FLUIDCO
HYDRAULIC SYSTEMS
Make it Happen!

ODF Bent Axis Piston Pumps



BENT AXIS PISTON PUMPS



Fluidco Part nr	Part No	Pump Type	Displacement 100 Rpm	Max. Continuous Speed (min -1)	Min Intermittent Speed (min -1)	Max. Continuous Pressure (BAR)	Max Peak Pressure (Bar)	Weight Kg
PTO-P18-B4	2PBA18	18CC	18.00	2300	2900	350	400	9.40
PTO-P40-B4	2PBA40	40CC	40.20	1900	2500	350	400	10.90

BENT AXIS PISTON PUMPS BI-DIRECTIONAL

Fluidco Part Nr	Part Number	Displacement CM3/RPM	Max. Continuous Speed (min -1)	Max. Continuous Pressure (BAR)	Inlet Port BSP	Outlet Port BSP
PTO-P18-B4-BI	KFA2-18	18CC	2300	380	3/4"	3/4"
PTO-P25-B4-BI	KFA2-25	25CC	2300	380	3/4"	3/4"
PTO-P40-B4-BI	KFA2-40	40CC	1900	380	3/4"	3/4"
PTO-P55-B4-BI	KFA2-55	55CC	1900	380	3/4"	3/4"
PTO-P65-B4-BI	KFA2-63	63CC	1900	380	3/4"	3/4"
PTO-P85-B4-BI	KFA2-80	80CC	1500	350	1"	1"
PTO-P108-B4-BI	KFA2-108	108CC	1500	350	1"	1"
PTO-P130-B4-BI	KFA2-130	130CC	1200	350	1"	1"

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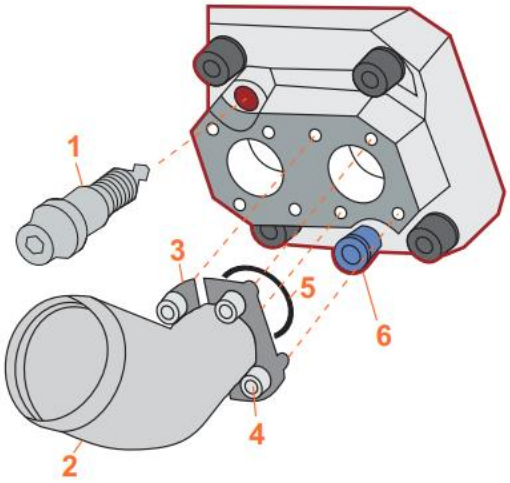
Only relevant on 2PBA – ODF Bent Axis Piston Pumps

