



# F12

Parker's upgraded F12 series offer highest degree of performance, durability and reliability.

Thanks to patented spherical piston design and gear synchronization the F12 series have now been upgraded with higher speed and pressure levels. The increased performance with higher speed and pressure capability can improve end users productivity with longer life time and higher up-time.

## Features and benefits:

- Highest overall efficiency
- Operating pressures up to 450 bar
- Speed up to 7300 rpm
- Robust and reliable desing
- Very high power to weight ratio
- Both pump and motor versions

## Intended applications:

- Construction
- Forestry
- Marine & Offshore, Oil & Gas
- Agriculture
- Mining
- Municipal vehicles

Frame Size	Displacement [cm <sup>3</sup> /rev]	Max continous pressure [bar]	Max continous Speed [rpm]	Max flow <sup>1)</sup> [l/min]	Torque <sup>1)</sup> [Nm]	Max Output Power <sup>1)</sup> [kW]	Min Speed [rpm]	Weight [kg]
F12-30	30.0	450	7300	219	214	164	50	11.5
F12-40	40.0	450	6300	252	286	189	50	15.7
F12-60	59.8	450	5800	347	429	260	50	18.6
F12-80	80.4	450	5100	410	571	308	50	25.7
F12-90	93.0	350	4600	428	517	250	50	25.7
F12-110	110.1	420	4400	484	733	339	50	33.0
F12-125	125.0	420	4200	525	833	368	50	33.0
F12-152	149.8	420	3700	554	1000	388	50	40.0
F12-162	163.1	420	3700	603	1080	422	50	40.0
F12-182	179.8	420	3700	665	1213	466	50	40.0
F12-250	242.0	350	2700	653	1344	381	50	77.0

1) Theoretical values

