



K52 SERIES DIAPHRAGM VALVE MASTER CHART

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

BODY SIZE

- 0 = 1/2"
- 1 = 1"
- 4 = 1-1/2"
- 6 = 2-1/2"

END CONNECTIONS (X std)

- X = None

BODY & CAP MATERIAL (2 std)

- 2 = Noryl

VALVE OPTIONS (00 std for K521, K524, K526; 01 std for K520) [opt 00, 12, 32, & 42 not valid on K520]

[NC & XNC not valid with solenoid options]

- | | | |
|------------------|---------------------------|-----------------------|
| 00 = NO | 12 = NO, LS, SAC | 42 = NC, LS, SAC |
| 01 = NO, SAO | 21 = NO, PI, SAO | B2 = XNC, SAC |
| 02 = NO, SAC | 30 = NC | SX = Special Valve ** |
| 10 = NO, LS | 31 = NC, SAO | |
| 11 = NO, LS, SAO | 32 = NC, SAC (See note 1) | |

SEAL MATERIALS (1 std) (Option no. 2 not available on series 526 valves)

OPT.	OPERATING DIAPHRAGM	SEALING DISK	DYNAMIC SEALS	STATIC SEALS	KIT SERIES
1	Buna-N	EP	EP	EP	RA
2	Fluoroelast.	Fluoroelast.	Fluoroelast.	Fluoroelast.	RAVFV
5	Buna-N	Fluoroelast.	Fluoroelast.	Fluoroelast.	RAV
6	Buna-N	Butyl	Butyl	Butyl	RAJ

INTERNAL PARTS (4 std)

- 4 = Noryl/PVC (140°F (60°C) Valve Rating)

DRILL & TAP BOSSES (0 std [1/8" NPT std for K520/K521/K524; 1/4" NPT std for K526])

- | | | |
|-------------|---------------------|-----------------|
| 0 = None | 3 = Boss #3 | 6 = Bosses #1,2 |
| 1 = Boss #1 | 4 = Boss #4 | 7 = Bosses #1,3 |
| 2 = Boss #2 | 5 = Bosses #1,2,3,4 | |

SOLENOID OPTIONS (0 std) [Solenoid option not available with NC or XNC valves]

- | | | |
|---------------------------|-------------------------------|---------------------|
| 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)

- | | |
|-----------------------|-----------------------|
| 0 = None | E = 220V/50HZ, NEMA 4 |
| D = 115V/60HZ, NEMA 4 | F = 24V/60HZ, 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 K524 with Normally Closed and Spring Assist Closed Options is designated as a K524-X232-14000.

** A special valve will have a custom drawing number (_ _ _ _ _) and the item number format is (K52?-??SX- _ _ _ _) where the last 5 numbers (Far Right) are the last five digits of the drawing number.

Valve Option Notes:

- Option 32 (NC, SAC) not possible on K520, use option B2 (XNC, SAC).

REV.	ECO NO.	DESCRIPTION	BY/DATE
E	21190	Revised for AQ Matic ECN release	JJJ 17-Nov-09

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