Global Valves
AD-2000 CE
TA LUFT



CAST STEEL GLOBE VALVES CLASS 150-600

API600 CAST STEEL GLOBE VALVES
CLASS 150-600
FLNAGED ENDS
KTN, Modentic
Range: DN50-500 - (2″-20″)
PRESSURE : CLASS 150-600
TEMPERATURE UP TO : 454°C



Description

Conical seat design
Round Bonnet with Integral York.
Outside Screw and Yoke, Rising stem design
Seat face stellited, ground and lapped to a mirror finish, conical seat machined to 8 RMS
Universal Trim-13 Cr stem, wedge 13 Cr face and stellited seat API Trim 8 suitable for applications up to 850˚F (454˚C)
Body and Bonnet joint accurately machined, Full enclosed gasket
Sample Castings:
Before castings are released for production, the Modentic NDE inspector level,
evaluates and approves the submitted x-ray films (100% coverage) as per ASME B16.34 acceptance standard
Improves the internal integrity of castings (RT level 2 or better) at pattern approval
Standard compliance:
Valve design according to BS 1873
Shell wall Thickness according to BS 1873
Pressure-temperature rating according to ASME/ANSI B16.34
Material according to ASTM
Face to Face according to ASME/ANSI B16.10 class 600 RF
End to end according to ASME/ANSI B16.10 class 600 BW
Flanged dimension according to ASME/ANSI B16.5 class 600 RF,Finish 125-250 AARH
Butt weld dimension according to ASME/ANSI B16.25
Pressure testing according to API 598

Technical details

PRODUCT TYPE	API150-600 Cast Steel Globe Valves
STANDARD COMPLIANCE	BS 1873, ASME/ANSI B16.34 Class 150, ASME/ANSI B16.10 Class 150 RF ASME/ANSI B16.10 Class 150 BW, ASME/ANSI B16.5 Class 150 Finish : 125-250 AARH, ASME/ANSI B16.25, API 598
OPERATION	Hand wheel
PRESSURE	CLASS 150-600
CONNECTION	Flanged End ANSI B16.5 / EN1092 *VALVES LENGTH STANDARD* ANSI B16.10 / DIN3202 F1 / F4 / F5
PORT	Full Bore
BODY **Material**	ASTM A216 Gr.WCB
CAP / BONNET **Material**	ASTM A216 Gr.WCB
STEM **Material**	ASTM A182 Gr.F316
DISC **Material**	ASTM A105 + 13Cr
SEAT Material	-
BODY SEAL Material	SS304 + GRAPHITE
STEM PACKING Material	FLEXIBLE GRAPHITE
TEMPRATURE	Universal Trim-13 Cr stem, wedge 13 Cr face and stellited seat API Trim 8 suitable for applications up to 850°F (454°C)



SIZE **NPS**	**E** mm	**H** mm	**L** mm	**WEIGHT** kgs
DN50	200.0	338.0	203.0	19.00
DN65	250.0	373.0	216.0	28.00
DN80	250.0	396.0	241.0	35.00
DN100	300.0	467.0	292.0	59.00
DN125	350.0	497.0	356.0	-
DN150	350.0	524.0	406.0	98.00
DN200	400.0	588.0	495.0	159.00
DN250	500.0	738.0	622.0	287.00
DN300	560.0	862.0	698.0	441.00
DN350	600.0	950.0	787.0	-
DN400	650.0	994.0	916.0	-
DN450	610.0	1040.0	978.0	-

DN500	610.0	1105.0	978.0	-

Inch	E **Inch**	H **Inch**	L **Inch**	WEIGHT **lbs**
2"	7.9	13.3	8.0	41.9
2-1/2"	9.8	14.7	8.5	61.8
3"	9.8	15.6	9.5	77.3
4"	11.8	18.4	11.5	130.2
5"	13.8	19.6	14.0	-
6"	13.8	20.6	16.0	216.3
8"	15.7	23.1	19.5	351.0
10"	19.7	29.1	24.5	633.6
12"	22.0	33.9	27.5	973.5
14"	23.6	37.4	31.0	-
16"	25.6	39.1	36.1	-
18"	24.0	40.9	38.5	-
20"	24.0	43.5	38.5	-

Any kind of business solution or consultation don’t hesitate to

CONTACT US