

# XF MOTOR

Compact, modular design, customisable, multi-lobed radial piston motor



- 325 bar continuous pressure
- Radial or axial port options
- Fixed displacement
- Compact design with three output styles
- Free wheel capability
- Fast delivery options available

## XF02

Nominal Displacement (cc/rev)	150	200	280	340
Geometric Displacement (cc/rev)	150	200	280	340
Specific Torque (Nm/bar)	2.4	3.2	4.5	5.4
Max Pressure (bar)*	420	420	420	420
Max Cont. Speed (rpm)	550	500	390	320
Max Cont. Power (kW)	18	18	18	18

## XF04

Nominal Displacement (cc/rev)	300	350	400	480	560	620	680
Geometric Displacement (cc/rev)	300	350	400	480	561	620	680
Specific Torque (Nm/bar)	4.8	5.6	6.4	7.6	8.9	9.9	10.8
Max Pressure (bar)*	420	420	420	420	420	420	420
Max Cont. Speed (rpm)	375	262	250	222	195	178	160
Max Cont. Power (kW)	29	32	35	36	36	36	36

## XF05

Nominal Displacement (cc/rev)	390	490	560	680
Geometric Displacement (cc/rev)	393	493	559	681
Specific Torque (Nm/bar)	6.3	7.8	8.9	10.8
Max Pressure (bar)*	420	420	420	420
Max Cont. Speed (rpm)	440	350	320	260
Max Cont. Power (kW)	30	30	30	30

## XF10

Nominal Displacement (cc/rev)	780	880	980	1050	1120	1240	1360
Geometric Displacement (cc/rev)	785	886	986	1052	1117	1239	1362
Specific Torque (Nm/bar)	12.5	14.1	15.7	16.7	17.8	19.7	21.7
Max Pressure (bar)*	420	420	420	420	420	420	420
Max Cont. Speed (rpm)	230	200	180	170	160	145	132
Max Cont. Power (kW)	60	60	60	60	60	60	60

\* Running conditions that utilise the maximum/peak pressure capabilities of the motor should be kept to a minimum and if utilised, done so as part of a known duty cycle.