

Three Way Full / Standard Port Ball Valve



Model: HC-3WM

Rating: 1000 C.W.P.

Design feature:

- Applications for Hydraulic, Chemical, Steam, Oil/ Gas, Oxygen, Vacuum.
- 4- Seat design, 3 way ball valve.
- Integral ISO 5211 mounting pad easy for automation.
- Thrust washer prevents galling, reduces torque and provides secondary stem seal.
- Long cycle life, Low uniform torques.
- Adjustable stem packing gland nut.
- Bottom Entry Blow-Out Proof Stem design Provides Maximum Safety.
- DIN 50049-3.1 Certificate Available

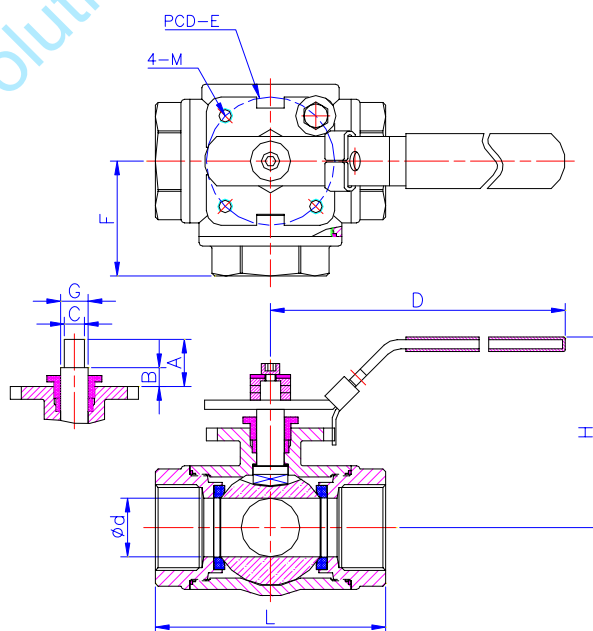
Specifications:

- Flow bore: Full / Standard port
- Rating: 1000 WOG.
- Temperature: -20°F ~ 400°F (PTFE)
- Materials: 1.4408, CF8M
- Size range: 1/4"~2" (DN6~DN50).

Standard:

- Basic Design to ANSI B16.34
- Inspection & testing according to API 598.
- PED 97/23/EC; ISO 9001

PORT TYPE	1	2	3	4
T				
L				

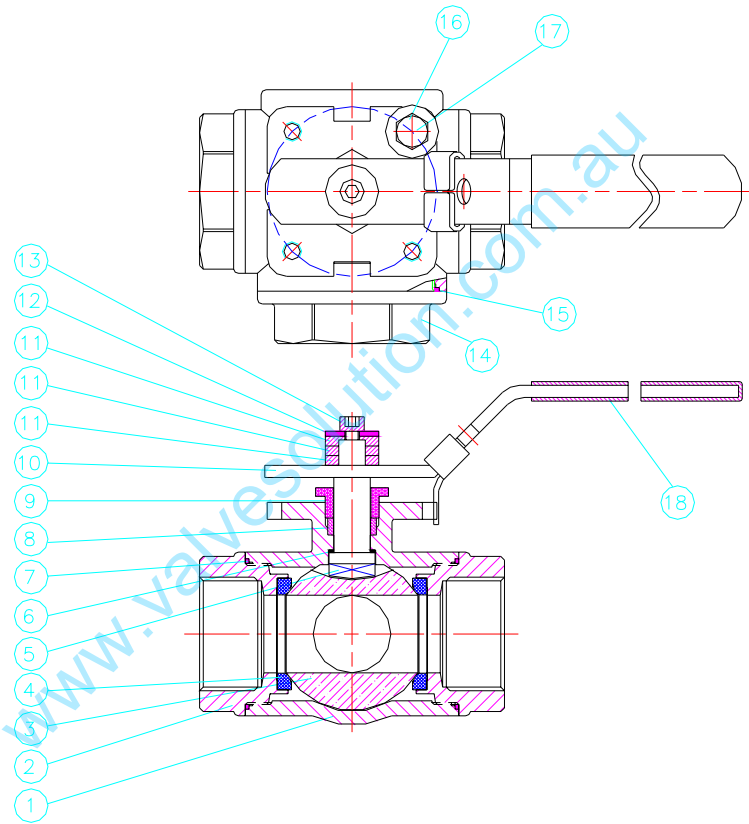


Standard Port Dimensions List

Size	d	L	F	H	A	B	C	G	M	E	Torque (kgf-cm)
1/4	11	69.3	34.7	58	11	6	9	12	M5x0.8	42	33
3/8	11	69.3	34.7	58	11	6	9	12	M5x0.8	42	33
1/2	12.5	75.7	38.3	61	10.35	5.35	9	12	M5x0.8	42	33
3/4	16	86.6	44.7	82	13.85	6.85	11	15	M6x1.0	50	50
1	20	103	50.8	87.5	20	8.5	11	15	M6x1.0	50	90
1-1/4	25	118.2	57.7	93	19.35	7.85	11	15	M6x1.0	50	170
1-1/2	32	125.8	62.6	104	25.75	10.25	11	15	M8x1.25	70	220
2	38	149	74.3	112	25.25	9.75	14	18.5	M8x1.25	70	380

Full Port Dimensions List

Size	d	L	F	H	A	B	C	G	M	E	Torque (kgf-cm)
1/4	11	69.3	34.7	58	11	6	9	12	M5x0.8	42	33
3/8	11	69.3	34.7	58	11	6	9	12	M5x0.8	42	33
1/2	15	86.6	44.7	82	13.85	6.85	11	15	M6x1.0	50	50
3/4	20	103	50.8	87.5	20	8.5	11	15	M6x1.0	50	90
1	25	118.2	57.7	93	19.35	7.85	11	15	M6x1.0	50	170
1-1/4	32	125.8	62.6	104	25.75	10.25	11	15	M8x1.25	70	220
1-1/2	38	149	74.3	112	25.25	9.75	14	18.5	M8x1.25	70	380



MATERIALS LIST:

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	CF8M	11	WASHER	SS304
2	END CAP	CF8M	12	WASHER	SS304
3	SOLID BALL	SS 316	13	STEM BOLT	SS304
4	BALL SEAT	PTFE	14	END CAP	CF8M
5	STEM	SS316	15	BODY SEAL	PTFE
6	THRUST WASHER	PTFE	16	BOLT	SS304
7	BODY SEAL	PTFE	17	STOPPER	SS304
8	STEM PACKING	PTFE	18	HANDLE SLEEVE	VINYL
9	GLAND	SS304	19		
10	HANDLE	SS304	20		