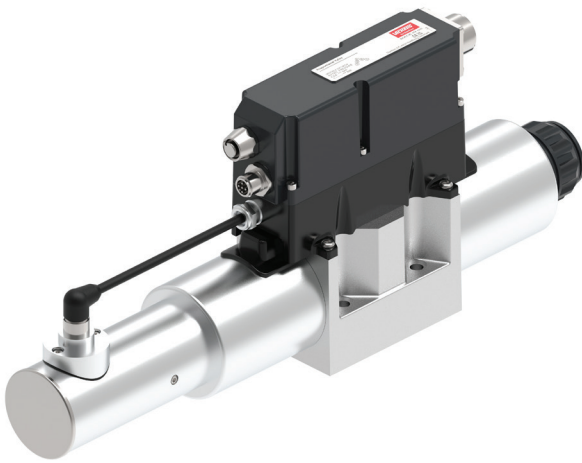


Vickers® by Danfoss

KBFRG4-05 Proportional Valve

Round Solenoid

Proportional direction control, single stage, solenoid operated, 4-way hydraulic valve



High **power capacity.**

Superior **durability.**

The expansive portfolio of Vickers® by Danfoss proportional valves offers a wide range of features and performance levels to meet the demands of any industrial application. To further enhance our competitive offering, we are introducing the KBFRG4-05, a new proportional valve with a round solenoid design that delivers superior performance and premium features.

Engineered to withstand the toughest conditions, the new KBFRG4-05 valve features a market-leading pressure rating of 350 bar and an IP67 ingress protection rating. Its robust metal housing provides increased vibration and shock resistance, while built-in health monitoring simplifies installation and troubleshooting. The KBFRG4-05 also complies with key industry standards, including CE, UKCA, REACH, and RoHS certifications.

Features

- Maximum pressure rating 350 bar; tank 210 bar
- Higher power capacities with the maximum flow of 290lpm @ 57bar
- Multiple spool options with various flow ratings
- Competitive step response - 20ms
- CAN communication, configurable control modes using Pro-FX Configure
- Easier diagnostics through LED indicator
- Enhanced vibration resistance (7.8g random, 50g shock)
- IP67 Ingress protection rating
- High corrosion resistance option available
- Industry standard certification compliance: CE, UKCA, REACH, RoHS and EMI/EMC

Markets

- Wind Turbine
- Machine tools
- Molding
- Metal forming
- Primary metals
- Pulp & paper
- Wood processing
- Test and simulation
- Oil and gas
- Marine/offshore
- Civil engineering