



Stainless steel ball valve RX® fig. 3188
three-piece, full bore, handle operated

fig. 3188IIT: stainless steel

fig. 3188AIT: steel

hand-operated three-piece stainless steel and steel ball valves with full bore and female connection or welded connection

Material body and connecting pieces

: - fig. 3188IIT: stainless steel, GX5CrNiMo19-11-2 (1.4408)
- fig. 3188AIT: steel, GP240GH (1.0619)

Ball

: stainless steel, GX5CrNiMo19-11-2 (1.4408)

Spindle

: stainless steel, X5CrNiMo17-12-2 (1.4401)

Spindle nut

: stainless steel, X5CrNi18-10 (1.4301)

Gland

: stainless steel, X5CrNi18-10 (1.4301)

Bolts/nuts/circlips

: stainless steel, X5CrNi18-10 (1.4301)

Seats

: 15% RPTFE (glass fibre reinforced PTFE)

Material spindle gaskets

: 15% RPTFE (glass fibre reinforced PTFE)

Body seal

: PTFE

Material handwheel

: stainless steel, X5CrNi18-10 (1.4301), with plastic cover

Connection

: both sides;
- BSP female connection as per BS 21
- NPT female connection as per ANSI B2.1
- sleeve weld
- butt weld

Construction

: three-piece cast body with full bore

Operating pressure/temp

: see pressure/temperature diagram
- fig. 3188IIT, min. temp. -30 °C
- fig. 3188AIT, min. temp. 0 °C

ATEX 94/9/EC

: EEx II 2 GDcX

Other characteristics

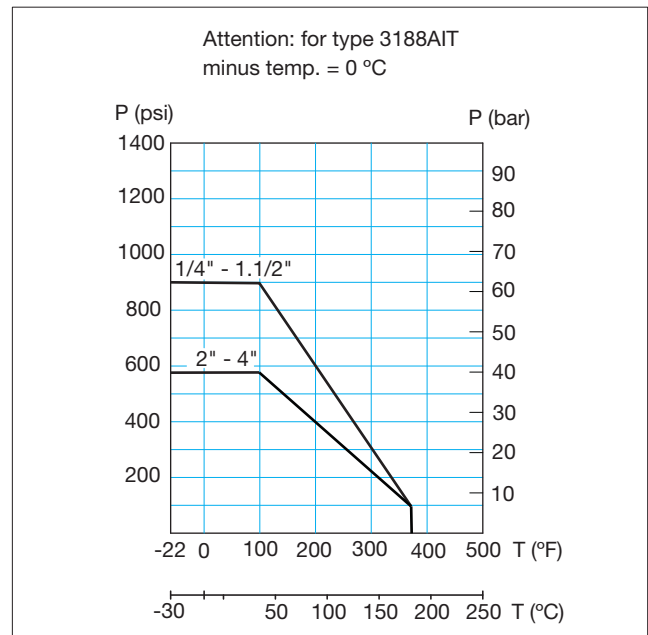
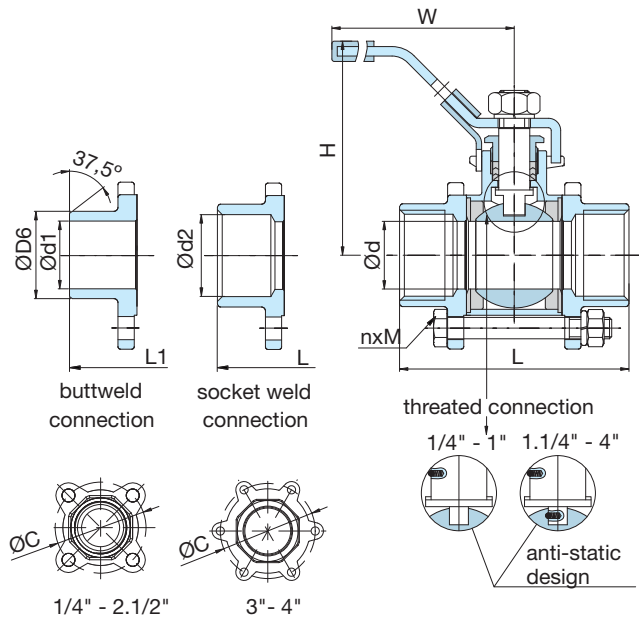
: - "blow-out proof" spindle design
- antistatic
- handle locking (padlock not provided)

All ball valves in accordance with PED 97/23/EC

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Tabel 1: Dimensions fig. 3188

BSP/ NPT		1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
Ød (wire and sleeve weld)	mm	11.6	12.7	15	20	25	32	38	50	65	80	100
L (wire and sleeve weld)	mm	58	58	63	73	85	96	114	134	180	200	228
Ød2 (sleeve weld)	mm	14.1	17.6	21.7	27.1	33.8	42.6	48.7	61.1	76.9	89.8	115.5
Ød1 (butt weld)	mm	10	12.5	16	20	25	33.8	39.5	50.8	62.7	77.9	100
ØD6 (butt weld)	mm	17	17	21.3	26.7	33.6	42.4	48	60.5	76.1	88.9	114.2
L1 (butt weld)	mm	70	70	75	90	100	110	125	150	190	220	270
ØC	mm	37.5	37.5	45.5	52.5	57.5	71.5	79	97	124.5	149	180.6
n x M		4-M6	4-M6	4-5/16"	4-5/16"	4-5/16"	4-3/8"	4-3/8"	4-3/8"	4-1/2"	6-1/2"	6-5/8"
H	mm	52	54	62	66	77	80	91	98	138	149	175
W	mm	102	102	123	123	153	153	183	183	246	246	246
torque	Nm	4	4	7	9	12	15	20	30	42	65	85
K _{vs} * m ³ /h		6	7	9	22	30	40	69	95	267	310	707

* the coefficient of flow K_{vs} for a valve is the flow of water in m³/h measured at 4°C (Density = 1,000 kg/m³) which for a pressure loss of 1 bar passes through the valve considered as entirely open

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weight	kg	0.32	0.35	0.46	0.57	0.82	1.27	2.05	3.03	6.98	11.03	19.40

* the coefficient of flow K_{vs} for a valve is the flow of water in m^3/h measured at $4^\circ C$ (Density = $1,000 \text{ kg/m}^3$) which for a pressure loss of 1 bar passes through the valve considered as entirely open