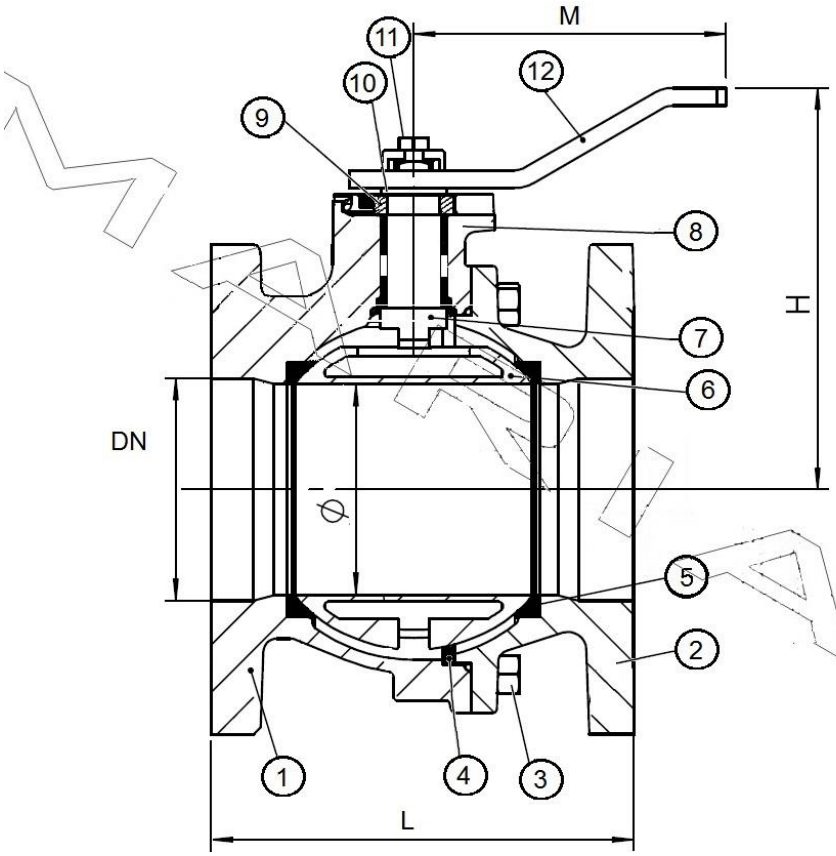
Mariani *- fluid control -* 477

VALVOLA A SFERA - SPLIT BODY – PASSAGGIO TOTALE – NI/AL BRONZE - ANSI 150

BALL VALVE – SPLIT BODY – FULL BORE –NI/AL BRONZE – ANSI 150

WORKING PRESSURES
W.O.G. NON SHOCK
350 p.s.i.



CONFORM TO: API STD 6FA / ISO 17292
FIRE SAFE DESIGN API 607 / BS 6755
LENGTH ANSI B16.10 (series 3)Short Pattern
MSS SP-72

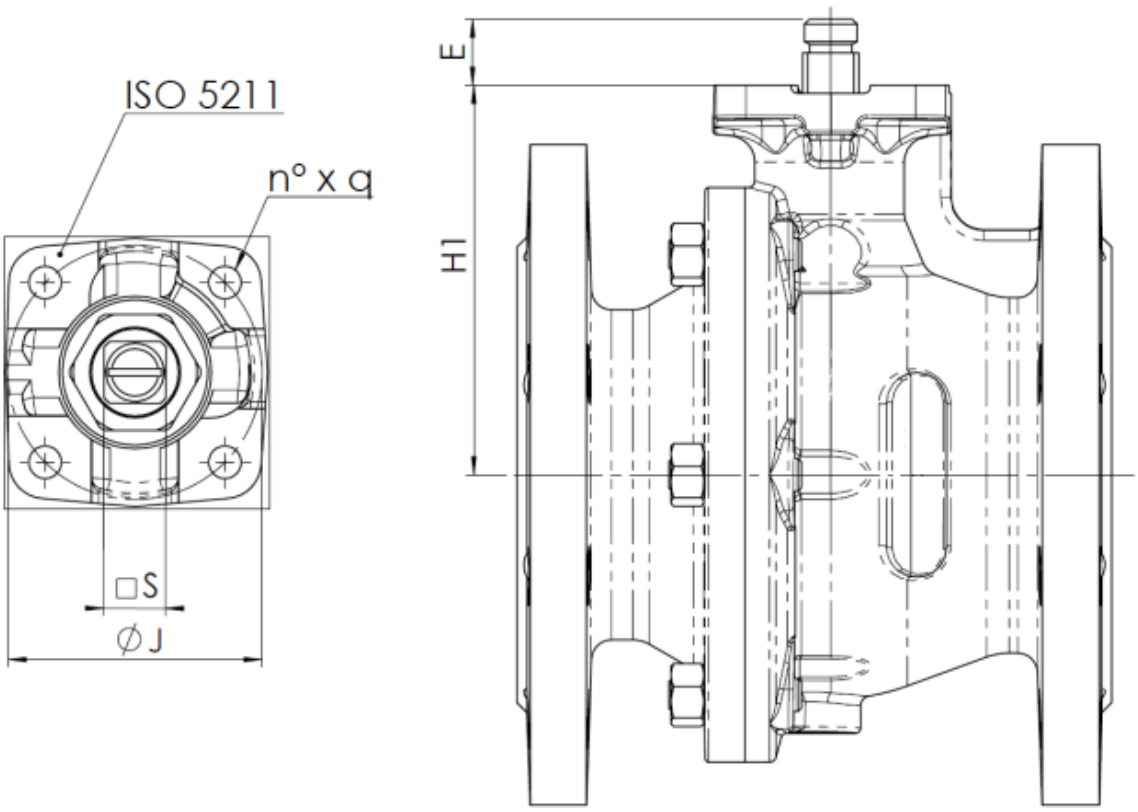
OPTIONAL FEATURES: 1)LOCKING DEVICE
2) EXTENDED WRENCH
3) MOUNTING PLATE DIN/ISO 5211
4) GEAR MANUAL OPERATOR

