



Series 4480 & 4481

Zetco WaterMarked
2-Piece
Stainless Steel
Flanged Ball Valve

FEATURES

MANUFACTURED IN CHINA
STAINLESS STEEL 316
WATERMARKED TO AS 5830.1 LICENCE WM-022438
INVESTMENT CASTING
ISO MOUNTING PAD WITH LOCKABLE HANDLE
FULL BORE
BLOW-OUT PROOF STEM
DESIGNED TO ANSI B16.34
FACE TO FACE DIMENSIONS ANSI B16.10
END FLANGE DIMENSIONS ANSI B16.5 150 OR AS 2129 TABLE E
ALL VALVES PRESSURE TESTED TO API 598 DURING PRODUCTION
MUST BE OPERATED IN FULLY OPEN OR CLOSED POSITION
SIZE RANGE: 25MM TO 100MM

PRESSURE AND TEMPERATURE RATINGS

MAXIMUM OPERATING TEMPERATURE: -20° TO 150°
MAXIMUM OPERATING PRESSURES AT NOMINAL TEMPERATURES: 2000kPa
FOR RATINGS AT SPECIFIC TEMPERATURES REFER TO GRAPH OVERLEAF



WaterMark

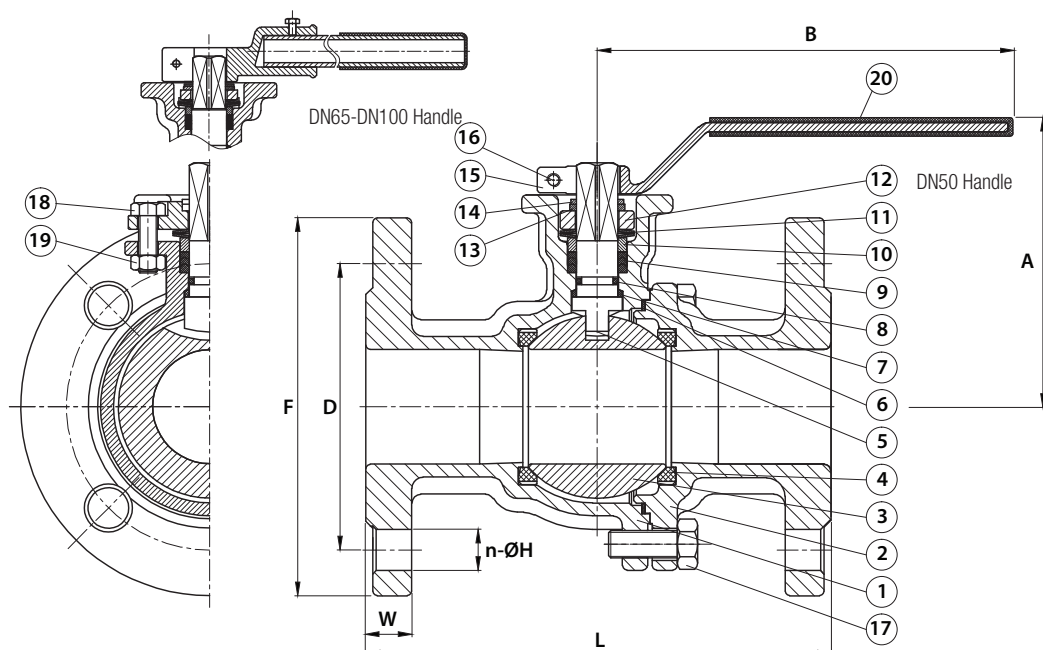
IAPMO WM-022438
AS 5830.1

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DIMENSIONAL AND COMPONENT DIAGRAM



MATERIALS

POS.	PART NAME	MATERIALS
1	BODY	STAINLESS STEEL 316
2	CAP	STAINLESS STEEL 316
3	BALL	STAINLESS STEEL 316
4	SEAT	PTFE
5	STEM	STAINLESS STEEL 316
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	O-RING	VITON®
9	PACKING	PTFE
10	GLAND	STAINLESS STEEL 304
11	BELLEVILLE WASHER	STAINLESS STEEL 304
12	GLAND FLANGE	STAINLESS STEEL 316
13	STOPPER	STAINLESS STEEL 304
14	SNAP RING	STAINLESS STEEL 304
15	HANDLE	STAINLESS STEEL 304
16	BOLT	STAINLESS STEEL 304
17	BOLT	STAINLESS STEEL 304
18	BOLT	STAINLESS STEEL 304
19	NUT	STAINLESS STEEL 304
20	HANDLE COVER	PLASTIC

DIMENSIONS - mm

Table E	Size	A	B	F	D	W	L	n - ØH	Kv	Wgt kg
4480025	25	101	153	115	83	10	127	4 - 14	94	2.80
4480032	32	108	153	120	87	13	140	4 - 14	120	3.90
4480040	40	121	185	135	98	13	165	4 - 14	260	5.05
4480050	50	127	185	150	114	14	178	4 - 18	480	7.15
4480065	65	154	360	165	127	14	190	4 - 18	750	13.91
4480080	80	165	360	185	146	14	203	4 - 18	1300	15.90
4480100	100	183	400	215	178	17	229	8 - 18	2300	26.40
ANSI 150	Size	A	B	F	D	W	L	n - ØH	Kv	Wgt kg
4481025	25	101	153	108	79.5	11	127	4 - 16	94	2.80
4481032	32	108	153	117	89.0	13	140	4 - 16	120	3.90
4481040	40	121	185	127	98.5	14	165	4 - 16	260	5.05
4481050	50	127	185	152	120.5	16	178	4 - 19	480	7.15
4481065	65	154	360	178	139.5	18	190	4 - 19	750	13.91
4481080	80	165	360	190	152.5	19	203	4 - 19	1300	15.90
4481100	100	183	400	229	190.5	24	229	8 - 19	2300	26.40

PRESSURE/TEMPERATURE DIAGRAM

