

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	TYPICAL USE
1	Buna-N	EP	EP	EP	RA	Water
2	Fluoroelast.	Fluoroelast.	Fluoroelast.	Fluoroelast.	RAVTV	Call Factory
5	Buna-N	Fluoroelast.	Fluoroelast.	Fluoroelast.	RAV	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 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 8 = Bosses #2,4

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) 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 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?-72SX-_____) where the last 5 numbers (Far Right) are the last five digits of the drawing number.

Valve Option Notes:

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

REV.	ECO NO.	DESCRIPTION	BY/DATE
E	21190	Revised for Pentair ECN release	JJJ Nov-17-2009
F	1778	TOOK OUT OPTION 7 DRILL AND TAP	MM OCT-1-2020
G	1789	ADDED 24VDC TO SOLENOID	MM OCT-15-2020
H		ADDED DRILL & TAP OPTION 7 (#1&3)	JJJ Dec-29-2021
J	2177	Branding Update	JJJ Jan-2-2023
K		ADDING DRILL AND TAP (2&3)	MM AUG-5-2025

42983