



EXOTIC

AUTOMATION & SUPPLY

Parker Viking Xtreme Solenoid Valves

Parker's Viking Xtreme Valve is a robust, versatile inline valve that combines high performance with compact installation dimensions that is well suited for general to harsh industrial applications as well as mobile related applications. The valve can be installed as a single valve for point-of-use applications or mounted on aluminum bar manifolds for centralized applications.

Viking Xtreme is a fully featured valve that has multiple solenoid voltages incorporating standard or mobile related coils. Remote pilot valves are also available. The bi-directional over molded spool performs well in temperatures ranging from -40F to 140F and pressures ranging from Vacuum to 232 PSG.



Features/Benefits:

- The 3/2 versions are available with hand lever, pneumatically actuated and electrically actuated
- Rail versions have passed shock & vibration test IEC6173: 1999 cat 1 class B
- 1.2w to 6.8w solenoids depending on application with or without manual override
- Up to 16 bar (A & B type) with -40C to 60C for hard environment
- No lubrication required

Markets:

- Transportation
- Military
- Oil & Gas
- Rail
- Agri-Food
- Forestry Equipment





Whatever the environment, Push it to the Xtreme!



Compact Installation Dimensions - Flexible Installation

Compact dimensions direct body porting and integral mounting holes are all features of the Viking Xtreme range. In addition to single valve installation, the Viking valve may be installed on manifolds so that the valves have a common supply and manifolded exhausts.

Mobile Applications

The Viking Xtreme valves have a robust body which is machined out of solid aluminum bar and then anodized. Valves have passed aggressive salt spray, and demanding vibration tests and will operate in ambient temperatures of -400C to +600C. Solenoids are available having wide voltage tolerance for mobile applications.

Maintenance

The Viking Xtreme valve range has been developed from the very successful VGD15 and P2L-A product ranges which have a history of reliable and long service life in demanding and difficult applications. Spares kits are available for the valve and solenoid operators.

Manually Operated Versions

The range has now been extended to include lever operated versions. The rugged lever actuator has been specifically designed for gloved hands to suit mobile applications in the most arduous of environments. Available in 3/2, 5/2 and 5/3 functions with either spring return or detented lever and with a choice of mid position function in the 5/3 versions. The lever actuated versions are available across the entire range of port sizes G1/8, G1/4, G3/8 and G1/2.

High Reliability

Valves have passed shocks & vibrations test IEC6173: 1999 cat 1 class B The Viking Xtreme valves have few moving parts combined with short spool movement, these features combine to give valves having high reliability and long service life. The valves are designed for use with or without supplementary lubrication.

Rust / Corrosion Resistant Designs

Viking valves are made entirely of anodized aluminum, for good corrosion resistance. The smooth design, with no dirt-collecting pockets, makes the valve suitable for most environments, including applications with stringent hygiene requirements. The valve has stainless steel fixing screws for the end covers, to withstand aggressive environments.

Insensitive to Dirty Air

Thanks to large flow passage areas and the large flow diameter of 1.0 in the pilot valves, the P2LA and P2LB can be used in normal industrial or mobile environments without any problems of blocking. However the service life of the valve depends on the cleanliness of the air. Please refer to ISO 8573. Valves having ATEX approval ATEX approved options are available for use in explosive atmospheres.

Complete Range

Manual, pneumatic, electric, 3/2, 5/2 & 5/3; the Viking Xtreme Valve range is suitable for a multiple application. For mobile or industrial applications, all functions are available from G1/8 to G1/2 using the same design and technology.



Contact us for more Information!



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