

## Model A-720

Angle Valve

September 14, 2018

(Rev. 2)



### TECHNICAL SPECIFICATIONS

- Maximum Operating Pressure: 600 psig
- Maximum Operating Temperature: 350°F (limited by elastomeric seals)
- Flow Coefficient (cv): 83.5 @ wide-open position
- Handwheel Rotation: Clockwise to close
- Normal Handwheel Closing Torque: 20-25 ft-lb  
(Maximum Torque: 80 ft-lb limited by shear feature)
- Stroke: 3/4" Nominal. Stroke: Measurement above 7/8" indicates seat seal (Item #9) must be replaced
- Packing Screw Torque: Tighten to 65 ft-lb
- Mounting Flange: Ø6" square X 0.75" thick with four 7/8" holes on Ø6- 1/4" B.C.
- Mounting Studs: Four 3/4" X 3" long (min.); consult your gasket manufacturer for required torque values
- Tongue Dimensions: 3.995" O.D. X 3.255" I.D. X 0.250"  
(0.125" thick gasket required; not furnished with valve)
- Alternate materials of construction available
- Alternate O-ring material available

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ITEM	QTY	PART NAME	MATERIAL	PART NO.
1	1	HANDWHEEL	ALUMINIUM*	720-1-AL
2	1	STEM	STAINLESS	720-2A-SS
3	1	GASKET RETAINER ASSY	STEEL	720-301-CS
4	1	BODY	STEEL	720-4-CS
5	1	SPRING, COIL	STAINLESS	720-5-SS
7	1	OUTLET FLANGE	STEEL	720-71-CS
8	1	PACKING SCREW W/ INSERT	STEEL	720-8-CS
9A	1	PACKING WASHER TOP	STAINLESS	720-93-SS
9B	1	SPACER	STAINLESS	720-95-SS
10	1	WIPER	PEEK	713-33-PK
11	4	PACKING	TEFLON	720-11-TF
12	1	STEM SEAL	BUNA-N*	720-12-BN
13	1	"O" RING OUTLET	BUNA-N*	720-131-BN
14A	1	HANDWHEEL NUT	STAINLESS	10-15-SS
14B	1	WASHER	STEEL	308-12-CS
15A	4	BOLT	STAINLESS	724-15-SS
15B	4	LOCK WASHER	STAINLESS	724-152-SS
16	1	OUTLET PLUG & CHAIN*	STEEL, PLATED	720-16-CS
18A	1	STEM RETAINER	STAINLESS	720-18-SS
18B	2	NUT	STAINLESS	720-181-SS
21	1	PACKING LOCK NUT	STEEL	720-21-CS-G
22	1	NAME PLATE	STAINLESS	720-22-SS

\*Alternate materials available

