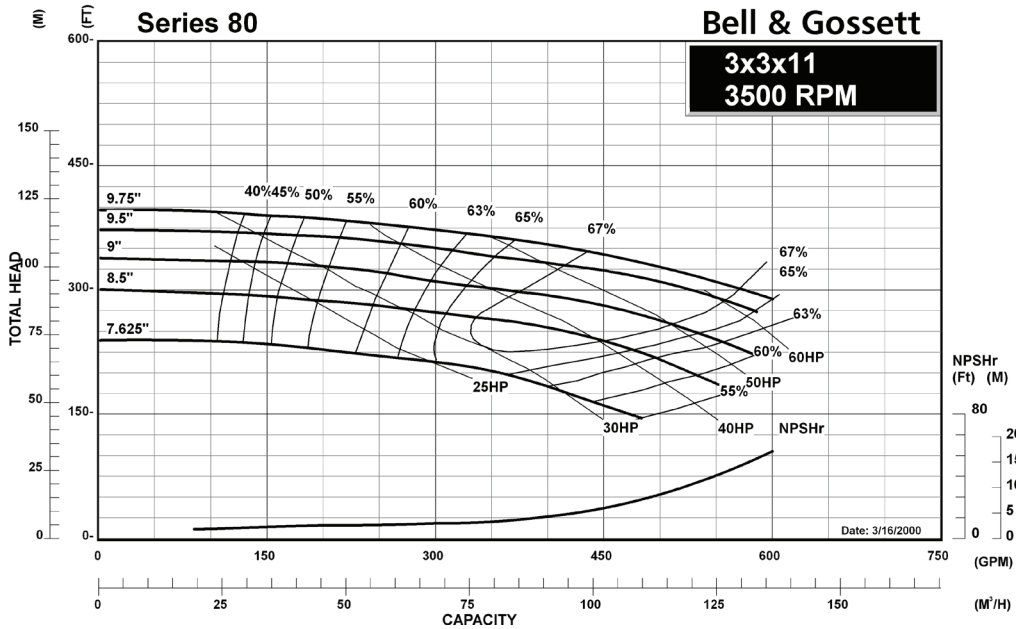
- BRONZE FITTED     ALL IRON

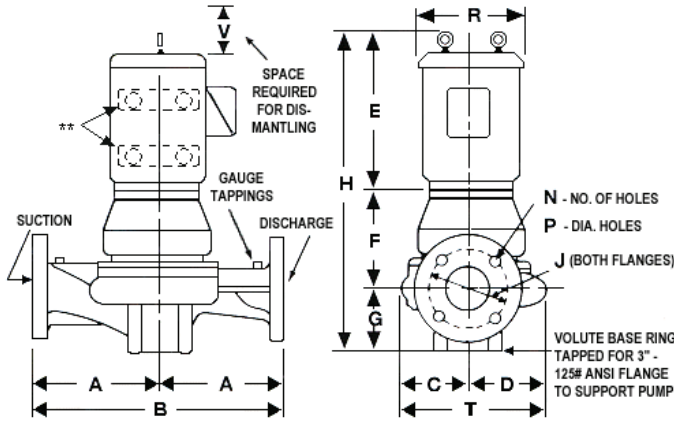
**MAXIMUM WORKING PRESSURE**

- 175 psi (12 bar) W.P. with 125# ANSI flange drilling  
 250 psi (17 bar) W.P. with 250# ANSI flange drilling (requires 80-S)  
 300 psi (21 bar) W.P. with 250# ANSI flange drilling (EPR-Sintered Silicon Carbide-Sintered Silicon Carbide) Requires 80-S

**TYPE OF SEAL**

- 80 Standard Seal (Buna-Carbon/Ceramic)  
 80 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)  
 80 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)  
 80 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source  
 80 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)





FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	3"	1-5/16 (33)	8 (203)
Suction	3"	1-5/16 (33)	8 (203)

FLANGES ARE 125# ANSI - STANDARD  
250# ANSI - AVAILABLE

\*\* Motor may be supplied with feet

DIMENSIONS - Inches (mm)

STANDARD SEAL 80, 80-F

MOTOR FRAME	A	B	C	D	E (Max)	F	G	H (Max)	125# ANSI			250# ANSI			R	S (Max)*	T	V (Min)
									J	N	P	J	N	P				
213	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	19-1/4 (489)	4-3/16 (106)	6-3/4 (171)	30-3/16 (767)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	14 (356)	-	14-9/16 (370)	5-3/4 (146)
215	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	19-1/4 (489)	4-3/16 (106)	6-3/4 (171)	30-3/16 (767)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	14 (356)	-	14-9/16 (370)	5-3/4 (146)
254	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	24-1/8 (613)	7-1/2 (190)	6-3/4 (171)	38-3/8 (975)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	17 (432)	-	14-9/16 (370)	5-3/4 (146)
256	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	24-1/8 (613)	7-1/2 (190)	6-3/4 (171)	38-3/8 (975)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	17 (432)	-	14-9/16 (370)	5-3/4 (146)
284	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	23-5/8 (600)	7-1/2 (190)	6-3/4 (171)	37-7/8 (962)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	16-1/8 (410)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)
286	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	25-1/8 (638)	7-1/2 (190)	6-3/4 (171)	39-3/8 (1000)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	16-1/8 (410)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)
324	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	26 (660)	7-1/2 (190)	6-3/4 (171)	40-1/4 (1022)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	18-3/4 (476)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)
326	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	26 (660)	7-1/2 (190)	6-3/4 (171)	40-1/4 (1022)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	18-3/4 (476)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)

STUFFING BOX 80-PF, 80-S, 80-D

MOTOR FRAME	A	B	C	D	E (Max)	F	G	H (Max)	125# ANSI			250# ANSI			R	S (Max)*	T	V (Min)
									J	N	P	J	N	P				
213	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	19-1/4 (489)	7-3/16 (183)	6-3/4 (171)	33-3/16 (843)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	14 (356)	-	14-9/16 (370)	5-3/4 (146)
215	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	19-1/4 (489)	7-3/16 (183)	6-3/4 (171)	33-3/16 (843)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	14 (356)	-	14-9/16 (370)	5-3/4 (146)
254	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	24-1/8 (613)	7-1/2 (190)	6-3/4 (171)	38-3/8 (975)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	17 (432)	-	14-9/16 (370)	5-3/4 (146)
256	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	24-1/8 (613)	7-1/2 (190)	6-3/4 (171)	38-3/8 (975)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	17 (432)	-	14-9/16 (370)	5-3/4 (146)
284	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	23-5/8 (600)	7-1/2 (190)	6-3/4 (171)	37-7/8 (962)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	16-1/8 (410)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)
286	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	25-1/8 (638)	7-1/2 (190)	6-3/4 (171)	39-3/8 (1000)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	16-1/8 (410)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)
324	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	26 (660)	7-1/2 (190)	6-3/4 (171)	40-1/4 (1022)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	18-3/4 (476)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)
326	12 (305)	24 (610)	6-15/16 (176)	7-5/8 (194)	26 (660)	7-1/2 (190)	6-3/4 (171)	40-1/4 (1022)	6 (152)	4	3/4 (19)	6-5/8 (168)	8	7/8 (22)	18-3/4 (476)	4-5/8 (117)	14-9/16 (370)	5-3/4 (146)

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

NOTE: For 1 phase Motors add 1" to dimensions E & H.  
\*For TEFC Motors add S dimension to dimensions E & H.