The P70 Series

Common features – P70 series:
• Main pressure relief valve
• Port relief valves with anti-cavitation function
• Anti-cavitation valves
• Application adapted spools
• Pressure compensated spools
• Load hold check valve
• For single or multi-pump operation

Options vary for different valves

<table>
<thead>
<tr>
<th>Valve</th>
<th>Pump flow l/min</th>
<th>Pressure bar</th>
<th>Manual</th>
<th>Pneumatic</th>
<th>Hydraulic</th>
<th>Electro-hydraulic</th>
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</thead>
<tbody>
<tr>
<td>P70CF</td>
<td>70</td>
<td>350</td>
<td>•</td>
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<td>P70CP</td>
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<tr>
<td>P70LS</td>
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<td>250</td>
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</table>
The ultimate cost/performance compromise!

Open Centre technology taken to the limits!

Often when designing mobile hydraulic systems, cost considerations override desired performance, functionality and ergonomics. A high-tech load sensing system would be better in many ways, but the budget just won’t stretch that far. That is when Parker’s new P70LS valve comes to the rescue. Based on a proven, economical, open centre thoroughbred technology, it enables many of the advantages of a load sensing system at a fraction of the cost.

Lower running costs, longer service life
The unique P70LS solution with its built-in, intelligent load-sensing abilities will give you precise control, quick reactions and a higher overall system efficiency, resulting in lower noise and lower heat losses, and ultimately considerably lower fuel consumption and an extended service life. All this has been made possible through an ingenious adaptation of our existing mass market valve technology, reducing your time-to-market without compromising performance.

Take the first step today!
The new P70LS can also be a cost-reducing option to fully load sensing valves for less demanding functions in more complex systems. The P70LS technology is an ideal first step into the world of new functionality offered by Parker’s advanced load sensing technologies.

Typical applications:
- Refuse vehicles
- Skip loaders
- Agricultural machines
- Medium duty wheel loaders
- Piste machines
- Fork lifts
- Forestry machines
- Etc.

Save up to 60% on fuel

The graph shows the difference in power losses between a conventional open centre system and a load sensing system.

Higher productivity
Load-sensing at a fraction of the cost
Based on proven open centre technology
Reduces fuel costs significantly
Better manoeuvring precision
Easy to install
Modular design – expandable and upgradeable
Perfect for sequential applications
A global product with global back-up
Simplified circuit lay-out