



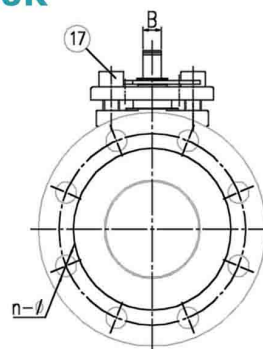
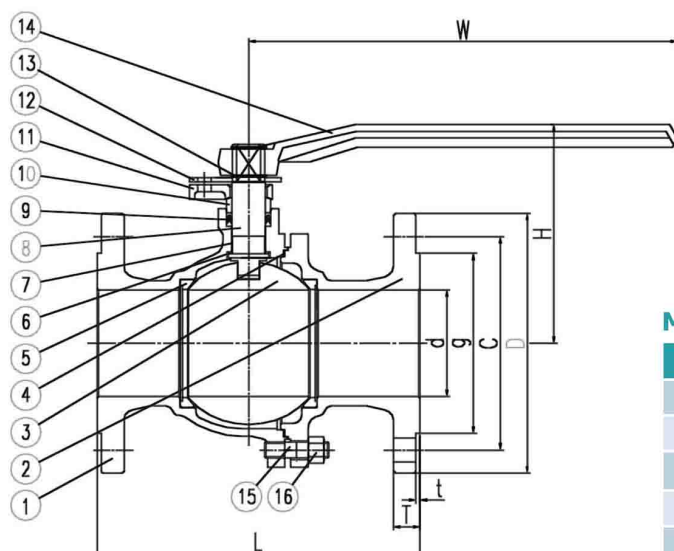
UNIMECH GROUP, MALAYSIA



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2-PC BODY BALL VALVE FLANGED END JIS 10K

Model : ARV-100FE(J)-2PC



Technical Data

Material

No	PART	MATERIAL
1	BODY	SCS13 / SCS14
2	BONNET	SCS13 / SCS14
3	BALL	A276-304 / A276-316
4	GASKET	PTFE
5	BALL SEATS	RPTFE
6	THRUST WASHER	PTFE
7	STEM BUSHING	PTFE (for 2" above)
8	STEM	A276-304 / A276-316
9	PACKING	PTFE
10	GLAND	A276-304 / A276-316
11	GLAND FLANGE	A351-CF8
12	LOCK PLATE	A276-304
13	RETAINING RING	A276-304
14	HANDLE	QT400-15
15	BONNET BOLT	A193-B8
16	NUT	A194-8
17	HEX. BOLT	A193-B8
18	NAMEPLATE	A276-304

Features :

Pressure - temperature rating : ASME B16.34

Face to Face : JIS B2002

End Flange dimension according to JIS B2220-2004

Inspection and Test : API598

Nominal pressure	10K	
Test Pressure	Shell Test	3.1 Mpa
Applicable Medium	Water, Oil, Gas	
Applicable Temperature	-29 ~ 180 °C	

Dimension in mm

SIZE		d	L	D	C	g	T	t	B	H	W	n-Ød
DN	in.											
15	1/2"	15	108	95	70	51	12	1	6	73	115	4-Ø15
20	3/4"	20	117	100	75	56	14	1	6	77	115	4-Ø15
25	1"	25	127	125	90	67	14	1	8	94	150	4-Ø19
32	1.1/4"	32	140	135	100	76	16	2	8	100	150	4-Ø19
40	1.1/2"	40	165	140	105	81	16	2	12	115.5	200	4-Ø19
50	2"	50	178	155	120	96	16	2	12	124	200	4-Ø19
65	2.1/2"	65	190	175	140	116	18	2	16	156	320	4-Ø19
80	3"	80	203	185	150	126	18	2	16	165	320	8-Ø19
100	4"	100	229	210	175	151	18	2	20	196	450	8-Ø19

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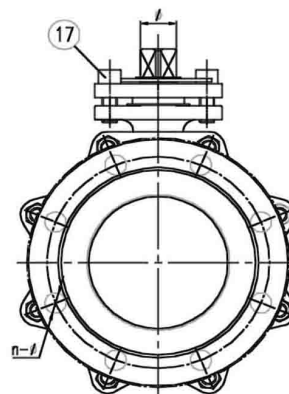
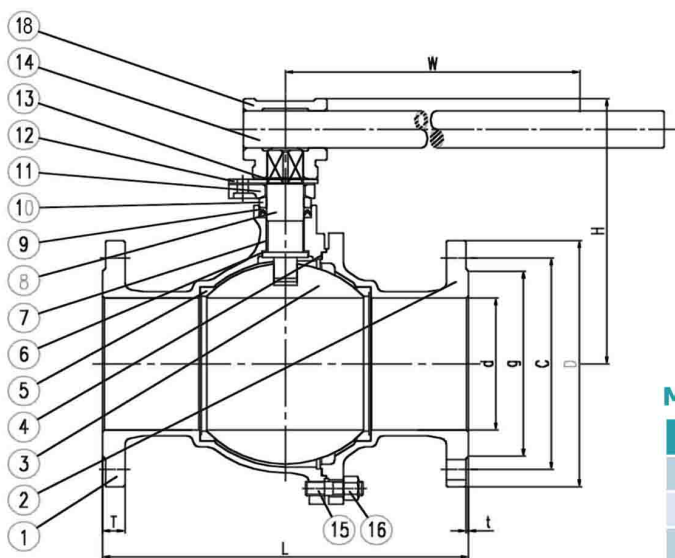
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2-PC BODY BALL VALVE FLANGED END JIS 10K

