



## The VO40-, P- and F-series Open Centre Valves

Valve	Pump flow l/min	Pressure bar	Operation			
			Manual	Pneumatic	Hydraulic	Electro-hydraulic
VO40	40	300	•	•	•	•
P70CF	70	350	•	•	•	•
F130CF	110	350	•	•	•	•

Parker's Open Centre valves can be equipped with a large number of optional components and assemblies such as:

- Pump unloading with blocked pump channel for emergency stop
- Main pressure relief valve
- Port relief valves with anti-cavitation function
- Anti-cavitation valves
- Counter-pressure valve
- Application adapted spools
- Pressure compensated spools
- Load check valves
- Power beyond-feature
- For single or multi-pump operation
- For single or multi-valve operation

*(Options vary for different valves)*



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Bulletin HY17-8502-B1/UK  
 2M 01/2007 RT

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# Robust efficiency

Flexible control for medium duty applications

Modular Open Centre hydraulic valves  
 VO40/P70CF/F130CF

# High end performance, low end cost!

## New possibilities with superior Parker technology

An Open Centre system is often the answer when the design objectives call for reliability and performance on a limited budget. But Open Centre systems need not be simple solutions. Simple as in uncomplicated – yes, simple as in unsophisticated – no!

Years of refinement at Parker has resulted in an unbeatable Open Centre technology, offering many of the advantages of more complex and costly solutions at a significantly reduced cost. Compared to other Open Centre offerings, a Parker system will provide many advantages:

- **Higher productivity through enhanced control & manoeuvrability**
- **Lower running and maintenance cost**
- **Modular design and flexible configuration cuts time-to-market**
- **Unmatched robustness & reliability**
- **Options and accessories for a wide range of applications**



VO40



P70CF



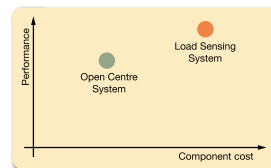
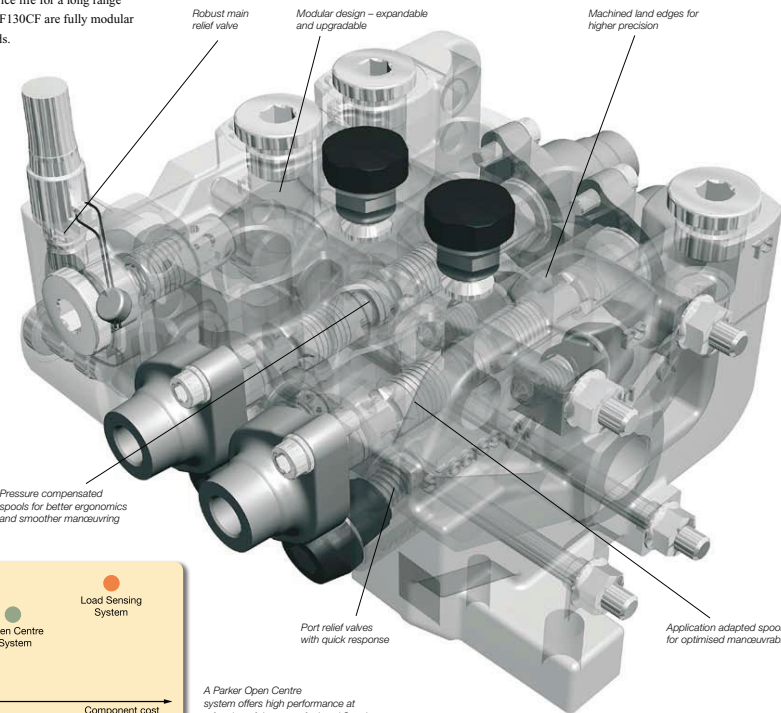
F130CF

The Parker VO40-series, P-series and F-series Open Centre valves are ideally suited for basic and medium-duty applications, where simplicity, reliability, efficiency and vehicle cost are top priorities. They are primarily designed for use with fixed displacement pumps, and can be controlled manually, pneumatically, hydraulically or electro-hydraulically. This gives great flexibility in component location – an important factor where space is at a premium. All in all, a Parker Open Centre hydraulic system offers first rate performance at a fraction of the cost of more advanced systems – an ideal solution wherever the added refinement and advantages of a Load Sensing system are not needed.

## A well-proven modular design for optimised reliability

The advanced design of Parker's Open Centre valves offers outstanding performance, reliability and service life for a long range of applications. The VO40, the P70CF and the F130CF are fully modular designs that can be specified to match any needs.

**UP TO  
20%  
INCREASE IN  
PRODUCTIVITY**



A Parker Open Centre system offers high performance at a fraction of the cost of a Load Sensing system.

## Perfect partners

For the ultimate in performance, the VO40-series, the P-series and F-series valves can be combined with a wide range of advanced and well-proven Parker components into a system working in perfect harmony.

The modular, software-based IQAN electronic control system adds new performance, reliability and safety enhancing functionality while dramatically reducing development time and costs.

The PCL4 hydraulic pilot control valves with excellent manoeuvrability and high capacity.

The PGP series fixed displacement pumps optimise efficiency and provide the power necessary – a rugged, ultra-reliable design.

Customer adapted manifolds give a compact and versatile hydraulic system.



TYPICAL APPLICATIONS: MOBILE CRANES • FORK LIFT TRUCKS • DRILL RIGS • FOREST CRANES • SMALL WHEEL LOADERS • REFUSE VEHICLES • SKIP TRUCKS • ETC

