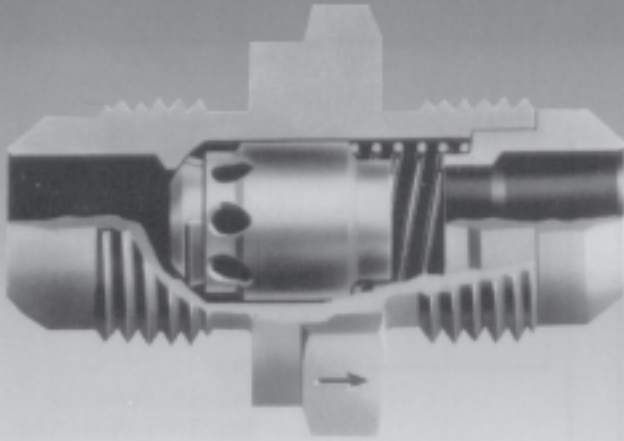


2600 SERIES

0 to 3,000 PSIG



CHECK VALVES

Features

- Zero Leakage
- 2600 Series Meets Package Requirements of MS24423 & Functional Requirements of MIL-V-25675 (2620T Series)
- Quick Opening-Positive Closing
- Maintenance-Free Dependability

Technical Data

Materials of Construction

- Body – 303 Stainless Steel or Aluminum
- Spring – 302 Stainless Steel
- O-Rings – Buna N, Neoprene, Teflon® or Viton®

Pressure Ratings

Operating Pressure:

Aluminum – 0 to 3,000 PSIG (207 BAR)

St. Steel – 0 to 3,000 PSIG (207 BAR)

Min. Burst Pressure:

3 x Max. Opr. Pressure (Room Temp.)

2-1/2 x Max. Opr. Pressure
(At Max. Rated Temp.)

Temperature Range

-100°F to +400°F;

-73°C to +204°C

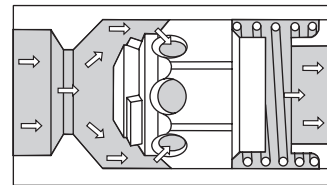
Based On O-Ring &

Body Material, See Page 2

Valve Sizes

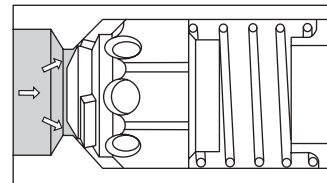
1/4" to 1"

How It Works



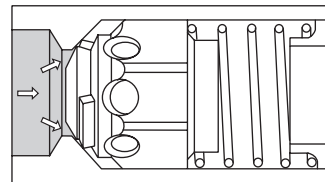
OPEN

Flow passes smoothly through valve with minimum turbulence. Flow characteristics meet or exceed the requirements of MIL-V-25675.



CLOSING

Seal automatically established line of contact with conical seat to cushion closing and insure perfect sealing.



CLOSED

Sealing member only seals. Full pressure is carried by metal-to-metal seat. Increasing pressure increases efficiency.



CIRCLE SEAL CONTROLS, INC.

A division of CIRCOR International, Inc.

Certified to ISO 9001

2600 SERIES

0 to 3,000 PSIG

How To Order

P 26 77 A - 4TT - 5

VARIATION

P - Use where high surges are encountered and elastomeric seals are required.

BASIC MODEL NUMBER

2600 Series

O-RING MATERIAL &

OPERATING TEMPERATURE RANGES

73 - Neoprene -40°F to 300°F
77 - Buna N -40°F to 250°F
20 - Teflon® -100°F to 400°F
32 - Viton® -20°F to 400°F

BODY MATERIAL

A - 2024-T4/T351 Aluminum (limited to 200°)
T - 303 Stainless Steel (limited to 450°)

Notes:

Leakage - From zero pressure differential to max. operating pressure - zero

Exception: If Teflon® O-ring is used in Aluminum body with gases, from 75 psi pressure differential to max. operating pressure: 2620A - 1cc/min. 2620T - zero

Teflon® and Viton® are registered trademarks of DuPont.

CRACKING PRESSURE

Call Out Dash Number if Not Standard
5 - 5 PSIG*

CONNECTIONS

T - Male Tube, AS4395 (MS33636)
E - Flareless Male Tube, MS33514

VALVE SIZE

4 - 1/4" AS4395, MS33656 & MS33514
6 - 3/8" MS33656 & MS33514
8 - 1/2" MS33656 & MS33514
12 - 3/4" MS33656 & MS33514
16 - 1" MS33656 & MS33514

* Standard based on seal material.
 Buna N, Neoprene, Viton® - 2 PSIG
 Teflon® - 5 PSIG Max. (2 to 5 PSIG with liquid)

Please consult your Circle Seal Controls Representative or our factory for information on special connections, operating pressures and temperature ranges.

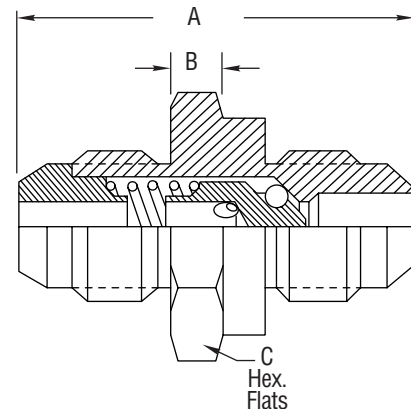
End Connections, Dimensions & Weights

2600 SERIES, MS33514 CONNECTIONS

Model Number	Size	A	B	C	Weight In Lbs.	
					Alum.	S.S.
4EE	1/4"	1.34	.219	.688	.02	.05
6EE	3/8"	1.41	.250	.813	.03	.07
8EE	1/2"	1.62	.281	1.000	.05	.13
12EE	3/4"	1.94	.343	1.375	.12	.36
16EE	1"	2.44	.375	1.625	.18	.52

2600 SERIES, MS33656 CONNECTIONS

Model Number	Size	A	B	C	Weight In Lbs.	
					Alum.	S.S.
4TT	1/4"	1.54	.219	.688	.02	.05
6TT	3/8"	1.58	.250	.813	.03	.08
8TT	1/2"	1.81	.281	1.000	.05	.14
12TT	3/4"	2.29	.343	1.375	.13	.38
16TT	1"	2.88	.375	1.625	.19	.55



 **CIRCLE SEAL CONTROLS, INC.**

A division of CIRCOR International, Inc.

Certified to ISO 9001