Ball Valves

AD-2000



SANITARY TUBE ENDS BALL VALVE (ISO)

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INNER PARTS PULISHED
KTN, Modentic
Range: DN15-100 (1/2″-4″)
TEMPERATURE RANGE: 70 to 356° F / 57 to 180°C
PRESSURE RATING: 1000 PSI / PN63 for 1/2"~2" / 720 PSI / PN40 for 2-1/2"~4"



Description

ISO 5211 DIRECT MOUNTING PAD

ISO 5211 integral mounting pad allows for direct actuator mounting. The mounting flange always follow ISO 5211 standard design and could be perfectly match with most actuators in the worldwide. Stable torque of valve always lead to the effective cost saving.

MD-928EB(DIN)

TEMPERATURE RANGE	*PRESSURE RATING*
-70 to 475° F • -57 to 246°C	1000 PSI / PN63 for 1/2"~2"
	720 PSI / PN40 for 2-1/2"~4"

CF3M MATERIAL: CF3M with Ferrite content less than 3% ; Sulfur contant 0.005~0.017% upon request.

INTERIOR FINISH

- **Electro-Polishing : SFV4 Ra 10 u-in (0.25um)**
- **Mechanical Polishing : SFV1 Ra 15u-in (0.375um)**

Tube End:

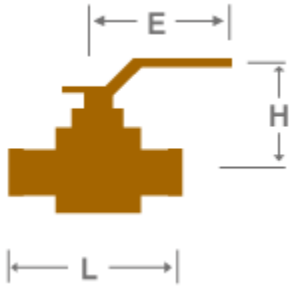
- **ASME BPE compliant extended tube so that welding can be performed without valve disassembled, tangent lengths furnished to standard ASME/BPE table DT-4.0**

- **Sulfur content on tube ends 0.005%~0.017 wt. % to ensure consistent weld ability. Chemical composition for automatic weld end furnished to ASME/BPE-part DT-3.**

Technical details

MODEL	**MD-928EB(ISO)**
PRODUCT TYPE	**Three Pieces High Purity Ball Valves**
OPERATION	**Handle**
PRESSURE	**1000 PSI / 720 PSI**
CONNECTION	**Tube End**
PORT	**Tube Bore**
MOUNTING Mounting Flange	**ISO 5211 Direct Mounting Flange**
BODY Material	**ASTM A351 Gr.CF3M**
CAP / BONNET Material	ASTM A351 Gr.CF3M
STEM Material	**SS316L**
BALL Material	ASTM A351 Gr.CF3M
SEAT Material	**TFM1600**
CHOICE OF SEATS Material	**PTFE, RTFE (PTFE with 15% G.F.)** **Carbon filled PTFE, Carbon filled PEEK** **PEEK, PCTFE** **PTFE with 50% SS316, TFM**
BODY SEAL Material	**-**
THRUST WASHER Material	**TFM1600**
STEM PACKING Material	**TFM1600**

DIMENSION



SIZE NPS	E mm	H mm	L mm	WEIGHT kgs	SIZE Inch	E Inch	H Inch	L Inch	WEIGHT lbs
DN15	112.0	76.5	88.9	0.80	1/2"	4.4	3.0	3.5	1.8
DN20	112.0	80.5	101.4	1.00	3/4"	4.4	3.2	4.0	2.2
DN25	133.5	93.2	120.0	1.40	1"	5.3	3.7	4.7	3.1
DN40	202.0	115.2	139.8	3.20	1-1/2"	8.0	4.5	5.5	7.1
DN50	202.0	123.7	158.9	4.60	2"	8.0	4.9	6.3	10.2
DN65	363.5	363.5	171.6	9.50	2-1/2"	14.3	14.3	6.8	21.0
DN80	363.5	363.5	228.6	13.50	3"	14.3	14.3	9.0	29.8
DN100	363.5	399.0	254.1	23.70	4"	14.3	15.7	10.0	52.3