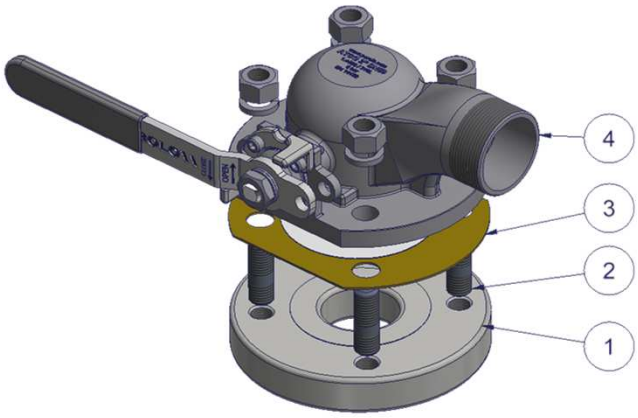
2" ATCO 90° ALN5X or AKN5X
ND50 BALL VALVE
ALN5X or AKN5X

INSTALLATION

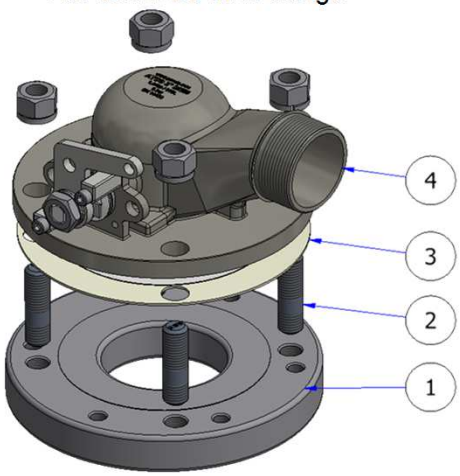
To use the ND50 ATCO™ full bore as an air inlet/outlet:

1. Ensure that the Inlet (tank side) flange is clean; free from dirt and grit.
2. Screw the studs into the weld in flange (1).
3. Place the gasket (2) in the middle of the studs (3).
4. Fit ball valve on the weld in flange and secure with washers and nuts.
   The required tightening torque is 50 N.m +/-5. Please check PWAGEN001 for more details.

ALN5: ND50 inlet flange



AKN5: ND80 inlet flange



ITEM	DESCRIPTION	SPECIFICATION ALN5	PART N°
4	ND50 ATCO Ball Valve	PN 16 Full Bore, 316 L stainless steel Inlet flange 4xø17x125PCD, Outlet flange 2" BSP	ALN5X6T11M
3	Bolting Kit	4 x M16 40/30 studs 4 x M16 nuts and 4 x grower washers	11 12 82 93 00
2	Gasket	ext ø 165mm, int ø 50mm 4xø18x 125PCD, CNAF/PTFE, thickness 2mm	11 90 29 00 00
1	Weld-in flange	ext ø 165mm, int ø 50mm, thickness 26,5mm 4xM16x125PCD, 316L stainless steel	11 90 25 00 00

ITEM	DESCRIPTION	SPECIFICATION AKN5	PART N°
4	ND50 ATCO Ball Valve	PN 16 Full Bore, 316 L stainless steel Inlet flange 4xø18x160PCD, Outlet flange 2" BSP	AKN5X6T11W
3	Bolting Kit	4 x M16 40/30 studs 4 x M16 nuts and 4 x grower washers	11 12 82 93 00
2	Gasket	ext ø 185mm, int ø 94mm 4xø18x 160PCD, CNAF/PTFE, thickness 2,5mm	12 91 40 00 00
1	Weld-in flange	ext ø 200mm, int ø 94mm, thickness 27mm, 316L st. st. 6x M12 x PCD Ø168 & 4 x M16 x PCD Ø160	11 90 36 00 00

if a piping system linked to the tank is installed on the process side of the valve, we recommend to have a flexible hose in-between the valve and the piping system to avoid any additional stress on the fastening studs

BALL VALVE

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