

ND32 ATCO™ Airline Flanged Ball Valve - AF3X

INSTALLATION

Assembly

To install the ND32 ATCO™, the tank pad must be machined with spiral groove (serrated surface).

1. Make sure there is no dirt or grit on the tank pad and gasket.
 2. Install the valve on the tank pad with handle in closed position.
 3. Install the 4 screws and washers.
- Tightening torque required : 3 daN.m
4. Open and close the valve 3 times before operating to mark the PTFE seals.
 5. Fit the gasket between the 1 ½" Flanged ATCO™ and the blind flange.
 6. Secure with the M16 screws, washers and nuts.



Item	Description	Specification	Part n°
1	Weld-in flange	int ø 32 mm, ext ø 127 mm thickness 22mm 4xM10x103.5PCD 316L stainless steel	11 90 20 00 00
	Recess flange	int ø 32 mm, ext ø 166 mm 4xM10x 103.5PCD - 316 L st. st. min thickness 23.5mm, max thickness 46mm	11 91 12 00 00
2	ND32 ATCO ball valve	ND32 Flanged Ball valve inlet drilling 4xø11x103.5PCD	AF3X7T25S22
3	Screw kit	4 x M10 -25 screws, 4 x grower washers	12 91 99 00 00
4	Seal	Seal, flat, round, CNAF/PTFE, internal diameter 45mm, external diameter 150mm, 4 slots x 19 x min. 101.4 PCD	12 91 90 00 00
5	Blind flange	ext ø 150 mm - 4x18x110 PCD thickness 13.5 mm 316L stainless steel	11 95 87 00 00
6	Screw kit	4xM16-40 screws, 4 x lock washers, 4xM16 nuts	12 91 61 92 00
	Pressure gauge	0-6 bar - bottom entry 1/4" BSP stainless steel	Full 70 18 06 00 95
	Pressure gauge	0-6 bar - bottom entry 1/4" BSP case, brass internals & connection	St. st. 70 21 02 00 22

