



UNIMECH GROUP, MALAYSIA



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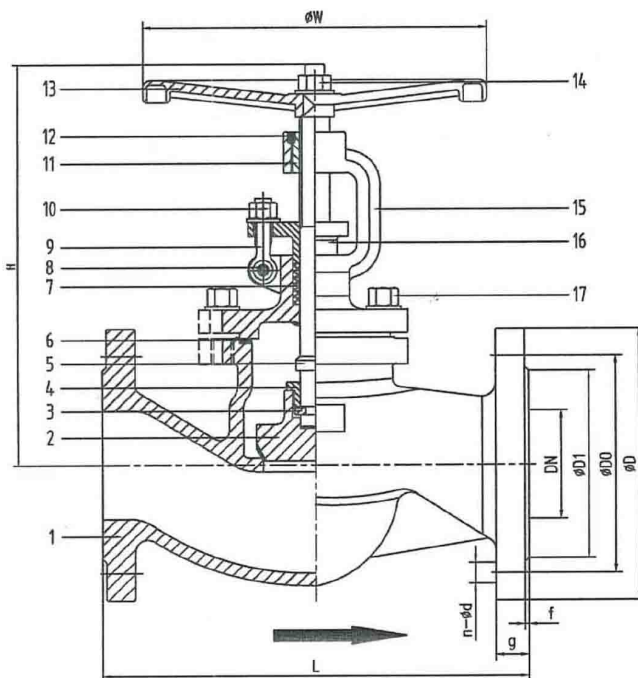
S-PATTERN GLOBE VALVE FLANGED END PN 40

Model : ARV-202FE(D)-SP



Material

No	PART	MATERIAL
1	BODY	GS-CS25+13Cr
2	DISC	2Cr13
3	OPEN LOOP	CARBON STEEL
4	NUT	CARBON STEEL
5	STEM	2Cr13
6	GASKET	FLEXIBLE GRAPHITE + 304
7	PACKING	FLEXIBLE GRAPHITE
8	PIN	CARBON STEEL
9	BOLT	ASTM A193 B7
10	NUT	ASTM A194 2H
11	STEM NUT	H62
12	PIN	CARBON STEEL
13	HANDWHEEL	CARBON STEEL
14	NUT	CARBON STEEL
15	BONNET	GS-C25
16	GLAND	GS-C25
17	BOLT	ASTM A193 B7



Technical Specification

Design and manufacture : DIN EN 13709:2003

Face to face dimension : DIN EN 558-1:1995

End flange dimension : DIN EN 1092-1:2002

Inspection and test : DIN EN 12266:2003

Performance Specification

Nominal Pressure		PN 40
Test Pressure	Intensity Test	6.0 Mpa
	Sealing Test (water)	4.4 Mpa
Working Temperature		-29 ~ 425 °C
Suitable Medium		Water, Oil & Gas

Dimension in mm

NPS	DN	L	ØD	ØD0	ØD1	g	f	n x Ød	H	W	Weight(kg)
1/2"	15	130	95	65	45	16	2	4 x 14	200	140	3.2
3/4"	20	150	105	75	58	18	2	4 x 14	200	140	4
1"	25	160	115	85	68	18	2	4 x 14	215	160	5.5
1.1/4"	32	180	140	100	78	18	2	4 x 18	215	180	8.7
1.1/2"	40	200	150	110	88	18	3	4 x 18	230	180	10.9
2"	50	230	165	125	102	20	3	4 x 18	230	200	14.5
2.1/2"	65	290	185	145	122	22	3	8 x 18	280	200	20
3"	80	310	200	160	138	24	3	8 x 18	280	250	28

