

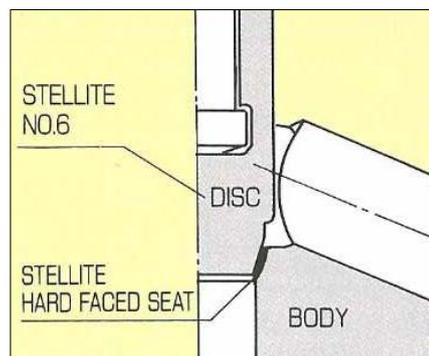
SUPERO STANDARD FORGED STEEL GLOBE VALVES

MATERIALS

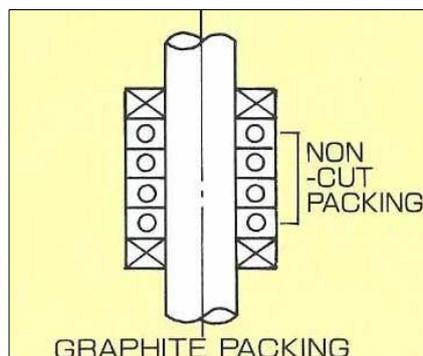
● Main Material & Part's Name

PARTS NO	NAME OF PARTS	MATERIAL			
		ASTM A105	ASTM A182 F22	JIS SUS304 ASTM A182 F304	JIS SUS316 ASTM A182 F316
1	BODY	ASTM A105	ASTM A182 F22	JIS SUS304 ASTM A182 F304	JIS SUS316 ASTM A182 F316
4	DISC	STELLITE NO.6			
5	STEM	JIS SUH600			
6	PACKING				
7	YOKE				
8	SPRING SEAT/GLAND				
9	SET BOLT				
10	SPRING CASE				
11	DISH SPRING				
12	YOKE BUSH				
13	GLAND BUSH				
14	LOOSE BACK SEAT				
15	HAND WHEEL				
16	NAME PLATE				
	HAND WHEEL WASHER				
17	STOPPER				
18	YOKE PLATE				
19	NUT				
20	YOKE BOLT				
21	RETAINING RING				
32	KEY				
41	HANDLE BUSH				
42	HAND WHEEL				
43	STAND				
44	HEAD NUT				
45	FEATHER KEY				
46	BEARING				
50	GREASE NIPPLE				
51	STOP NUT				

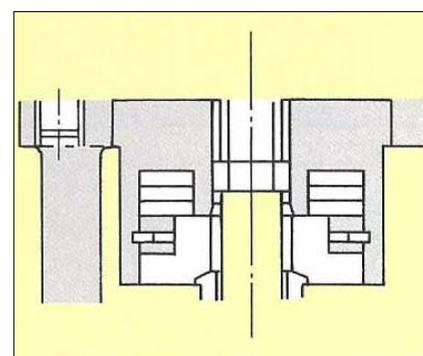
DETAIL OF "A"



DETAIL OF "B"



