



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	27 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	Standard: -40°C to +150°C HT & Steam heated: -40°C to +250°C

NB: temperature range vary according to o'ring material

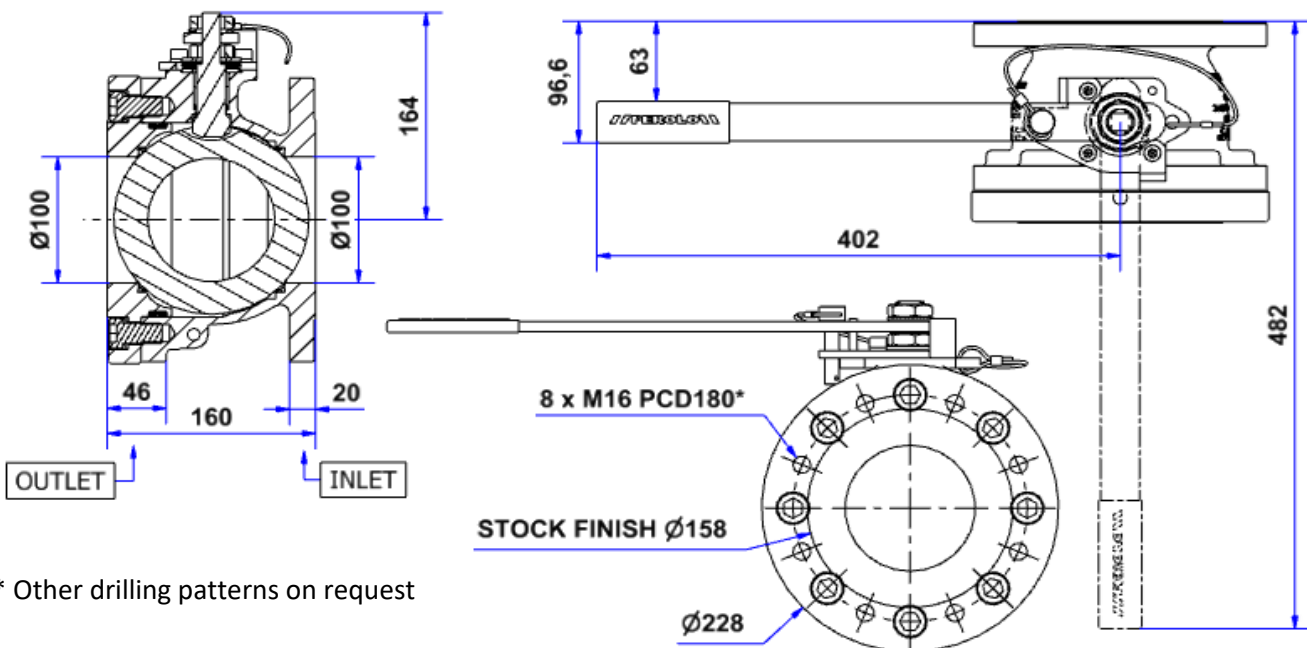
CONFORMITY, CERTIFICATION & APPROVAL	
Complies with ADR / IMDG / RID / EN14432	
Approved by Bureau Veritas, A-C-I	

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 - other on request
Compact design	Face to face 160 mm
Operation	Handle 1/4 Turn*
Ball gaskets material	PTFE

*anti-clockwise opening for standard

DIMENSIONAL DRAWING



* Other drilling patterns on request



CODIFICATION

STANDARD PART NUMBER

AF10 X 16T 1 1 0 0 .

YOUR PART NUMBER

AF10

BODY MATERIAL

Body: 316L/1.4409 stainless steel Ball: 316L stainless steel Ring clamp: 316 stainless steel	X
Body: GP240GH carbon steel Ball: 304L stainless steel Ring clamp: P235GH carbon steel	C
Body: 316L/1.4409 stainless steel Ball: 304L stainless steel Ring clamp: P235GH carbon steel	B
Body: 304/1.4308 stainless steel Ball: 304L stainless steel Ring clamp: 304 stainless steel	Y

SEAL MATERIAL & MAWP

Standard PTFE: 150°C, 16b MAWP	16T
High temp: WT 250°C, 4b MAWP	4H

INLET FLANGE

8 x M16 x 180 PCD (ISO PN16 ND100)	1
8 x Ø18 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 - other on request

Solid ball	0
------------	---

HANDLE TYPE

Standard right handle	0
Left handle	L

STEAM HEATING

Without	.
With	V

