![AQMATIC Valves & Controls logo]

K53 SERIES DIAPHRAGM VALVE MASTER CHART

* FILL IN PROPER DESIGNATIONS TO DETERMINE PRODUCT NUMBER: K 5 3 - X 2 - 4

BODY SIZE (std)
1 = 1"
4 = 1-1/2"
5 = 2"
7 = 3"

END CONNECTIONS (X std)
X = None

BODY & CAP MATERIAL (2 std)
2 = Noryl

VALVE OPTIONS (00 std) [XNC not valid with solenoid configurations]

00 = NO	10 = NO, LS	B2 = XNC, SAC
01 = NO, SAO	11 = NO, LS, SAO	C2 = XNC, LS, SAC
02 = NO, SAC	12 = NO, LS, SAC	D2 = XNC, LS, PI, SAC
03 = Spring Closed 30#	A0 = NO,LS,PI	SX = Special Valve **
04 = Spring Closed 60#	A1 = LS, PI, SAO	
05 = Spring Closed 100#	A2 = LS, PI, SAC	

SEAL MATERIALS (1 std) (Option 6 not available on series 535 & 537 valves)
(Option 5 not available on XNC or solenoid EO or EC valves)

OPT.	OPERATING DIAPHRAGM	SEALING DISK	DYNAMIC SEALS	STATIC SEALS	KIT SERIES	TYPICAL USE
1	Buna-N	EP	EP	EP	RAE	Water
5	Buna-N	Fluoroelast.	Fluoroelast.	Fluoroelast.	RAVFB	Acid
6	Buna-N	Butyl	Butyl	Butyl	RAJ	Caustic

INTERNAL PARTS (4 std)
4 = Noryl/PVC (140°F (60°C) Valve Rating)

DRILL & TAP BOSSES (0 std [1/8" NPT std for K531/K534; 1/4" NPT std for K535/K537])

0 = None	3 = Boss #3	6 = Bosses #1,2
1 = Boss #1	4 = Boss #4	
2 = Boss #2	5 = Bosses #1,2,3,4	

SOLENOID OPTIONS (0 std)

0 = None	2 = Energize to Close (EC)	4 = EO w/ Dry Drain
1 = Energize to Open (EO)	3 = Independent pressure (IP)	5 = EC w/ Dry Drain

SOLENOID FEATURES (0 std) not valid with Independent Pressure (Option A)

0 = None	D = 115V/60HZ, NEMA 4	F= 24V/60HZ,NEMA 4
A = 24VDC	E = 220V/50HZ, NEMA 4	

* To create a valve number replace each "_" with the proper number or letter for the feature you desire.
For example, a 2" Plastic Valve Model K535 with Externally Normally Closed and Spring Assist Closed
Options is designated as a K535-X2B2-14000.

** A special valve will have a custom drawing number (_ _ _ _ _ _ _)
and the item number format is (K53?-X2SX-_ _ _ _ _)
where the last 5 numbers (Far Right) are the last five digits of the drawing number.

Valve Option Notes:
1. **Limit Stop &/or Position Indicator options can not be combined with 30#, 60#, or 100# Spring Closed Options.**
2. **Solenoid Option cannot be combined with NC valves.**

REV.	ECO NO.	DESCRIPTION	BY/DATE	
J	21813	Revised line 27.	JJJ	5-Jan-10
K	1778	Removed Seal Material 2 & 4; Tap 7	JJJ	1-Oct-20
L	1789	ADDED 24VDC TO SOLENIOD	MM	15-Oct-20
M	2177	BRANDING UPDATE	JJJ	2-Jan-23
N	2293	ADDED NO,LS,PI TO VALVE OPTION	MM	3-Nov-23

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