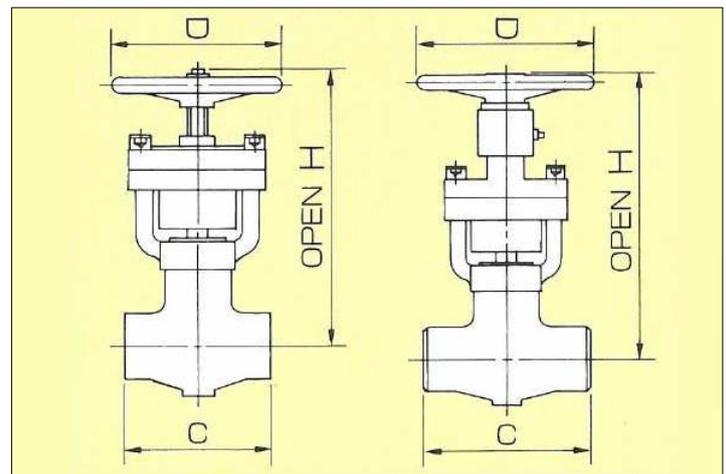
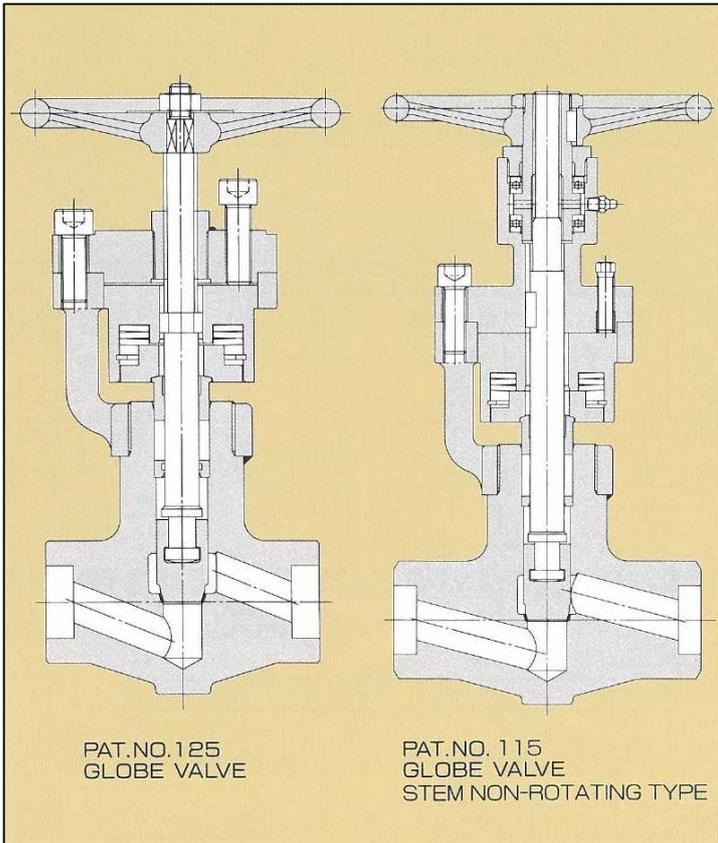
DETAIL OF "C"



**GLOBE TYPE
CLASS 900,1500,2500,4500**

DESCRIPTION

RATING	PAT.NO.	TYPE	ENDS	SIZES
900	1250822	-	SOCKET WELD	1/2 to 1
	1150822	STEM NON-ROTATNG TYPE		1 1/2 . 2
1500	1250922	-	SOCKET WELD	1/2 to 1
	1150922	STEM NON-ROTATNG TYPE		1 1/2 . 2
2500	1251822	-	SOCKET WELD	1/2 to 1
	1151822	STEM NON-ROTATNG TYPE		1 1/2 . 2
4500	1253222	-	SOCKET WELD	1/2 to 1
	1153222	STEM NON-ROTATNG TYPE		1 1/2 . 2