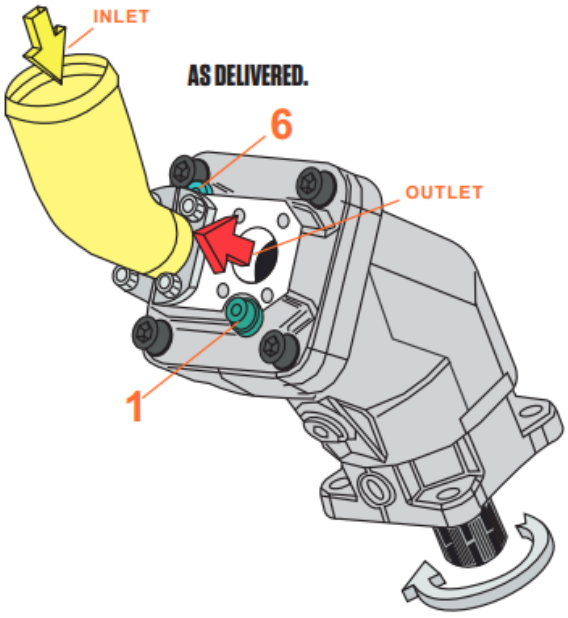
HOW TO CHANGE THE DIRECTION OF ROTATION OF THE PUMP

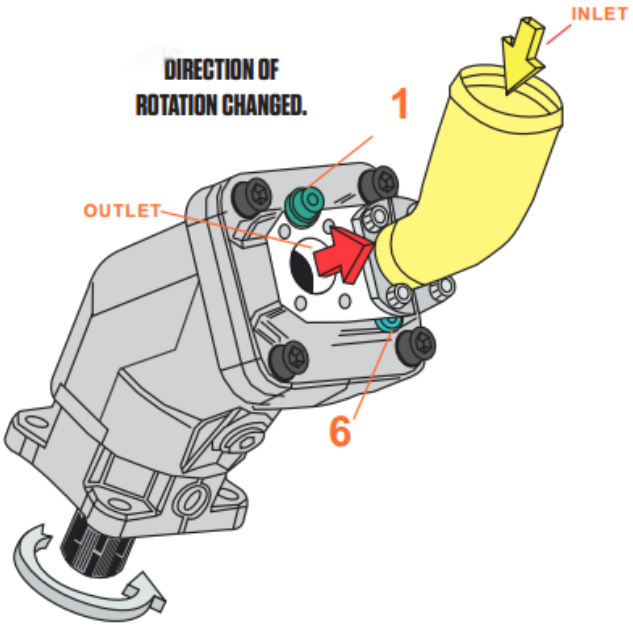
To check in which direction the pump should rotate on your installation:
- Check the direction of rotation of the PTO;
- If the PTO turns clockwise, the pump must rotate counter-clockwise, and vice versa.

To change the direction of rotation of your 2PBA pump:
- Remove the inlet fitting (2) and the 2 parts of the split flange (3).
- Remove the rotation setting screw (1).
- Remove the plug (6).
- Put the rotation setting screw (1) where the plug (6) was, and the plug (6) where the rotation setting screw (1) was.
- Put seal (5) on the inlet fitting, then the inlet fitting on the side where the plug (6) is, and fix with the split flange. Tighten with the screws (4).

Important note:
Do not rotate pump shaft at all until the rotation setting screw (1) is in place. The rotation setting screw is always on the output (pressure) side.

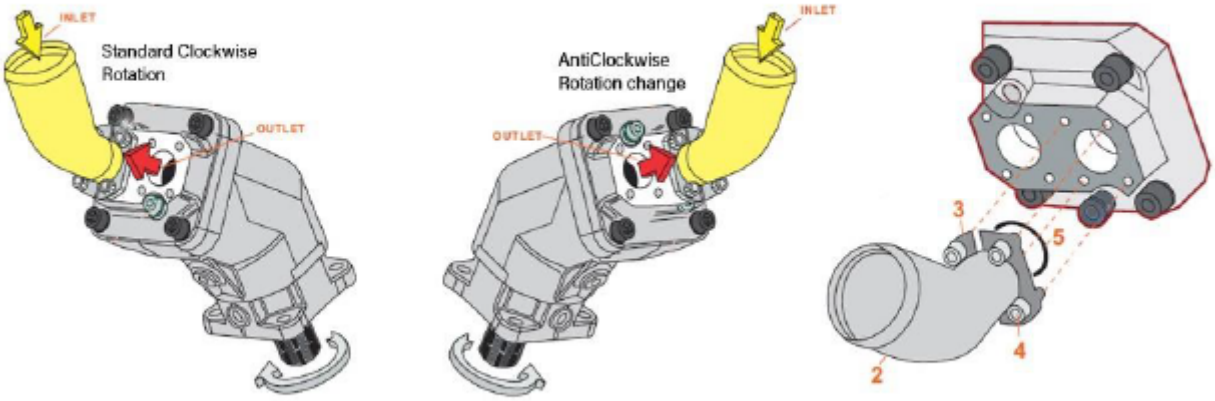






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Bi-Rotational rotation change drawing



1. Before changing the direction of rotation on your pump, remove the suction fitting and screw it onto the other port. Pump shaft must not be rotated during this operation.

2. Remove the inlet fitting with split flange, Remove the setting screw, Remove the plug, Put the setting screw where the plug was, Put the plug where the setting screw was, Put the seal on the inlet fitting, then the inlet fitting on the side where the plug is, and fix with the split flange, Tighten the screws.

3. **Note** - The inlet fitting is pre-assembled on delivery and must be tightened to the torque specified for the thread size before installation.

   Note - To change the direction of rotation of the Bent Axis pump, you must change the pressure connection from the right port to the left port.

   Note - If the pump drive shaft moves while making the change, the Best Axis pump may be damaged. After screwing the pressure connection, do not turn the drive shaft of the pump!