

30 SERIEN**30-1100-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 udviklingslaboratorier • Systemer til gasanalyseprøvetagning

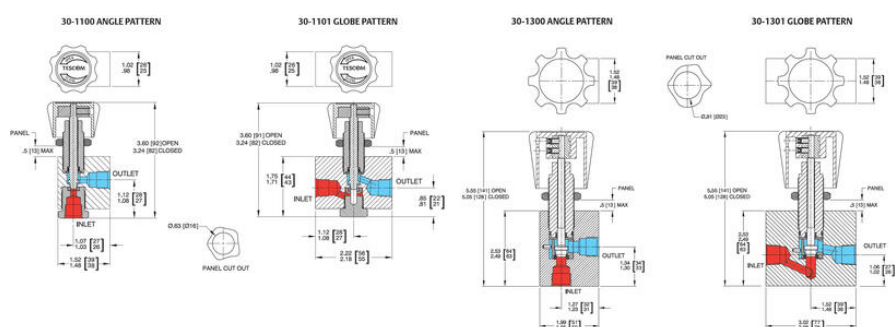
Fordele

- 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 - 30-1100 10.000 psig 690 bar	0 - Shut-off (Standard) 1 - Bleeding (optional on 30-1100 only)	0 - Angle 1 - Globe	0 - BSP 1 - SAE 2 - NPT 3 - MS (3/16") 6 - Medium Pressure ¹	04 - 1/4" (30-1100) 06 - 3/8" (30-1100 ² , 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 / 1.7 N-m
30-1102-XXXX	Angle	0.49	3/16 lb / 0.1 kg	15 in-lb / 1.7 N-m
30-1103-XXXX	Globe	1.57	3-1/4 lb / 1.5 kg	25 in-lb / 2.8 N-m
30-1104-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
30-1202-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



The technical drawings include:

- Top View:** Shows a circular flange with four mounting holes. Dimensions include a total diameter of 6.75 [in] and a hole-to-hole distance of 5.875 [in].
- Side View:** A cross-section of the pump assembly. Key dimensions include a total height of 9.50 [in], a base thickness of 3.50 [in], and internal clearances of 0.125 [in] and 0.250 [in]. Labels indicate "PANEL (PT) MAX", "INLET 2.0\" P-ORCE", "OUTLET", and "JIM NOT MOUNTING".
- Screw Panel Mounting View:** Two circular views showing the mounting interface. The top view shows a central hole with a diameter of .75 [in] and a hole-to-hole distance of 1.50 [in]. The bottom view shows a larger central hole with a diameter of .625 [in]. Both views are labeled "JIM NOT MOUNTING".

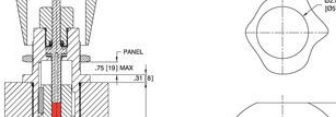
Figure 1 consists of two schematic diagrams of the test rig. Diagram (a) is a top view showing the inlet, outlet, and panel dimensions. Diagram (b) is a side view showing the inlet, outlet, and panel dimensions. The diagrams include various dimensions in millimeters (mm) and inches (in).

[illegible]

30-11	0	1	2	04
BASIC SERIES	INPUT STEM TYPE	PATTERN TYPE	INLET & OUTLET PORT	INLET & OUTLET PORT SIZE
30-11 - 10 1300 50000 gms	Ø - Universal (Standard) 3 - Rotating (patented) (30 1100 only)	Ø - Angel ¹ 1 - Cube	Ø - DPT ² 1 - 4-42 ³ 2 - 70/91 ³ 3 - 145/139 ³	Ø4 - 1/2" (30 1100) Ø6 - 1/2" (30 1100, 30 1300) Ø8 - 1/2" (30 1300) 12 - 1/2" (30 1300) 16 - 1" (30 1300) 24 - 1 1/2" (30 1400)
30-12 - 10 1300 10,000 gms 4114 gms			Ø - Medium Pressure ⁴	
30-13 - 10 1300 10,000 gms 6000 gms				
30-14 - 10 1400 6000 gms 4114 gms				

1. Available on 30 1100 only
 2. Not available on 30 1400
 3. Available in Cube Pattern only

Technical drawing of the 1000mm panel. The drawing includes a top view of the panel with a 1000mm dimension. A side view shows the panel with an inlet and outlet. The inlet has a diameter of 1.07 (1.00) inches. The outlet has a diameter of 1.12 (1.00) inches. The panel has a thickness of 0.63 (0.71) inches. The panel is shown in two states: 3.40 (3.25) OPEN and 3.24 (3.09) CLOSED. The panel is labeled PANEL 1000MM. The drawing also shows a detail of the panel cut out.

[illegible]

Technical drawing of the 1000 Series 1/2" (15.875" O.D.) Ball Valve. The drawing includes a cross-sectional view of the valve assembly and two views of the panel cut out. The cross-section shows the internal components, including the ball, stem, and handle, with dimensions for the inlet, outlet, and panel cut out. The panel cut out views show the top and side profiles of the valve body, with dimensions for the cut out shape and the overall valve dimensions.