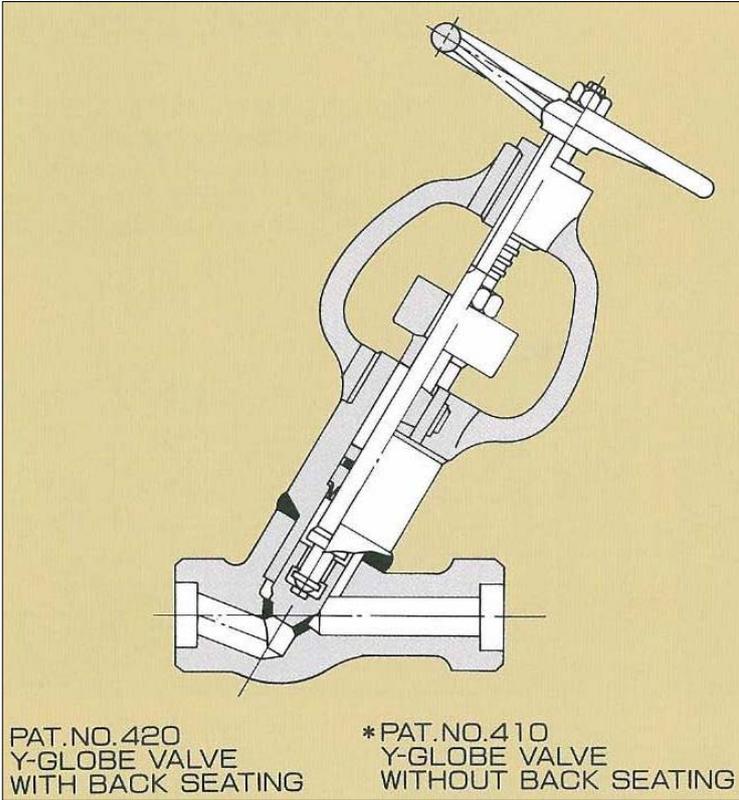
DIMENSIONS, MASSES

RATINGS		900,1500					2500					4500				
SIZES		ACTUAL BORE	END TO END	CENTER TO TOP	DIA OF WHEEL	VALVE MASS	ACTUAL BORE	END TO END	CENTER TO TOP	DIA OF WHEEL	VALVE MASS	ACTUAL BORE	END TO END	CENTER TO TOP	DIA OF WHEEL	VALVE MASS
B	A	mm	mm C	mm H	mm D	kg	mm	mm C	mm H	mm D	kg	mm	mm C	mm H	mm D	kg
1/2	15	12	128	261	150	9	10	128	261	150	9	8	128	261	150	10
3/4	20	16	128	261	150	9	14	128	261	150	10	10	128	261	150	10
1	25	18	128	261	150	10	18	128	261	150	10	14	178	261	150	13
1 1/2	40	28	216	396	230	28	28	216	396	230	28	24	216	396	230	32
2	50	36	216	501	300	56	34	216	501	300	56	30	216	501	300	63

As for Material of the main parts, refer to the Table on page 1.

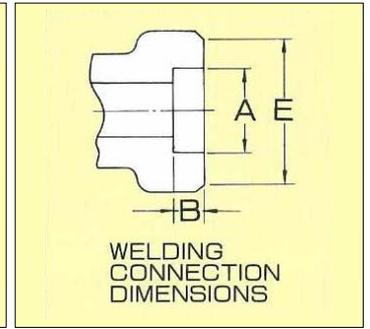
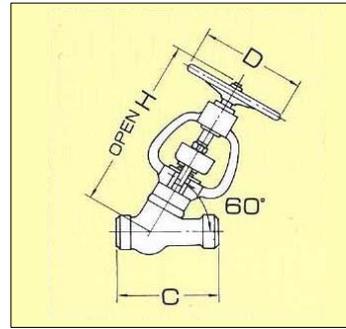
SUPERO STANDARD FORGED STEEL GLOBE VALVES

Y-GLOBE TYPE CLASS 1500,2500,4500



DESCRIPTION

RATINGS	PAT.NO.	ENDS	SIZES
1500	4100922	SOCKET WELD	1/2 to 1
	4200922		
2500	4101822		
	4201822		
4500	4103222		3/4 to 2
	4203222		



DIMENSIONS, MASSES [TYPE WITHOUT BACK SEATING]

unit=mm

SIZES		1500					2500					4500				
B	A	C	H	D	kg	C	H	D	kg	C	H	D	kg			
1/2	15	15	150	235	105	6	12	150	245	105	6	-	-	-	-	-
3/4	20	19	170	280	125	8	15	170	290	125	10	12	190	270	105	11
1	25	24	190	315	170	12	19	190	335	170	15	15	210	315	125	17
1 1/2	40	34	250	435	260	28	29	250	455	260	35	24	280	425	200	40
2	50	44	340	545	360	60	39	340	545	360	72	34	340	510	300	72

