

# Motors - Fixed Displacement

## Axial Piston

F11



- Very high operating speeds and fast accelerations
- Anti cavitation valve available
- Pressures up to 420 bar
- High Overall Efficiency (low losses)
- Accept high external shaft loads
- Good resistance to vibrations and temperature shocks
- Proven reliability
- Easy to service
- CETOP, ISO and SAE versions available

Frame size F11	05	06	10	12	14	19
Displacement (cm <sup>3</sup> /rev)	4.9	6.0	9.8	12.5	14.3	19.0
Max cont pressure (bar)	350	350	350	350	350	350
Max operating speed (rpm)	12800	10200	10200	9400	9000	8100
Output torque at 100 bar (Nm)	7.8	9.5	15.6	19.8	22.7	30.2
Weight (kg)	5	7.5	7.5	8.2	8.3	11

F12



- Very high operating speeds and fast accelerations
- Pressures up to 480 bar
- High starting torque
- Very high power capability
- High overall efficiency
- Small envelope size
- Accessory valves available
- ISO, SAE and cartridge versions available
- Proven reliability
- Easy to service

Frame size F12	30	40	60	80	90	110	125	150	250
Displacement (cm <sup>3</sup> /rev)	30.0	40.0	59.8	80.4	93.0	110.1	125	150.0	242.0
Max cont pressure (bar)	420	420	420	420	350	420	420	350	350
Max operating speed (rpm)	6700	6100	5300	4800	4600	4400	4200	3200	2700
Output torque at 100 bar (Nm)	47.6	63.5	94.9	128	148	175	198	238	384
Weight (kg)	12	16,5	21	26	26	36	36	70	77