AQMatic

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.	RAVFV	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	
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) 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?-?2SX-_ _ _ _ _)
    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	17-Nov-09
F	1778	TOOK OUT OPTION 7 DRILL AND TAP	MM	OCT-1-2020
G	1789	ADDED 24VDC TO SOLENOID	MM	OCT-15-2020

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