



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	CS: -20°C/+150°C SS: -40°C/+150°C HT & Steam heated: -40°C to +250°C

NB: temperature range vary according to o'ring material

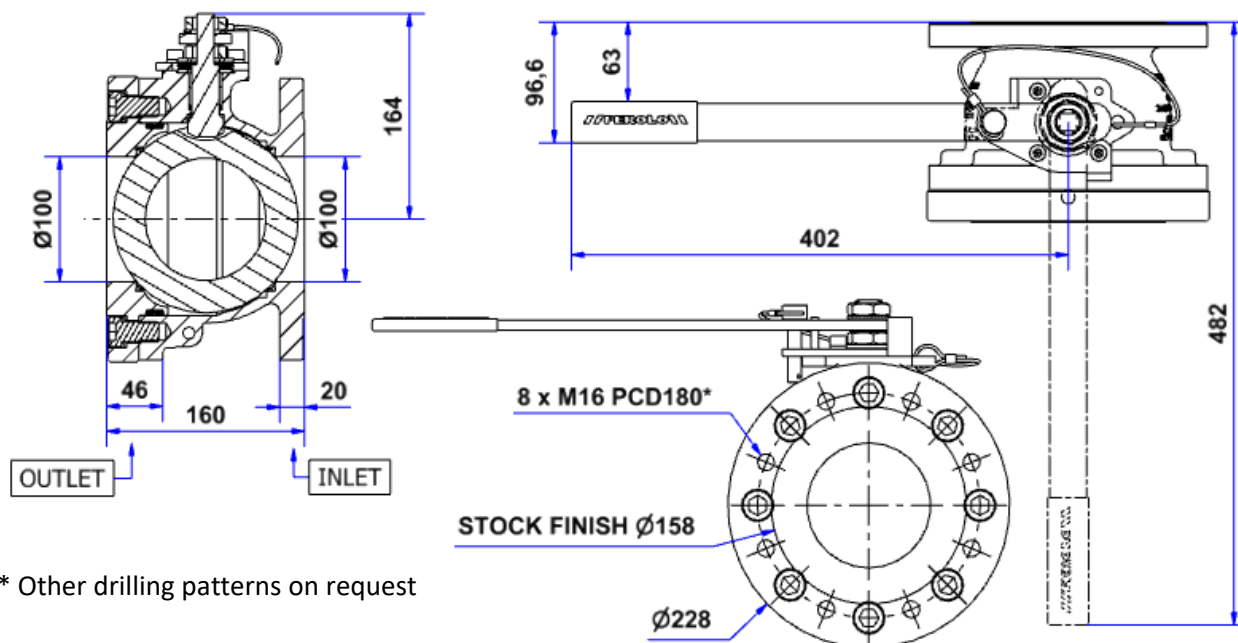
CONFORMITY, CERTIFICATION & APPROVAL
Complies with ADR / IMDG / RID / EN14432
Approved by Bureau Veritas, A-C-I

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)	1.4409 SS / GP240GH- 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



BALL VALVE

Due to our policy of continuous product improvement, specifications may change without notice - Specification sheet PWA 11 14 21 20 00 K

Perolo warranty is null and void in case of fitting non OEMparts

It is the customer's responsibility to check the compatibility between valves material and transported product.

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