

F3 - DISENGAGEABLE PUMP, FIXED DISPLACEMENT

The disengageable F3 series is a global innovation in mobile hydraulics. By engaging and disengaging the pump from the diesel engine on the fly, you can save substantial amounts of fuel. But you also reduce wear and tear on the pump and minimize the risk of costly downtime and standstills – while also reducing the noise level.

All that is required to press a button on the dashboard, without turning off the engine!



Part number 24VDC	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 self-priming speed ²⁾ [rpm]	Weight [kg]
3720091	F3-81-R	81.6	400	180	518	105	2300	2200	20.3
3720092	F3-81-L	81.6	400	180	518	105	2300	2200	20.3
3720093	F3-101-R	102.9	400	216	653	126	2300	2100	20.3
3720094	F3-101-L	102.9	400	216	653	126	2300	2100	20.3

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

Features and benefits:

- Totally disconnected when not needed
- Save hundreds of litres on fuel
- Significant reduction of CO₂ emissions
- Safe limp-home in case of equipment failure
- Just push a button to activate on the go
- Thoroughly tested Parker technology
- Reduces wear on your pump and your transmission
- Compact and easy to install



Parker Hannifin Corporation
Hydraulic Pump & Motor Europe

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Intended applications:

- Hook loaders
- Skip Loader
- Tipper
- Lift dumpers