

F14M

Floating Ball Valve, Metal seated



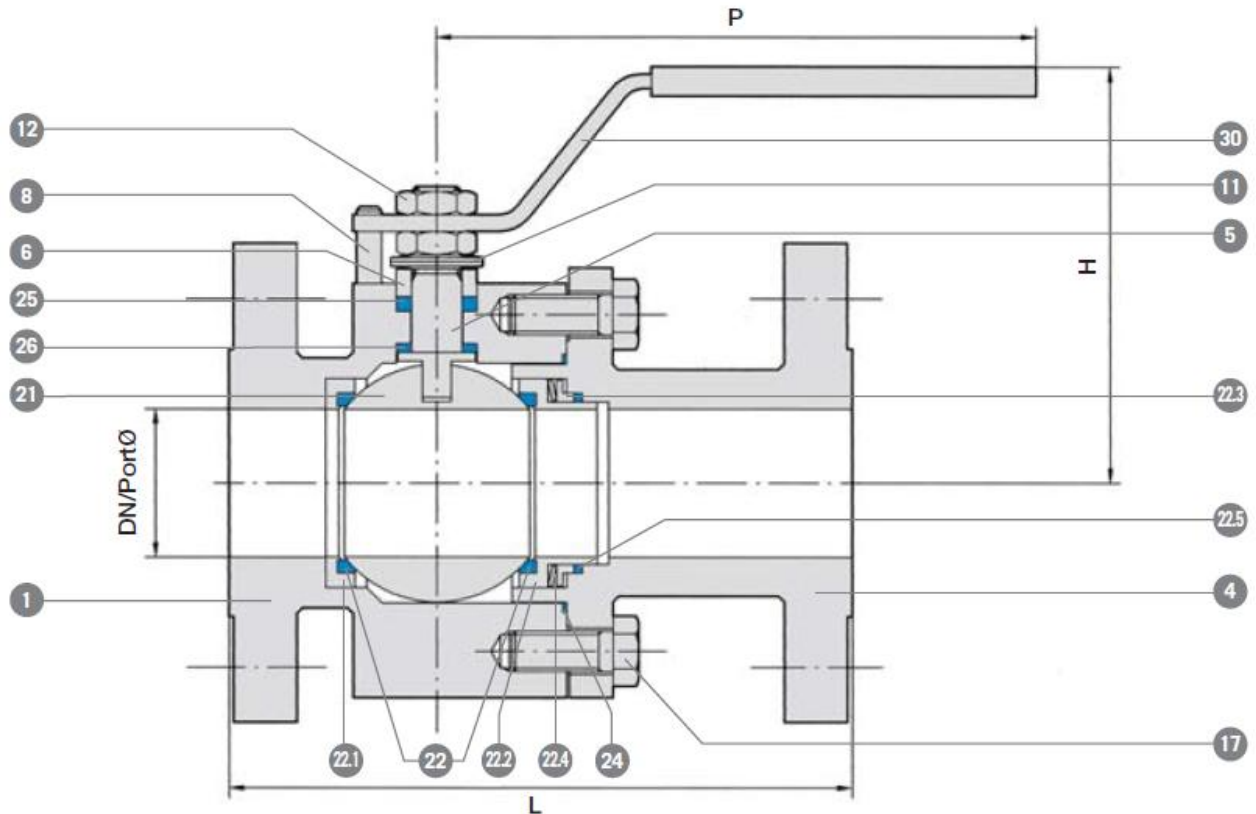
Features

- J Full bore or Reduced bore.
- J Design Standards: ANSI B16.34 / API 608 / EN 12569 / EN 17292
- J Flanges: ANSI B16.5 / EN 1092-1 / DIN 2634/2635
- J Testing: ANSI B16.104 / API 598 / EN 12266-1 / ISO 5208 / BS 6755-1
- J Top flange: ISO 5211
- J Seats: Metal seats.
- J Stem: Anti-static and proof Blow-out

Approvals

- J Fire test Certification: API 607 V ed. / ISO 10497
- J PED 2014-68-UE Cat III approval for CE marked products.
- J TA-LUFT approval (with 100mm. stem elongation)
- J ATEX approval

Dimensions



Size	General Dimensions [mm] - DIN											Weight			
DN	Port Ø	L			P		H		ISO 5211	Torque (N·m)			[Kg]		
		PN 16-40 ⁽¹⁾	PN 100 ⁽³⁾		PN 16-40 ⁽¹⁾	PN 100	PN 16-40 ⁽¹⁾	PN 100		PN 16	PN 40	PN 100	PN 16	PN 40	PN 100
15	14	115	165		145	145	64	70	F03	9	13	20	-	2,7	7
20	19	120	191				66	75		-	-	-	-	3	8,5
25	24	125	216		180	275	85	101		16	20	36	-	5,5	10
32	29	130	-				90	-		21	30	-	-	6,8	-
40	38	140	241		275	380	118	135	F05	33	47	100	-	10,5	18,5
50	51	150	292				128	146		68	107	225	-	15,5	25
80	76	180	356		380	440	144	185	F07	175	280	570	-	25	50
100	102	190 ⁽²⁾	-		440 ⁽²⁾	-	200 ⁽²⁾	-	F10	340	-	-	38	-	-
150	152	350 ⁽²⁾	-		800 ⁽²⁾	-	265 ⁽²⁾	-	F14	910	-	-	70	-	-

⁽¹⁾ PN40 (DN100-DN150): Please ask KCE.

