

30 SERIEN

30-SERIEN

30-Serien

- Max indgangstryk: 414, 600 bar
- Temperaturområde: -40 til 74°C
- Leak: Bubble tight
- CV: 0.28 - 20.0



PRODUKTBESKRIVELSE

TESCOM 30-serien

Denne serie af lukkeventiler er designet til højtryks- og højflow-applikationer op til 690 bar og tilbyder en Cv-værdi på 0,28-20,0. 30-serien tilbyder globe og vinklede mønstre med bidirektional flow, blødt sæde og indbygget metalstop.

Applikationer

- Støtte til jordstyringsudstyr (GSE)
- Trykpaneler og manifolder til instrumentering
- Forsknings- og udvikningslaboratorier • Systemer til gasanalyseprøvetagning

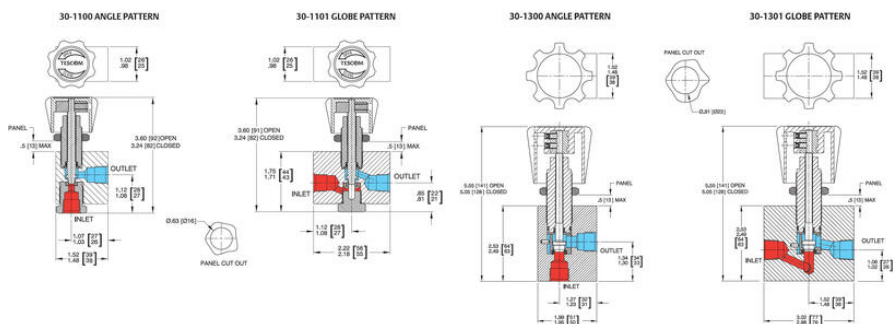
Fordele

- Kapacitet på 6000 og 10.000 psig / 414 og 690 bar
- Cv-værdi fra 0,28 til 20,00
- Globe eller vinklede konfigurationer
- Portstørrelser fra 1/4" til 1-1/2"
- Lav drifts- og lukketorsion ved høje tryk
- Bidirektional service til væske eller gas
- Blødt sæde sikrer lufttæt lukning

Example for selecting a part number:

30-11	0	1	2	04
BASIC SERIES	VALVE STEM TYPE	PATTERN TYPE	INLET AND OUTLET PORT TYPE	INLET AND OUTLET PORT SIZE
30-11 - 30-1300 10,000 psig 690 bar	0 - Shut-off (Standard) 1 - Bleeding (optional on 30-1300 only)	0 - Angle 1 - Globe	0 - BSP 1 - 1/4" 2 - NPT 3 - MS (3/16") 6 - Medium Pressure ¹	04 - 1/4" (30-1100) 06 - 3/8" (30-1100, 30-1300) 08 - 1/2" (30-1300) 12 - 3/4" (30-1300) 14 - 1" (30-1300) 24 - 1 1/2" (30-1400)
30-12 - 30-1200 6000 psig 414 bar				
30-13 - 30-1300 10,000 psig 690 bar				
30-14 - 30-1400 6000 psig 414 bar				

SERIES	PATTERN	Cv	WEIGHT	CONTROL TORQUE
30-1101-XXXX	Globe	0.28	1 lb / 0.5 kg	15 in-lb / 1.5 N-m
30-1100-XXXX	Angle	0.19	3/16 lb / 0.1 kg	15 in-lb / 1.5 N-m
30-1301-XXXX	Globe	1.57	3-1/4 lb / 1.5 kg	25 in-lb / 2.8 N-m
30-1300-XXXX	Angle	2.38	2-1/4 lb / 1.1 kg	25 in-lb / 2.8 N-m
30-1201-XXXX	Globe	8.00	8 lb / 3.6 kg	35 in-lb / 4.0 N-m
30-1200-XXXX	Angle	10.00	7-1/2 lb / 3.4 kg	35 in-lb / 4.0 N-m
30-1400-XXXX	Globe	20.00	30 lb / 14 kg	35 in-lb / 4.0 N-m



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Figure 1 consists of two schematic diagrams of the test rig. Diagram (a) is a top view showing the inlet, outlet, and panel dimensions. Diagram (b) is a side view showing the inlet, outlet, and panel dimensions. The diagrams include various dimensions in millimeters (mm) and inches (in).

30-11	0	1	2	04
BASIC SIZE	VALVE STEM TYPE	PATTERN TYPE	INLET AND OUTLET PORT TYPE	INLET AND OUTLET PORT SIZE
30-11 - 10-1300 10,000 psi 11,500 psi	0 - Vertical only (Standard) 1 - Horizontal (optional on 30-1100 only)	0 - Angel 1 - Globe	0 - 2"Ø 1 - 1.5"Ø	04 - 1"Ø (30-1300) 04 - 1.5"Ø (30-1400, 30-1500)
30-12 - 10-1300 10,000 psi 11,500 psi		2 - 90°/1°	3 - 90°/130° 4 - Medium Pressure**	08 - 1.12"Ø (30-1300) 12 - 1.12"Ø (30-1500)
30-13 - 10-1300 10,000 psi 6000 psi				16 - 1"Ø (30-1300) 20 - 1.12"Ø (30-1400)
30-14 - 10-1400 6000 psi 4150 psi				

* Available on 30-1100 only
 * Not available on 30-1400
 * Available in Globe Pattern only

Technical drawing of the 110/125mm panel. The drawing includes a top view of the panel with a 110/125mm opening and a side view showing the internal components. Key dimensions and labels include:

- Top view: 110/125mm opening, 1.62" (41mm) width, 1.52" (39mm) height.
- Side view: 3.40" (87mm) OPEN, 3.24" (82mm) CLOSED, 1.12" (28mm) height, 1.05" (27mm) width, 1.62" (41mm) width, 1.48" (38mm) width, 0.63" (16mm) diameter, 0.5" (13mm) height.
- Labels: PANEL, INLET, OUTLET, PANEL CUT OUT.

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