DIMENSIONS, MASSES [TYPE WITH BACK SEATING]

unit=mm

SIZES		1500					2500					4500				
B	A	C	H	D	kg	C	H	D	kg	C	H	D	kg			
1/2	15	15	150	245	105	7	12	150	265	105	9	-	-	-	-	-
3/4	20	19	170	300	125	9	15	170	310	125	14	12	190	290	105	16
1	25	24	190	335	170	13	19	190	355	170	21	15	210	335	125	23
1 1/2	40	34	250	465	260	29	29	250	485	260	70	24	280	450	200	54
2	50	44	340	575	360	62	39	340	580	360	85	34	340	545	300	85

Welding Connection Dimensions

unit=mm

VALVE SIZES(B)	1/2	3/4	1	1 1/2	2
E - Welding End Body Diameter -1500-2500 VALVES	46	52	62	80	95
E - Welding End Body Diameter - 4500 VALVES	46	52	62	90	110
A - Socket Diameter	22.2	27.7	34.5	49.1	61.1
B - Depth of Socket	13	13	16	16	19

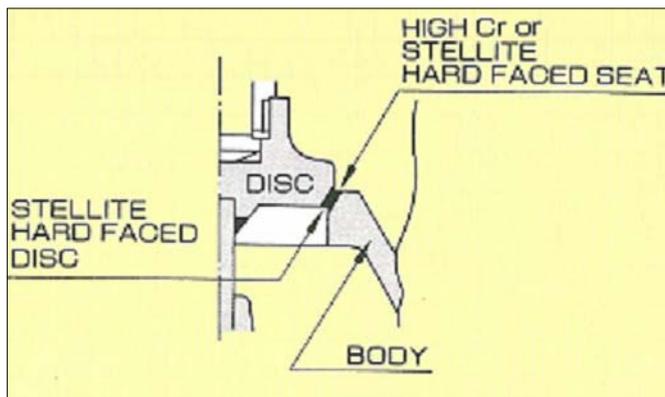
Please inquire us as for material of main parts.

SUPERO STANDARD CAST STEEL GLOBE VALVES

MATERIALS

● Main Material & Part's Name

PARTS NO	NAME OF PARTS	MATERIAL		
1	BODY	JIS SCPH2 ASTM A216 WCB JIS S25C ASTM A105	JIS SCPH21 ASTM A217 WC6 ASTM A182 F11	JIS SCPH32 ASTM A217 WC9 ASTM A182 F22
2	BONNET			
3	VALVE SEAT	JIS S25C ASTM A105	ASTM A182 F11	ASTM A182 F22
4	VALVE DISC			
5	STEM	JIS SUS403, SUS431		
6	JOINT BOLT	ASTM A193 B7	ASTM A193 B16	
7	GUIDE BAR			
8	GLAND BUSH			
9	PACKING WASHER			
10	DISC NUT			
11	YOKE			
12	GLAND			
13	GLAND BOLT CLAMP			
14	BONNET CLAMP			
15	GLAND BOLT			
16	TAIL GUIDE BAR			
17	YOKE BUSH			
18	SEAL RING			
19	HEAD NUT			
20	GUIDE PLATE			
21	HANDLE BUSH			
22	HAND WHEEL			
23	FEATHER KEY			
24	WASHER			
25	THRUST WASHER			
26	GASKET			
27	PACKING			
28	THRUST BALL BEARING			
29	GREASE NIPPLE			
30	NECK BUSH			
31	DISC CENTER			



SUPERO STANDARD CAST STEEL GLOBE VALVES

BOLTED BONNET TYPE CLASS 900

- Butt weld ends conform to ANSI B 16.25 or your spec.