Model : ARV-100FE(J)-2PC



Technical Data

Material

No	PART	MATERIAL
1	BODY	SCS13 / SCS14
2	BONNET	SCS13 / SCS14
3	BALL	A276-304 / A276-316
4	GASKET	PTFE
5	BALL SEATS	RPTFE
6	THRUST WASHER	PTFE
7	STEM BUSHING	PTFE
8	STEM	A276-304 / A276-316
9	PACKING	PTFE
10	GLAND	A276-304 / A276-316
11	GLAND FLANGE	A351-CF8
12	LOCK PLATE	A276-304
13	RETAINING RING	A276-304
14	HANDLE	QT400-15
15	BONNET BOLT	A193-B8
16	NUT	A194-8
17	HEX. BOLT	A193-B8
18	HANDLE HUB	A216-WCB

Features :

Pressure - temperature rating : ASME B16.34

Face to Face : JIS B2002

End Flange dimension according to JIS B2220-2004

Inspection and Test : API598

Nominal pressure	10K	
Test Pressure	Shell Test	3.1 Mpa
Applicable Medium	Water, Oil, Gas	
Applicable Temperature	-29 ~ 180 °C	

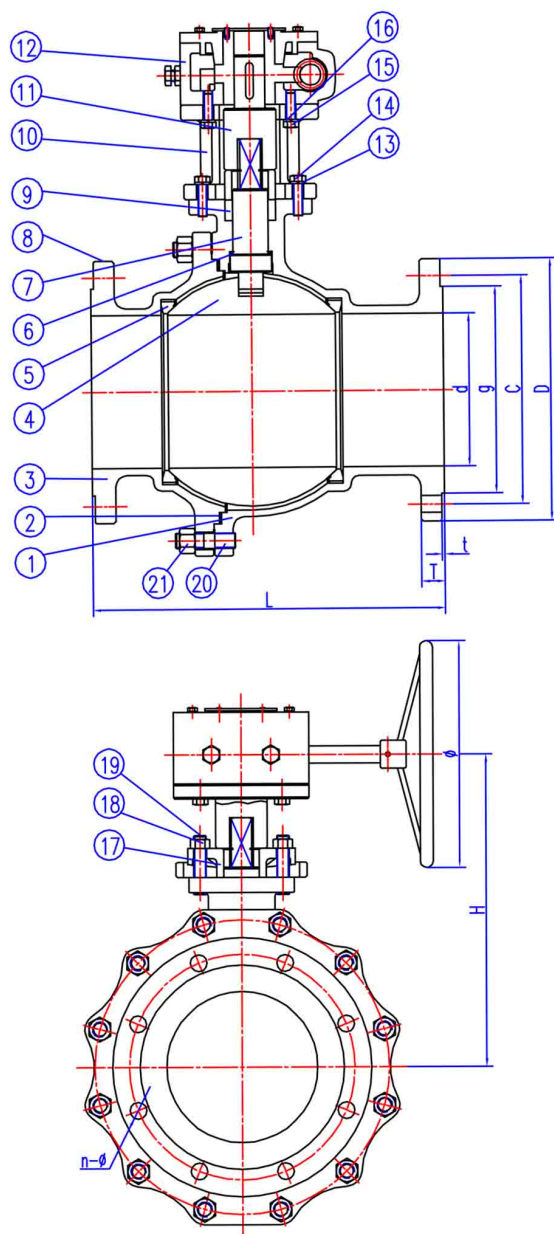
Dimension in mm

SIZE		d	L	D	C	g	T	t	Ø	H	W	n-Ød
DN	in.											
125	5"	125	356	250	210	182	20	2	39.5	284	800	8-Ø23
150	6"	150	394	280	240	212	22	2	39.5	301	800	8-Ø23
200	8"	200	457	330	290	262	22	2	45	396	940	12-Ø23
250	10	250	533	400	355	324	24	2	50	444	940	12-Ø25
300	12"	300	610	-	-	-	-	-	-	-	-	-

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2-PC BODY BALL VALVE FLANGED END JIS 10K

Model : ARV-100FE(J)-2PC



Features :

Pressure - temperature rating : ASME B16.34

Face to Face : JIS B2002

End Flange dimension according to JIS B2220-2004

Inspection and Test : API598

Nominal pressure	10K	
Test Pressure	Shell Test	3.1 Mpa
Applicable Medium	Water, Oil, Gas	
Applicable Temperature	-29 ~ 180 °C	

Material

No	PART	MATERIAL
1	BODY	SCS13A/ SCS14A
2	GASKET	PTFE
3	BONNET	SCS13A/ SCS14A
4	BALL	A276-304/A276-316
5	BALL SEATS	RPTFE
6	THRUST SEAL	PTFE
7	STEM	A276-304/A276-316
8	NAMEPLATE	A276-304
9	PACKING	PTFE
10	YOKE	A216-WCB
11	COUPLING	A276-420
12	WORMGEAR ACTUATOR	C.S.
13	SPRING GASKET	A276-304/A276-316
14	BOLT	A193-B8
15	BOLT	A193-B8
16	SPRING GASKET	A276-304
17	GLAND FLANGE	A351-CF8/A351-CF8M
18	BOLT	A193-B8
19	BOLT	A194-8
20	BONNET BOLT	A193-B8
21	NUT	A194-8

Dimension in mm

SIZE		d	L	D	C	g	T	t	n-Ød	H	Ø
DN	in.										
200	8"	203	457	330	290	262	22	2	12-Ø23	400	300
250	10"	250	533	400	355	324	24	2	12-Ø25	454	300
300	12"	300	610	445	400	368	24	3	16-Ø25	544	300

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