



F1

Parker's hydraulic truck pump series F1 featuring high self-priming speed and high efficiency and is one of the leading truck pumps in the market. It provides circuit reliability at speeds up to 3100 rpm at 400 bar (5,800 PSI).

The F1 hydraulic pump is a very efficient and straight forward pump design with unsurpassed reliability. Its small envelope size gives a simple and inexpensive installation.

Features and benefits:

- High selfpriming speeds
- Operating pressures up to 400 bar
- High overall efficiency
- Low noise level
- Small installation dimensions
- Low weight

Intended applications:

- Cargo cranes
- Hook loaders
- Skip loaders
- Forestry cranes
- Multipurpose vehicles

Part number	Description	Displacement [cm ³ /rev]	Max operating pressure [bar]	Max flow ¹⁾ [l/min]	Torque ¹⁾ [Nm]	Max Input Power ³⁾ [kW]	Max Shaft short circuited pump (low press.)	max selfpriming speed ²⁾ [rpm]	Weight [kg]
3781024	F1-25-R	25.6	400	78	163	45	3100	3050	8.5
3781025	F1-25-L	25.6	400	78	163	45	3100	3050	8.5
3781040	F1-41-R	40.9	400	104	260	61	2700	2550	8.5
3781041	F1-41-L	40.9	400	104	260	61	2700	2550	8.5
3781050	F1-51-R	51.1	400	125	324	73	2700	2450	8.5
3781051	F1-51-L	51.1	400	125	324	73	2700	2450	8.5
3781060	F1-61-R	59.9	400	143	378	83	2700	2400	8.5
3781061	F1-61-L	59.9	400	143	378	83	2700	2400	8.5
3781080	F1-81-R	81.6	400	180	518	105	2300	2200	12.5
3781081	F1-81-L	81.6	400	180	518	105	2300	2200	12.5
3781100	F1-101-R	102.9	400	216	653	126	2300	2100	12.5
3781101	F1-101-L	102.9	400	216	653	126	2300	2100	12.5

1) Theoretical values

2) Valid at an inlet pressure of 1.0 bar (abs.) when operating on mineral oil at a viscosity of 30 mm²/s (cSt).

3) Max 6 seconds in any one minute

