



The Perolo ND100 ATCO™ FULL BORE self-contained ball valve is designed to be used as a fluid inlet/outlet valve.

**SPECIFICATION**

Nominal diameter	100mm (4")
Weight	33.0 Kg
Inlet flange drilling	8 holes x Ø18 x 180 PCD*
Outlet flange drilling	8 holes x M16 x 180 PCD (for studs only)*
Working Pressure	16 Bar (4 Bar for HT version)
Test Pressure	24 Bar (6 Bar for HT version)
Working Temperature	STD:-40°C to +150°C/HT:-40°C to +200°C

NB: temperature range vary according to o'ring material

**CONFORMITY, CERTIFICATION & APPROVAL**

Complies with ADR / IMDG / RID / EN14432  
 Approved by Bureau Veritas, A-C-I

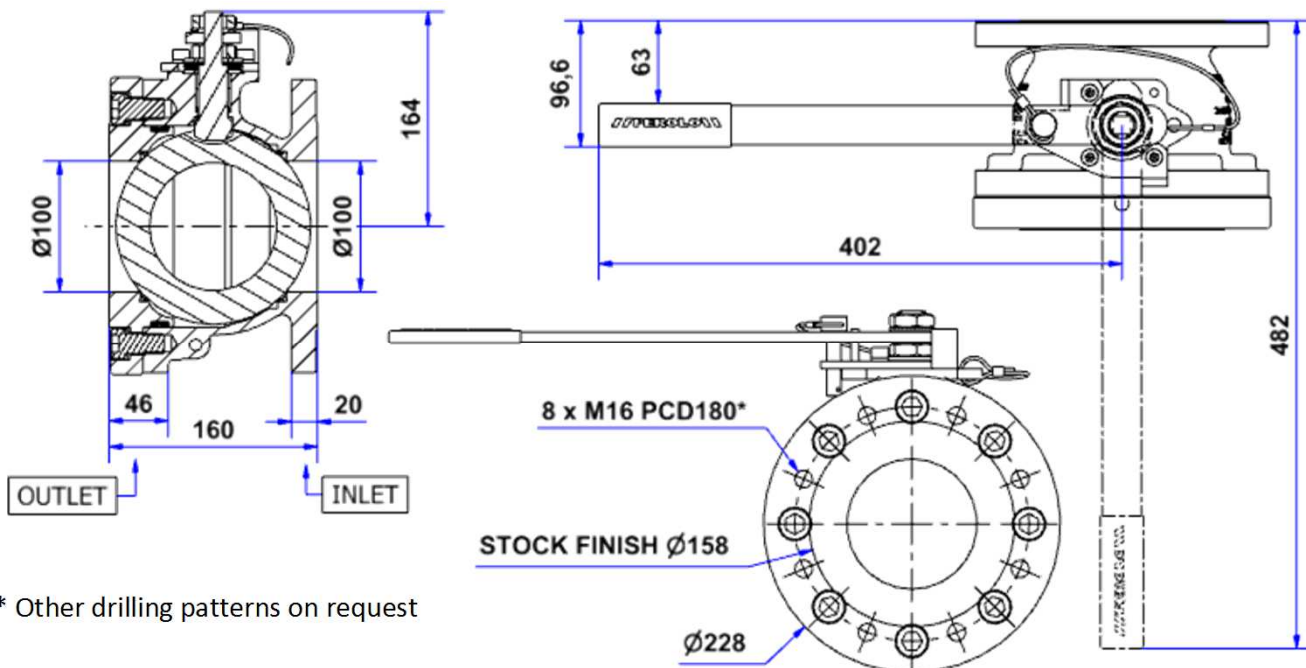
**ACCESSORIES**

Recess flange	On request
Blind flange	11 95 37 00 00
Bolting kit St. Steel	17 12 10 96 00
Gaskets PTFE	11 15 26 00 01
Outlet bolt. kit Carbon st.	19 14 01 91 00
Gaskets TOPCHEM	19 90 05 30 01

**STANDARD FEATURES (See Codification for option)**

Made of (material)	316L / 1.4409 stainless steel
Compact design	Face to face 160 mm
Operation	Handle 1/4 Turn
Ball gaskets material	PTFE

**DIMENSIONAL DRAWING**



\* Other drilling patterns on request

CODIFICATION

STANDARD PART NUMBER

AF10 X 16T 1 1 0 0

YOUR PART NUMBER

AF10 0

BODY MATERIAL

316L / 1.4409 stainless steel	X
Carbon steel / GP240GH	C
Body 316 / Ring clamp P235	B

SEAL MATERIAL & MAWP

Standard PTFE: 150°C, 16b MAWP	16T
High temp: WT 200°C, 4b MAWP	4H

INLET FLANGE

8 x M16 x 180 PCD (ISO PN16 ND100)	1
8 x 18 x 180 PCD (ISO PN16 ND100)	2
8 x Ø19 x 190.5 PCD (ANSI B16.5 S150)	3

OUTLET FLANGE

8 x M16 x 180 PCD (ISO PN16 ND100)	1
8 x M16 x 190.5 PCD (ANSI B16.5 S150)	2

BALL TYPE

Solid ball	0
Hollow ball	1

HALAR COATING

Without	0
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