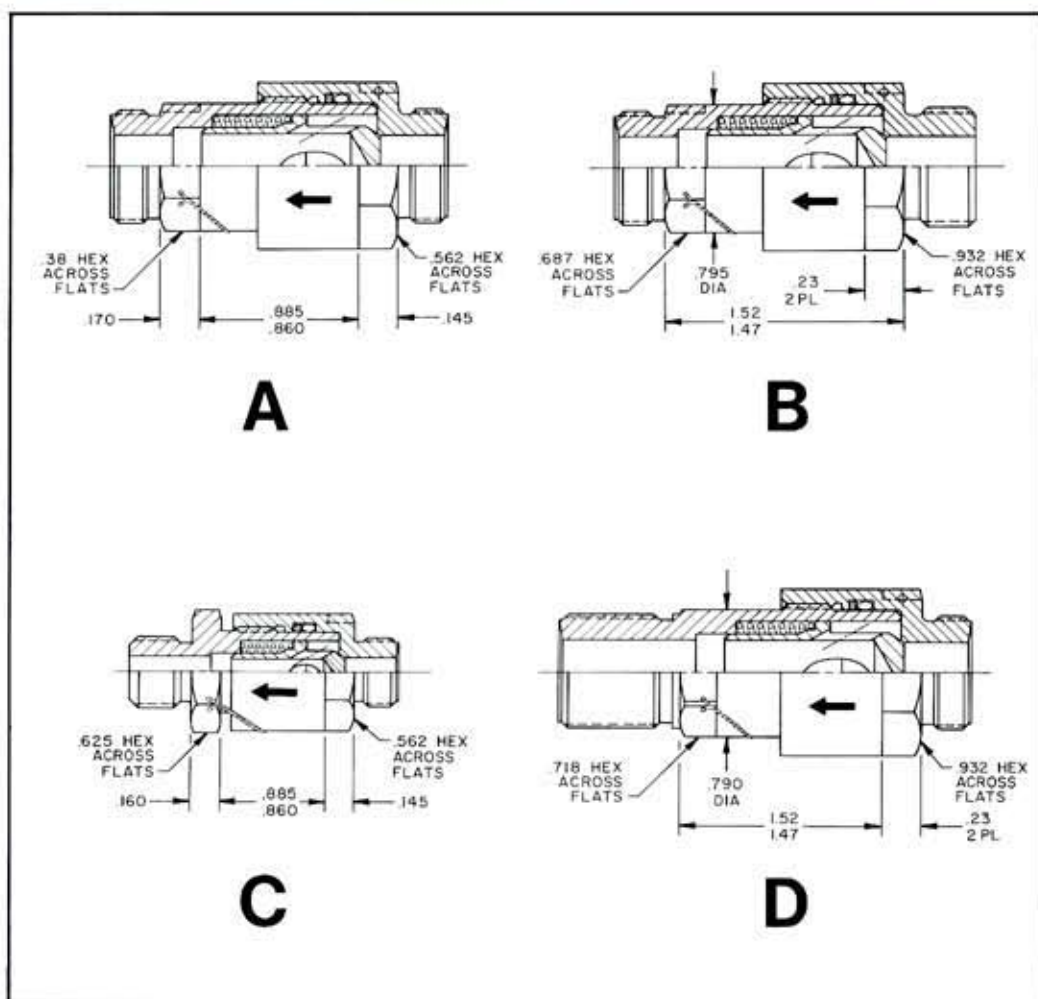




CIRCLE SEAL CONTROLS

HIGH PRESSURE CHECK VALVES

P-858 Series/0-8000 PSI



Wherever perfect sealing is required, the proven reliability of Circle Seal precision valves provides the one complete answer—a combination of absolute leakproof sealing when closed and virtually maintenance-free operation.

Technical Data

Operating Pressure: 8000 PSI

Proof Pressure: 12,000 PSI

Burst Pressure: 16,000 PSI

Operating Temp.:

- 50°F to + 275°F

Cracking Pressure: 2 to 8 PSI

Internal Leakage:

5 PSI = 1.5 cc/30 MIN.

2000, 4000, 8000 PSI = ZERO

Fluid:

MIL-H-83282

Conditions:

100° ± 5°F

Materials

Stainless steel (17-4PH)

Sizes

3/16" to 1/2" Tube

Note

P-858 Series valves normally are not stocked and may be subject to minimum run quantity for unusual materials, sizes, or connections.

Typical Applications

High pressure hydraulic systems.

Model Number											
LINE SIZE	STYLE A	STYLE B	STYLE C	STYLE D	RATED FLOW	PRESS. DROP	RESISTOFLEX SIZE FITTING END		AS 930 & SIZE FITTING END		WEIGHT LBS.
3/16	P1-858		P10-858		1.4 GPM	15 PSI	-03	3/8-28 UNJS	-03	3/8-24 UNJF	10
1/4	P8-858		P11-858	P7-858	2.5 GPM	15 PSI	-04	7/16-24 UNJS	-04	7/16-20 UNJF	.125
3/8	P9-858				5.7 GPM	15 PSI	-06	9/16-20 UNJS	-06	9/16-18 UNJF	.200
1/2	P6-858	P2-858		P4-858	10.0 GPM	15 PSI	-08	23/32-20 UNJS	-08	3/4-16 UNJF	.275

All units feature a reliable metal to metal seat design which has been endurance tested to 50,000 cycles with no leakage at 8000 PSI.



CIRCLE SEAL CONTROLS, INC.

A CIRCOR International company

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