SINCE 1919

PEROLO™

QUALITY BUILT TO LAST

3" ATCO BALL VALVE

HIGH CORROSION ND80 Ball Valve

AFN8X

ISO

ROAD

IBC

The Perolo ND80 ATCO™ FULL BORE self-contained ball valve is designed to be used as a fluid inlet/outlet valve.This product is composed with HALAR & PTFE/PFA coated body and Hastelloy bal, or Ceramic Ball

Caution: Please check the cargo compatibility with proposed materials

SPECIFICATION	
Nominal diameter	80mm (3")
Weight	12.5 Kg
Inlet flange drilling	8 holes x Ø17 on a 160 PCD*
Outlet flange drilling	8 holes x Ø18 on a 160 PCD*
Working Pressure	16 bar
Test Pressure	24 Bar
Working Temperature	-40° to +150°C
Design Temperature	-40° to +190°C

NB: temperature range vary according to o'ring material & ball material

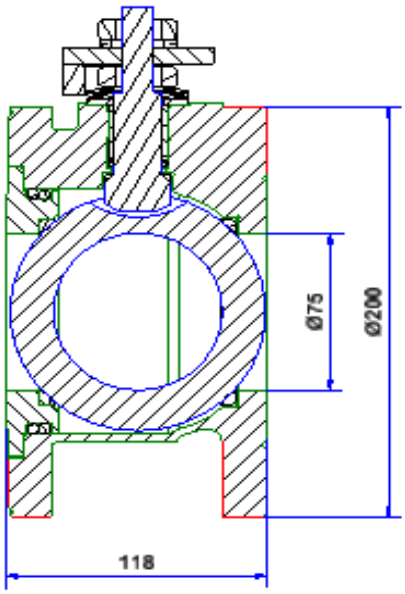
ACCESSORIES	
Recess flange	11 90 98 00 00
Blind flange	11 95 90 00 00
Bolting Kit	on request
Gaskets	12 91 40 00 00
Tools kit	11 12 71 96 00
Remote Control	on request
Screw kit	on request

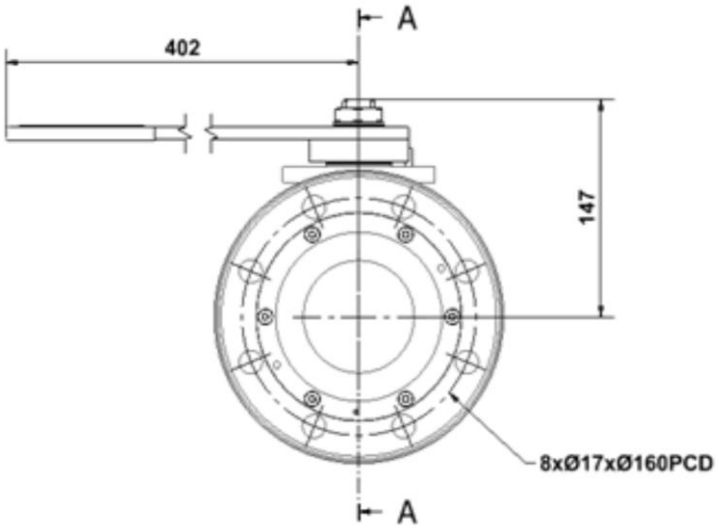
CONFORMITY & CERTIFICATION	
ADR / IMDG / RID / EN14432	
Bureau Veritas, RMR, A-C-I	
STANDARD FEATURES (See Codification for option)	
Body: 316/1.4408 & HALAR and PTFE coated Ball: Hastelloy C276, Ceramic	
Compact design	Face to face 115 mm
Operation	Handle - 1/4 turn or Remote Control*
Ball seals material	PTFE

*other drilling on request

*clockwise opening for standard

DIMENSIONAL DRAWING





High corrosion material, please see p2 for ball & spindle options

PFA or PTFE coating

HALAR coating thickness 500µ

BALL VALVE

Due to our policy of continuous product improvement, specifications may change without notice - Specification sheet PWA 11 14 05 20 00 F
Perolo warranty is null and void in case of fitting non OEMparts
It is the customer's responsability to check the compatibility between valves material and transported product.
PEROLO SAS, 69 Rue des Maçons, 33390 Blaye, FRANCE -Phone : + 33 (0)5 5742 67 00 - Email : sales@perolo.com

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CODIFICATION

STANDARD PART NUMBER	AFN8	X	16T	2	4	S	0	0	R	.

YOUR PART NUMBER	AFN8							0		

BODY MATERIAL other on request	
316 / 1.4408 stainless steel	X

SEAL MATERIAL & MAWP	
PTFE seal & 16 Bar	16T

INLET FLANGE DRILLING other on request	
6 x Ø14 x 168.3 PCD	1
8 x Ø17 x 160 PCD	2
4 x Ø17 x 160 PCD	3
8 slots x Ø18 x 160 to 168 PCD	4
4 x Ø17 x 160 PCD & 6 x Ø14 x 168 PCD	5

OUTLET FLANGE DRILLING others on request	
4 open slots x Ø18 x min 146.1 PCD	1
8 x Ø18 x 160 PCD (ISO PN16)	2
8 slots x Ø18 x 152.4 to 160 PCD	3
4 x M16 & 4 x Ø18 x 160 PCD	4
4 slots x Ø18 x 146 to 160 PCD	5
4 x M16 & 4 x Ø18 x 160 PCD shifted 22°30'	6
4 xØ19x152,4 PCD + 8xØ18 x 160 PCD	7
8 x M16 x 160 PCD	8
4 open slots x Ø18 x 146 (with cut side)	9

SEALING	
Sealing	S
Sealing & pin	N

PIN BRACKET ON OUTLET FLANGE	
with	P
without	0

STEAM HEATING	
without	0

HIGH CORROSION - Body Halar/PFA/PTFE coated	
Hastelloy C276 solid ball & spindle	R
Hastelloy C22 solid ball & spindle	Z
Ceramic ball & Hastelloy C276 spindle	C

HANDLE other on request	
standard	.
left	L

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