

# V46 SERIES DIAPHRAGM VALVE MASTER CHART

\* FILL IN PROPER DESIGNATIONS TO DETERMINE PRODUCT NUMBER: **V 4 6 - 2 - 3 0 0 0**

**PIPE SIZE**  
 C = 1" (25mm)  
 E = 1-1/2" (40mm)  
 F = 2" (50mm)

**BODY SIZE** (Reference only)  
 1 = 1"  
 4 = 1-1/2"  
 5 = 2"

**END CONNECTIONS**  
 0 = Female N.P.T.                      3 = Flanged / Female N.P.T. Boss Taps  
 1 = Female B.S.P.T. (Tapered)

**BODY & CAP MATERIAL**  
 2 = 316 Stainless Steel (Cast CF8M)

**VALVE OPTIONS** (00 = Standard)  
 00 = NO                                      11 = NO, LS, SAO  
 01 = NO, SAO                              30 = NC  
 02 = NO, SAC                              32 = NC, SAC  
 10 = NO, LS                                40 = NC, LS

**SEAL MATERIALS** (0 = Standard) (Option 5 not valid for NC valves)

OPT.	OPERATING DIAPHRAGM	SEALING DISK	DYNAMIC SEAL	STATIC SEALS
0	Buna-N	Buna-N	Buna-N	Buna-N
1	Buna-N	EPDM	EPDM	EPDM
2	FKM	FKM	FKM	FKM
4	FKM	EP	EP	EP
5	Buna-N	FKM	FKM	FKM
6	Buna-N	FDA Buna-N	FDA Buna-N	FDA Buna-N

**INTERNAL PARTS**  
 3 = 316 Stainless Steel

\* To create a valve number replace each "\_" with the proper number or letter for the feature you desire. For example, a 1" NPT Stainless Steel Valve Model V461 with Normally Closed and Spring Assist Closed Options is designated as a V46C-0232-03000.

REV.	ECO NO.	DESCRIPTION	BY/DATE
C	21190	Reviewed for Pentair ECN release	JJJ 17-Nov-09

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