



General arrangement drawing
Uncontrolled VCS document subject
to change without notice.

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB+STL
2	DISC	ASTM A105+13Cr
3	DISC COVER	CAST STEEL
4	STEM	ASTM A182 F6a
5	GASKET	SS304+GRAPHITE
6	NUT	ASTM A194 2H
7	STUD	ASTM A193 B7
8	BACK SEAT	ASTM 1182 F6
9	BONNET	ASTM A216 WCB
10	PACKING	GRAPHITE
11	GLAND	ASTM A182 F6
12	GLAND FLANGE	ASTM A216 WCB
13	EYE NUT	ASTM A194 2H
14	EYE STUD	ASTM A193 B7M
15	PIN	CAST STEEL
16	STEM NUT	COPPER ALLOY
17	LOCATING SCREW	ASTM A193 B7
18	HANDWHEEL	KT330-8
19	WASHER	CAST STEEL
20	NUT	ASTM A194 2H

SIZE	L	D	D1	D2	B	H	W	Z - d
40	229	155	114.3	73	21.1	260	200	4 - 22
50	267	165	127	92	22.7	330	200	8 - 19
65	292	190	149.2	105	26	395	250	8 - 22
80	318	210	168.3	127	29	410	280	8 - 22
100	356	255	200	157	32.2	466	300	8 - 22
125	400	280	235	186	35.4	530	350	8 - 22
150	445	320	270	216	37	570	400	12 - 22
200	559	380	330.2	270	41.7	685	500	12 - 25
250	622	445	387.4	324	48.1	771	550	16 - 29

DESIGN & MFT	BS 1873	ENDS CONNECTION	R.F.
PRE - TEMP RATING	ASME B16.34	INSPECT & TEST	API 598
F - F DIMENSION	ASME B16.10	FLANGE DIMENSION	ASME B16.5
MARKING	MSS - SP - 25	PAINTING	STD SILVER

REV D	Valve and Flow Control Specialists	
DATE	APR 2018	GL-C30-1
SCALE	TO FIT	
CAST STEEL GLOBE VALVE OS&Y CLASS 300 RF		