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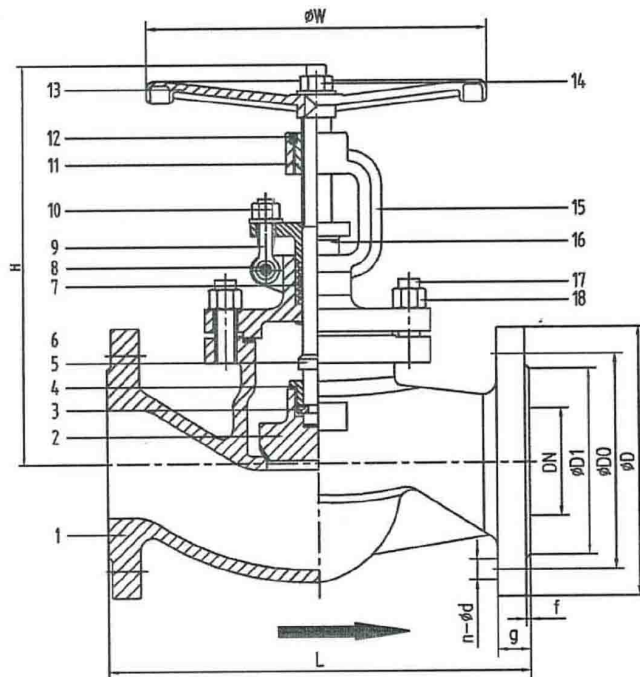
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5	STEM	2Cr13
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7	PACKING	FLEXIBLE GRAPHITE
8	PIN	CARBON STEEL
9	BOLT	ASTM A193 B7
10	NUT	ASTM A194 2H
11	STEM NUT	
12	PIN	CARBON STEEL
13	HANDWHEEL	CARBON STEEL
14	NUT	CARBON STEEL
15	BONNET	GS-C25
16	GLAND	GS-C25
17	NUT	ASTM A194 2H
18	BOLT	ASTM A193 B7

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Dimension in mm

NPS	DN	L	ØD	ØD0	ØD1	g	f	nxØd	H	W	Weight(kg)
4"	100	350	235	190	162	24	3	8 x 22	370	280	35
5"	125	400	270	220	188	26	3	8 x 26	400	300	61
6"	150	480	300	250	218	28	3	8 x 26	500	350	78

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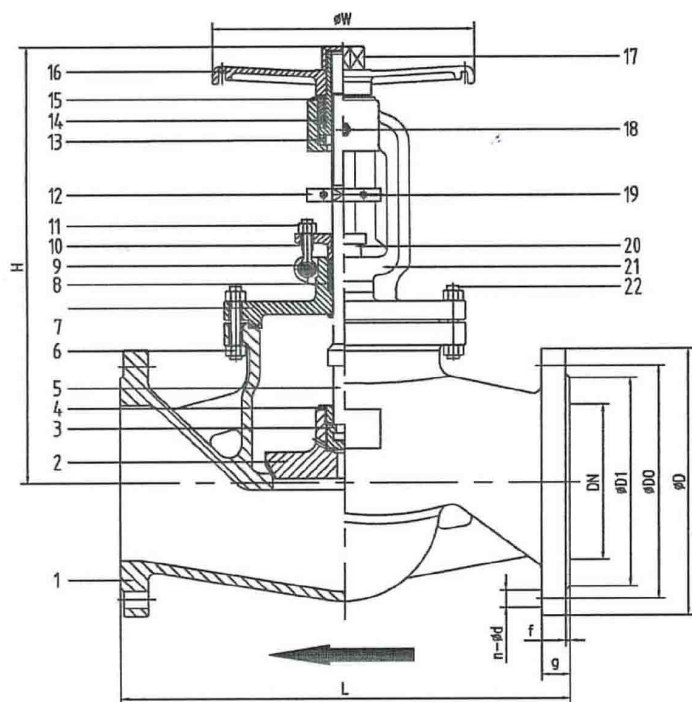


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Material

No	PART	MATERIAL
1	BODY	GS-CS25+13Cr
2	DISC	ASTM-C25+13Cr
3	DISC	ASTM-C25+13Cr
4	NUT	CARBON STEEL
5	STEM	2Cr13
6	NUT	ASTM A194 2H
7	GASKET	FLEXIBLE GRAPHITE + 304
8	PACKING	FLEXIBLE GRAPHITE
9	BOLT	CARBON STEEL
10	BOLT	ASTM A193 B7
11	NUT	ASTM A194 2H
12	STOP	CARBON STEEL
13	BEARING	-
14	STEM NUT	-
15	NUT	CARBON STEEL
16	HANDWHEEL	CARBON STEEL
17	NUT	CARBON STEEL
18	OIL CUP	
19	BOLT	CARBON STEEL
20	GLAND	GS-C25
21	BONNET	GS-C25
22	BOLT	ASTM A193 B7

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Dimension in mm

NPS	DN	L	ØD	ØD0	ØD1	g	f	nxØd	H	W	Weight(kg)
8"	200	600	375	320	285	34	3	12 x 30	630	400	136
10"	250	730	450	385	345	38	3	12 x 33	680	450	214
12"	300	850	515	450	410	42	4	16 x 33	720	500	321

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