

Model A-734

Angle Valve

Jan 3, 2024

(Rev 2)



TECHNICAL SPECIFICATIONS

- Maximum Operating Pressure: 600 psig
- Maximum Operating Temperature: 350°F (Limited by elastomeric seals)
- 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, then back off 1/8 turn
- Mounting Flange: $\varnothing 6$ " square X 0.75 thick with four 7/8" holes on $\varnothing 6\text{-}1/4$ B.C.

- Mounting Studs: Four 3/4" X 3" long (min.) Consult your gasket mfg for required torque values.
- Tongue Dimensions: 3.995" OD X 3.255" ID X 0.250" (0.125" thick gasket required; not furnished with valve)
- Alternate materials of construction available
- AAR Approval No. E082015

Notes

- Alternate O-ring materials available.



ITEM	QTY	PART NAME	MATERIAL	3" PLUG A-734 PART NO.	2" PLUG A-734-2 PART NO.
1	1	HANDWHEEL	ALUMINUM*	730-1-AL	730-1-AL
2	1	STEM	STAINLESS STEEL	730-2-SS	730-2-SS
3	1	GASKET REINER ASSEMBLY	STAINLESS STEEL	734-301-SS	734-301-SS
4	1	BODY	STAINLESS STEEL	734-4-SS	734-4-SS
5	1	SPRING	STAINLESS STEEL	730-5-SS	730-5-SS
7	1	OUTLET FLANGE	STAINLESS STEEL	734-71-SS	734-72-SS
8	1	PACKING SCREW W/ INSERT	NITRONIC 60	734-8-N60	734-8-N60
9A	1	PACKING WASHER TOP	STAINLESS STEEL	730-93-SS	730-93-SS
9B	1	PACKING WASHER BOTTOM	STAINLESS STEEL	730-91-SS	730-91-SS
11	7	PACKING	TEFLON	730-11-TF	730-11-TF
12	1	STEM SEAL	BUNA-N*	730-12-BN	730-12-BN
13	1	O-RING OUTLET	BUNA-N*	730-13-BN	730-13-BN
14	1	HANDWHEEL NUT	STAINLESS STEEL	566-321-SS	566-321-SS
15A	4	BOLT	STAINLESS STEEL	734-15-SS	734-15-SS
15B	5	LOCK WASHER	STAINLESS STEEL	566-322-SS	566-322-SS
16	1	OUTLET PLUG	STAINLESS STEEL	730-16-SS	720-16-SS
18A	1	STEM RETAINER	STAINLESS STEEL	730-18-SS	730-18-SS
18B	2	NUT	STAINLESS STEEL	720-181-SS	720-181-SS
21	1	PACKING LOCKNUT	STAINLESS STEEL	734-21-SS	734-21-SS
22	1	NAME PLATE	STAINLESS STEEL	734-22-SS	734-22-SS

* NOTE: ALTERNATE MATERIALS AVAILABLE.

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