	DESCRIZIONE	DESCRIPTION	BZ	AL / BZ	AL /BZ MONEL
1	CORPO	BODY	ASTM B62 C83600	ASTM B148 C95800	ASTM B148 C95800
2	FLANGIA	FLANGE	ASTM B62 C83600	ASTM B148 C95800	ASTM B148 C95800
3	VITE	SCREW	ASTM A479-316 (A4)	ASTM A479-316 (A4)	ASTM A479-316 (A4)
4	GUARNIZIONE	BODY SEAL	VITON	VITON	VITON
5	SEGGIO	SEAT	P.T.F.E.	P.T.F.E.	P.T.F.E.
6	SFERA	BALL	ASTM B148 C95800	ASTM B148 C95800	MONEL
7	ASTA	STEM	ASTM B150 C63000	ASTM B150 C63000	MONEL
8	SEDE ASTA	STEM SEAT	VITON	VITON	VITON
9	PREMISTOPPA	THRUST WASHER	ASTM B148 C95800	ASTM B148 C95800	ASTM B148 C95800
10	PIASTRINA FERMO	STOP PLATE	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
11	BULLONE	BOLT	ASTM A479-316 (A4)	ASTM A479-316 (A4)	ASTM A479-316 (A4)
12	LEVA	LEVER	ASTM A105 Epoxy	ASTM A182 F316	ASTM A182 F316

FLANGED ENDS: ANSI B16.5 (ANSI B16.24 THICKNESS) 150 FF/RF

SIZE	1/2''	3/4''	1''	1''1/2	2''	3''	4''	6''	8''
DN	**15**	**20**	**25**	**40**	**50**	**80**	**100**	**150**	**200**
ϕ	15	20	25	39	50	76	94	144	190
L	108	117	127	165	178	203	229	267	292
M	165	165	172	234	234	284	360	560	1000
H	85	85	97	125	136	166	180	242	320
Kg	2.5	2.8	4	7.5	11	16	20	40	93

ISO TOP WORK



Dimensioni attacco ISO / *Topwork dimension (mm)*												
DN	**15**	**20**	**25**	**32**	**40**	**50**	**65**	**80**	**100**	**125**	**150**	**200**
H1	50.5	52	59	64	78.5	87	95	118	132.5	165	182.5	230
E	11.5	11.5	14.5	14.5	17.5	17.5	17.5	20	20	24.5	24.5	30
ISO 5211	F04	F04	F04	F04	F05	F05	F05	F07	F07	F10	F10	F12
S	9	9	11	11	14	14	14	17	17	22	22	27
J	42	42	42	42	50	50	50	70	70	102	102	125
N x q	4 x 6	4 x 6	4 x 6	4 x 6	4 x 7	4 x 7	4 x 7	4 x 9	4 x 9	4 x 11	4 x 11	4 x 13
Momento torcente / *Operating torque* DP= 16 bar												
Nm	15	15	18	18	18	20	40	70	100	180	250	600

Per la corretta scelta del servo comando si consiglia di moltiplicare il momento torcente per il fattore di sicurezza **K= 1,5**

For the choice of the right actuator we recommend to multiply the operating torque by the safety factor ***K=1,5***

Dimensioni in mm / *Dimension in mm*