Rexroth A2F series Fixed Displacement Piston Pump / Motor

www.hydpump.com

Axial piston unit of bent axis design with fixed displacement, for use as either pump or motor in hydrostatic drives, in open or closed circuit.

If operated as a pump, the flow is proportional to the drive speed and displacement. If operated as a motor, the output speed is proportional to the swept volume and inversely proportional to displacement. The output torque increases with the pressure drop between the high and low pressure sides.

Features:

- Equivalent with original Rexroth same model.
- High performance rotary group with well-proven spherical control area with the advantages, self-centering low peripheral speed, high efficiency.
- Robust rolling bearing endure long service life.
- Drive shaft capable of adopting radial loading

A2F	55	R	2	P	1

Fixed displacement Pump / Motor

Displacement (V_{gmin} ~V_{gmax})

9.4 ml/r	10
11.6 ml/r	12
22.7 ml/r	23
28.1 ml/r	28
44.3 ml/r	45
54.8 ml/r	55
63.0 ml/r	63
80.0 ml/r	80
107 ml/r	107
125 ml/r	125
160 ml/r	160
200 ml/r	200
225 ml/r*	225
250 ml/r	250
355 ml/r	355
500 ml/r	500

Direction of rotation

Clockwise	R
Anti-clockwise	L
Alternation (not for pump in open circuit)	W

Series

Series: size 10~160	1
Series: size 10~160	2
Series: size 10~160	3
Series: size 10~160	4
Series: size 200~500	5

Shaft end

Keyed shaft GB1096-79	P
Splined shaft DIN 5480	Z
Splined shaf GB3478.1-83	S

Rear cover

Port plate	1
Port plate	2
Port plate	3
Port plate	4
Port plate	5
Port plate	6
Port plate	7

Ordering code example:
A2F 55 R 2 P1
Fixed displacement pump A2F, size 55, clockwise rotation, series 2, keyed shaft, port plate 1.

For more information or technical data, please contact us.