⁽²⁾ Only for PN16.

⁽³⁾ Length according to ANSI 600.

Size	General Dimensions [mm] - ANSI											Weight		
DN	Port Ø	L			P		H		ISO 5211	Torque (N·m)			[Kg]	
		A150	A300	A600	A150 A300	A600	A150 A300	A600		A150	A300	A600	A150 A300	A600
½"	14	108	140	165	145	145	64	70	F03	10	15	20	3	7
¾"	19	117	152	191			66	75		-	-	-	4	8,5
1"	24	127	165	216	180	275	85	101		16	26	36	6	10
1.1/4"	29	140	180	-			90	-		22	35	-	8	-
1.½"	38	165	191	241	275	380	118	135	F05	35	54	100	13,5	18,5
2"	51	178	216	292			128	146		80	123	225	19	25
3"	76	203	283	356	380	440	144	185	F07	180	330	570	40	50
4"	102	229	305	-	440	-	200	-	F10	390	760	-	63	-
6"	152	394	403	-	800	-	265	-	F14	1050	2300	-	105	-

Material List

DIN				
Pos.	Description	Carbon Steel	Stainless Steel 316	Stainless Steel 304
01	Body	ASTM A105 (1.0460)	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 304 (1.4301)
04	Body Connector	ASTM A105 (1.0460)	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 304 (1.4301)
05	Stem	ASTM A479 Type 420 (1.4021)	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 304 (1.4301)
06	Gland ring	Carbon Steel	Carbon Steel	Carbon Steel
08	Stop pin	DIN 267 C.8.8	DIN 267 C.8.8	DIN 267 C.8.8
11	Washer	AISI 301	AISI 301	AISI 301
12	Nut	DIN 267 C.8	DIN 267 C.8	DIN 267 C.8
17	Bolt	ASTM A193 Gr.B7	ASTM A193 Gr.B8	ASTM A193 Gr.B8
21	Ball	ASTM A479 Type 316+HTC (1.4401+HTC)	ASTM A479 Type 316+HTC (1.4401+HTC)	ASTM A479 Type 304+HTC (1.4301+HTC)
22	Seat	Ni + G	Ni + G	Ni + G
22.1	Body Seat-holder	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 304 (1.4301)
22.2	B.C. Seat-holder	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 304 (1.4301)
22.3	Compression Ring	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 316 (1.4401)	ASTM A479 Type 304 (1.4301)
22.4	Seat Spring	AISI 301	AISI 301	AISI 301
22.5	Seat Seal	Graphoil	Graphoil	Graphoil
24	Body Seal	Graphoil	Graphoil	Graphoil
25	Gland Packing	Graphoil	Graphoil	Graphoil
26	Stem Seal	Graphoil	Graphoil	Graphoil
30	Handle	Carbon Steel	Carbon Steel	Carbon Steel

ANSI				
Pos.	Description	Carbon Steel	Stainless Steel 316	Stainless Steel 304
01	Body	ASTM A105	ASTM A479 Type 316	ASTM A479 Type 304
04	Body Connector	ASTM A105	ASTM A479 Type 316	ASTM A479 Type 304
05	Stem	ASTM A479 Type 420	ASTM A479 Type 316	ASTM A479 Type 304
06	Gland ring	Carbon Steel	Carbon Steel	Carbon Steel
08	Stop pin	DIN 267 C.8.8	DIN 267 C.8.8	DIN 267 C.8.8
11	Washer	AISI 301	AISI 301	AISI 301
12	Nut	DIN 267 C.8	DIN 267 C.8	DIN 267 C.8
17	Bolt	ASTM A193 Gr.B7	ASTM A193 Gr.B8	ASTM A193 Gr.B8
21	Ball	ASTM A479 Type 316+HTC	ASTM A479 Type 316+HTC	ASTM A479 Type 304+HTC
22	Seat	Ni + G	Ni + G	Ni + G
22.1	Body Seat-holder	ASTM A479 Type 316	ASTM A479 Type 316	ASTM A479 Type 304
22.2	B.C. Seat-holder	ASTM A479 Type 316	ASTM A479 Type 316	ASTM A479 Type 304
22.3	Compression Ring	ASTM A479 Type 316	ASTM A479 Type 316	ASTM A479 Type 304
22.4	Seat Spring	AISI 301	AISI 301	AISI 301
22.5	Seat Seal	Graphoil	Graphoil	Graphoil
24	Body Seal	Graphoil	Graphoil	Graphoil
25	Gland Packing	Graphoil	Graphoil	Graphoil
26	Stem Seal	Graphoil	Graphoil	Graphoil
30	Handle	Carbon Steel	Carbon Steel	Carbon Steel