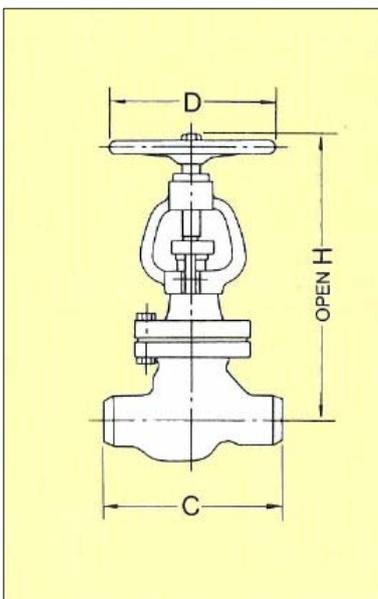
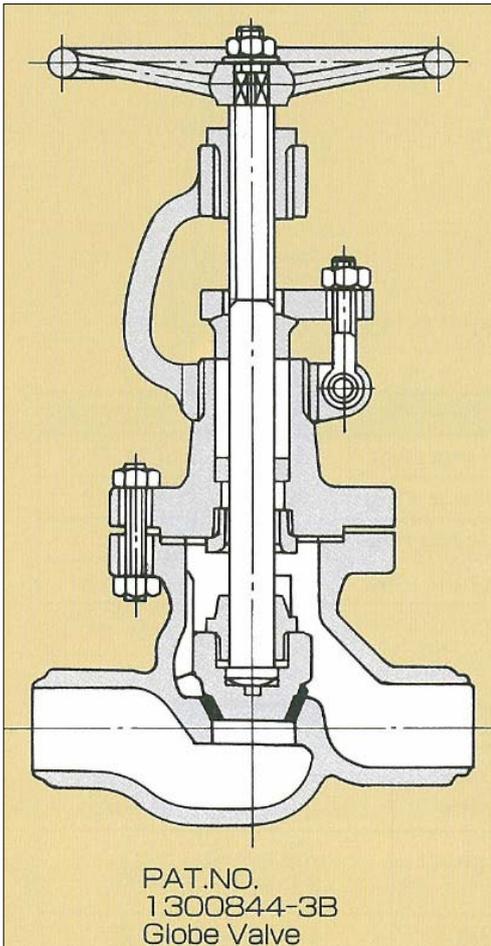
● DESCRIPTION

RATING	PAT.NO.	TYPE	OPE.TYPE	ENDS	SIZES
900	1300844	GLOBE	-	Butt Weld	2 1/2 & 3
	1320844		Hammer Blow		4
	1320844		Gear Ope.		5 to 10

● DIMENSIONS, MASSES

RATING		GLOBE 900			
SIZES		END TO END	CENTER TO TOP	DIA OF WHEEL	VALVE MASS
B	A	mm C	mm H	mm D	Kg
2 1/2	65	419	590	300	80
3	80	381	640	360	85
4	100	457	830	510	180
5	125	559	1350	460	302
6	150	610	1145	610	456
8	200	737	1575	610	906
10	250	838	1715	760	1200

As for Material of the main parts. Refer to the Table on page 1.



SUPERO STANDARD CAST STEEL GLOBE VALVES

PRESSURE SEAL BONNET TYPE CLASS 1500, 2000

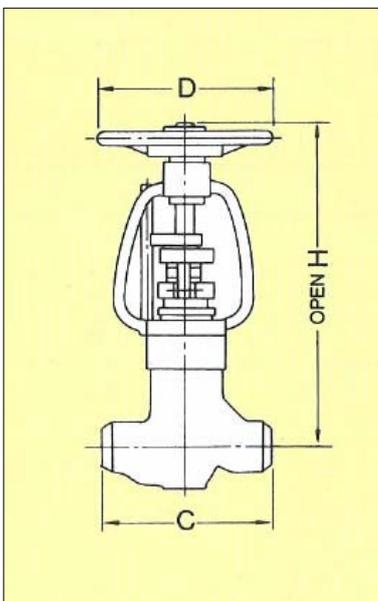
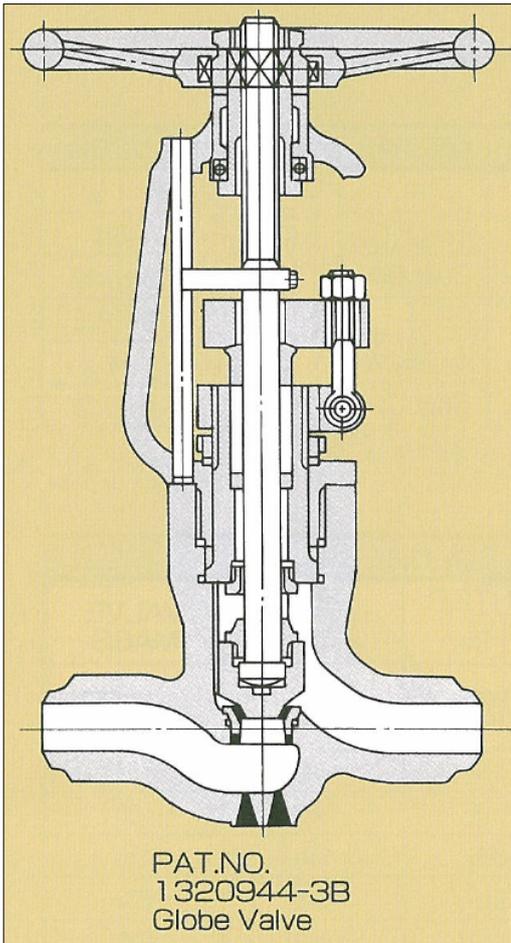
- Butt weld ends conform to ANSI B 16.25 or your spec.

