



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

STEAM INDUSTRY ANGLE PATTERN GLOBE VALVE

This style of valve was once common place in the steam industry up to mid 1980's however with the rationalization or closures of many UK factories issues such as availability caused the decline in its use. VALVE AND FLOW CONTROL SPECIALISTS is resurrecting this style of valve here in Australia. These valves are ideally suited for applications such as crown valves (particularly in larger flanged sizes) on vessels or other applications where a right-angle valve saves space changing pipe direction. All globe valves should be installed with their stems upright. The angle valves discharge conditions are more favourable in respects to fluid dynamics, while less erosion gives them longer lifespans making them the preferred valve selection of boiler engineers.

Forged Steel Angle Pattern Globe Valve Fig. VGL-F801SCRA

DESCRIPTION

Forged steel **CLASS 800** globe valve angle pattern bolted bonnet outside screw and yoke, rising stem **FULL STELLITE** trim for steam use, back-seating design. Conforming to API602.

ENDS

Available to suit NPT, optional BSPT and socket weld
Face to face is manufactures standard. Flanges ASME B1.20.1

SIZE RANGE

15nb to 50nb (1/2" to 2")

PRESSURE/ TEMPERATURE RATING

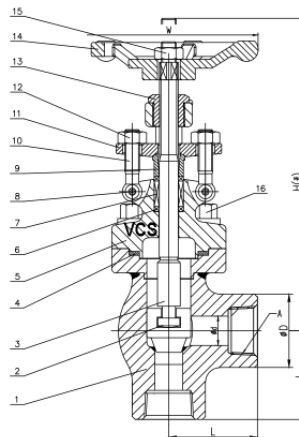
As per ASME pressure Class 800 1975psi @ 100F – ASME B16.34
NOTE Forged steel is not recommended for temperatures above 425 Deg C

TEST PRESSURES

Body Shell test 21 MPA
Seat 15.4 MPA
Tested to A.P.I. 598



16	BOLT	A193-B7
15	NUT	C.S
14	HANDWHEEL	A197
13	STEM NUT	A276-410
12	EYEBOLT NUT	A194-2H
11	GLAND FLANGE	A105N
10	EYEBOLT	A193-B7
9	GLAND	A276-410
8	PIN	A276-410
7	PACKING	GRAPHITE
6	PACKING	GRAPHITE+S.S.
5	BONNET	A105N
4	BONNET GASKET	304+GRAPHITE
3	STEM	A182-F6a
2	DISC	A182-F6a+STL
1	BODY	A105N+STL
Serial No.	Part Name	Material



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