

Seal Selection Chart

PUMP SERIES

SHAFT SIZE*	ELASTOMER MATERIAL	SEAL BODY CONSTRUCTION	TUNGSTEN CARBIDE "TC" OR CERAMIC "CER"	BOOSTER PUMP	1522, "60"AA, PD35-37, "90"AA	1535	PD38-39-40, "60"A, "90"A	1512	1510, 1531, SERIES 80	1510-S, 1531-S, SERIES 80-S	1510-D, 1531-D, SERIES 80-D	1510 "XL"	1510-S "XL"	UNIVERSAL	1531 "D" SIZE	VSC, VSCS PUMPS	VSC-S, VSCS-S PUMPS	VSC-D, VSCS-D PUMPS	3530 PUMP	3510, 3531 PUMPS	SEAL KIT NUMBER	SEAL ONLY NUMBER (LESS SEAT INSERT)
1/2"	BUNA-N	BRASS	CER	X	X																118681	118680 118682 P59860 P59861
	BUNA-N	STEEL	CER	X	X																186681	
	EPT	BRASS	TC	X	X																185230	
	TEFLON	STAIN.STL.	CER	X	X																185226	
	VITON	STAIN.STL.	CER	X	X																	
5/8"	EPT	STAIN.STL.	CER																		186876	P80824
	VITON	STAIN.STL.	CER																		186496	
	BUNA-N	STAIN.STL.	CER																X		186879	
3/4"	BUNA-N	BRASS	CER			X	X	X													186499	P59880
	BUNA-N	STEEL	CER				X	X													186433	
	EPT	BRASS	TC				X	X													185223	
	EPT	STEEL	TC				X	X													185224	
	TEFLON	STAIN.STL.	CER				X	X													185227	
1"	BUNA-N	BRASS	CER												X						186682	
1 1/4"	BUNA-N	BRASS	CER						X					X							186862	185060 P70512 P70513 P59571
	BUNA-N	STAIN.STL.	CER						X					X							186860	
	EPT	BRASS	TC						X					X							186861	
	VITON	BRASS	-						X					X							185228	
	TEFLON	STAIN.STL.	CER						X					X							P85070	
	EPR	STAIN.STL.	TC						X	X											P85066	
	EPR	STAIN.STL.	CER								X										186877	
	BUNA-N	STAIN.STL.	CER																		X	
	EPT	STAIN.STL.	-																		X	
	VITON	STAIN.STL.	-																		X	
VITON	STAIN.STL.	TC/SC**							X													
1 3/8"	BUNA-N	BRASS	CER													X					186827	186834 186829
	EPT	BRASS	TC													X					186830	
	EPT	BRASS	CER													X					186835	
1 5/8"	BUNA-N	BRASS	CER					X						X							186543	P70515 P70516 P59572
	BUNA-N	STAIN.STL.	CER					X						X							186544	
	EPT	BRASS	TC					X						X							185225	
	EPR	STAIN.STL.	TC						X							X					185050	
	EPR	STAIN.STL.	CER							X							X				186843	
	BUNA-N	STAIN.STL.	CER																		186878	
EPT	STAIN.STL.	-																		X		
VITON	STAIN.STL.	-																		X		
VITON	STAIN.STL.	TC/SC**							X												X	
1 3/4"	BUNA-N	BRASS	CER													X					186826	186830 186835
	EPT	BRASS	CER													X					186830	
	EPT	BRASS	TC													X					186835	
2"	EPR	STAIN.STL.	TC														X				185051	186844
	EPR	STAIN.STL.	CER															X			186844	
2 3/8"	BUNA-N	BRASS	CER									X				X					186828	P63308
	EPT	BRASS	CER									X				X					186831	
	EPT	BRASS	TC									X				X					186836	
	EPR	STAIN.STL.	TC										X			X					186836	
2 5/8"	EPR	STAIN.STL.	TC														X				185052	186845 185054
	EPR	STAIN.STL.	CER															X			186845	
	BUNA-N	STAIN.STL.	CER													X					185054	
3 3/4"	BUNA-N	STAIN.STL.	CER													X					185055	185053
	EPR	STAIN.STL.	TC													X		X			185053	

EPR = ETHYLENE PROPYLENE (not oil resistant)
 EPT = ETHYL PROPYLENE TERPOLYMER (not oil resistant)

*To determine shaft size, refer to individual pump series parts list

**Silicon Carbide

Bell & Gossett Pump Seal Selections

PUMP	SIZE	STANDARD SEAL	AVAILABLE OPTIONS	
1510 1531	All	1	2, 3*, 4**, 5, 7, 8	
"80"	All	1	2, 3*, 4**, 5, 7, 8, 9	
SER 60 AA 1522	All	1	2, 3, 8	
SER 60 A PD 38 & 40	All	1	2	
"90"	All	1	2	
1535	All	1	None	
Booster Pumps	SERIES 100 thru HD3	1	2, 8	
	PD 35 & 37	1	2, 3, 8	
VSC Pumps		1	2, 4**, 5, 7	
4x4x9 ³ / ₄	6x6x9 ³ / ₄ L			
4x4x9 ¹ / ₄	6x8x9 ³ / ₄ H			
4x4x9 ¹ / ₄ L	6x8x9 ³ / ₄ HL			
5x5x9 ³ / ₄	6x6x12			
5x5x9 ³ / ₄ B	6x6x12L			
5x5x12	8x8x10 ¹ / ₂			
5x5x12 B	8x8x11 ³ / ₄ L			
5x5x12 L	8x8x13			
6x6x9 ³ / ₄	8x8x13B			
6x6x9 ³ / ₄ B	10x10x13			
	10x10x13 L			
VSCS Pumps				1
4x5x14 ³ / ₄	8x10x10 ¹ / ₂			
5x6x9 ³ / ₄	8x10x11 ³ / ₄ L			
5x6x9 ³ / ₄ B	8x10x13			
5x6x12	8x10x13 B			
5x6x12 B	8x10x17 L			
5x6x12 L	10x12x11			
5x6x15 ¹ / ₂	10x12x11 ³ / ₄ L			
6x8x9 ³ / ₄	10x12x13			
6x8x9 ³ / ₄ B	10x12x13 L			
6x8x9 ³ / ₄ L	10x12x17 L			
6x8x9 ³ / ₄ H	12x14x12 ³ / ₄ L			
6x8x9 ³ / ₄ HL	12x14x17 ¹ / ₂ B			
6x8x12	12x14x17 ¹ / ₂ L			
6x8x12 L				
VSCS	10x12x17	6	4, 5, 7	
	12x14x12 ¹ / ₂			
	8x10x17	5	4, 7	
	12x14x17 ¹ / ₂	6	5	
QT	3510	All	1	2, 8
	3531			
	3530	All	1	8

SEAL DESCRIPTIONS

- Standard Mechanical Seal (Buna N/Carbon/Ceramic).
 - Standard Mechanical Seal (EPT/Carbon/Tungsten Carbide).
 - Standard Mechanical Seal (Teflon/Carbon/Ceramic).
 - Packing (PF).
 - Flushed Single Seal (S) (EPR/Tungsten Carbide/Carbon).
 - Flushed Single Seal (EPR/Ceramic/Carbon).
 - Flushed Double Seal (D) (EPR/Ceramic/Carbon).
 - Standard Mechanical Seal (Viton/Carbon/Ceramic).
 - Flushed Single Seal (Viton/Tungsten/Silicon Carbide)
- *Not available for large shaft or large bearing assembly versions.
**For 3500 RPM selections, consult factory.

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