

Optional (Figure: R27)

Identification reference

R13 N 04 O A5 000 .001

Figure _____

Metal to metal seat = R13

O-ring = R27 (2)

Connection _____

NPT = N

BSP = G

Size _____

1/4" = 02

3/8" = 03

1/2" = 04

3/4" = 05

1" = 06

Poppet _____

Free poppet = O

Spring-loaded poppet = Z

Material

316 Stainless steel = .001

Carbon steel = .005

Special service

Standard = 000

Nace = 0NA

EPDM O-ring = 0EP

NBR O-ring = 0NR

Pressure minimum

differential opening

1/4" 0.30 Bar = A3

3/8" 0.20 Bar = A2

1/2" 0.15 Bar = B1

3/4" 0.10 Bar = A1

1" 0.15 Bar = B1

SIZE	ORIFICE	DIMENSIONS	
		A	L
1/4"	7	27.5	50
3/8"	9	31.5	55
1/2"	12	39	65
3/4"	14	41.5	75
1"	18	51	90

(2) Viton O-ring (standard)

CHARACTERISTICS

1) RATING:

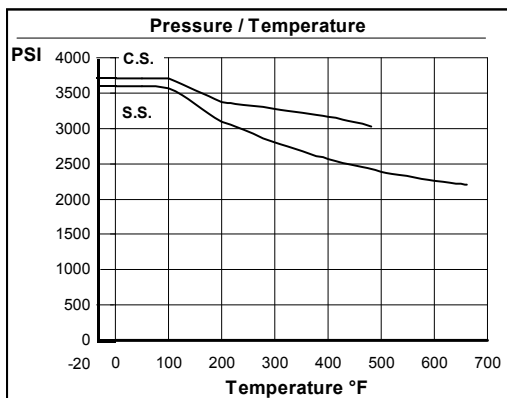
STAINLESS STEEL
3600 PSI from -20°F to 100°F
2205 PSI to 662°F Maximum

CARBON STEEL
3705 PSI from -20°F to 100°F
3026 PSI to 482°F Maximum

Service temperature for elastomers
VITON from -22°F (-30°C) to 482°F (250°C)
EPDM from -40°F (-40°C) to 248°F (120°C)
NBR from -22°F (-30°C) to 248°F (120°C)

For check valves with joint seal poppet the maximum back pressure allowed is up to 100 bar.

Connections: NPT (ANSI/ASME B1.20.1) and BSP (ISO 228)
Materials: Body in STAINLESS STEEL Grade 316 and CARBON STEEL
Poppet in STAINLESS STEEL Grade 316 in all the versions.
Spring in AISI 302 STAINLESS STEEL



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