● DESCRIPTION

RATING	PAT.NO.	TYPE	OPE.TYPE	ENDS	SIZES
1500	1320944	GLOBE	Hammer Blow	Butt Weld	2 1/2 & 3
	1320944		Gear Ope.		4 to 8
2000	1321444	GLOBE	Hammer Blow		2 1/2
	1321444		Gear Ope.		3 to 6

● DIMENSIONS, MASSES

RATING		GLOBE 1500			
SIZES		END TO END	CENTER TO TOP	DIA OF WHEEL	VALVE MASS
B	A	mm C	mm H	mm D	Kg
2 1/2	65	340	715	410	100
3	80	390	820	510	160
4	100	480	1030	460	345
5	125	580	1085	460	375
6	150	630	1190	760	555
8	200	770	1535	760	860



unit=mm

SIZES		GLOBE 2000			
B	A	C	H	D	Kg
2 1/2	65	420	815	510	160
3	80	470	980	460	270
4	100	570	1080	460	375
5	125	660	1235	610	775
6	150	760	1490	760	960

As for Material of the main parts. Refer to the Table on page 1.

SUPERO STANDARD CAST STEEL GLOBE VALVES

PRESSURE SEAL BONNET TYPE CLASS 2500, 3500

- Butt weld ends conform to ANSI B 16.25 or your spec.

● DESCRIPTION

RATINGS	PAT.NO.	TYPE	OPE.TYPE	ENDS	SIZES
2500	1321844	GLOBE	Hammer Blow	Butt Weld	2 1/2
	1321844		Gear Ope.		3 to 6

● DIMENSIONS, MASSES

RATING		GLOBE 2500			
SIZES		END TO END	CENTER TO TOP	DIA OF WHEEL	VALVE MASS
B	A	mm C	mm H	mm D	Kg
2 1/2	65	420	840	510	250
3	80	470	1015	460	360
4	100	570	1200	610	465
5	125	660	1410	760	520
6	150	760	1590	760	860

As for Material of the main parts. Refer to the Table on page 1.

- Butt weld ends conform to ANSI B 16.25 or your spec.

● DESCRIPTION

RATING	PAT.NO.	TYPE	OPE.TYPE	ENDS	SIZES
3500	1322544	GLOBE	Hammer Blow	Butt Weld	2 1/2
	1322544		Gear Ope.		3 to 5

● DIMENSIONS, MASSES

RATING		GLOBE 3500			
SIZES		END TO END	CENTER TO TOP	DIA OF WHEEL	VALVE MASS
B	A	mm C	mm H	mm D	Kg
2 1/2	65	480	890	460	235
3	80	640	1060	460	425
4	100	800	1280	610	500
5	125	930	1525	760	750

As for Material of the main parts. Refer to the Table on page 1.

