

Parker- Mobile Directional Control Valve – VA Series

Full Product Description

The VA series is a continuously growing portfolio of next generation proportional, pre-compensated, load sensing, mobile directional control valves. With a foundation of market leading high-end valves like K220LS and L90LS, VA Series is ensured to offer valves with enhanced properties regarding robustness, control precision, energy efficiency, modularity, and customization.

VA Series will be available in different sizes seamlessly combinable to offer a complete package for machinery where there are large variations in flow requirement.

Each valve size will also be available as stand-alone valves to cover low as well as high demanding applications regarding flow requirement.

Features & Benefits:

- Will be expanded with more sizes in terms of flow, combinable to cover varying flow demand in the same valve stack.
- Modular design providing wide range of functions and combination possibilities to suit any need, yet service friendly to simplify maintenance and repairs.
- Seamless integration of function manifolds specially designed with the customer's specific needs in mind to reduce number of components and simplify the hydraulic system.
- Parker's unique online configurator provides automatically created and instantly available code report, schematics, spare parts list, 3D model and 2D drawing to reduce development time.

Markets:

- Forestry Equipment
- Construction Equipment
- Material Handling Equipment
- Mining

Applications:

- Forwarders
- Forestry harvesters
- Forest cranes
- Harvesting heads
- Mining machines
- Drill rigs
- Loaders
- Dump trucks
- Excavators
- Construction machines
- Forklift trucks
- Material handling cranes
- Reach stackers
- And many more...

Technical Specifications

Product Type:	Mobile Directional Control Valve	Actuation Type:	Electric, Oil pilot, Proportional, Solenoid
Valve Type:	Load Sensing, Directional Control, Proportional, Pressure compensated	Valve Configuration:	Load Sensing
Maximum Operating Pressure:	350 bar, 5076 psi	Maximum Operating Temperature:	+90 °C, +194 °F
Maximum Flow Rate:	450 L/min, 119 Gal/min	Minimum Operating Temperature:	+20 °C, +68 °F
Seal Material:	HNBR, NBR	Function:	Normally closed, 4-way
For Fluid Type:	Hydraulic oil	Connection Type:	BSP, UNF, Metric
ATEX Specifications Met:	Not available	Body Material:	Nodular iron
Application:	Forwarders, Forestry harvesters, Forest cranes, Harvesting heads, Mining machines, Drill rigs, Loaders, Dump trucks, Excavators, Construction machines		