

The Next Generation of Proportional Valve Performance

KBSDG Proportional Valve: Paving the way for the next generation AxisPro®

The new AxisPro, the intelligent, software-configurable upgrade to the KBSDG proportional valve series. This is more than a product refresh — it's a complete transformation.

AxisPro brings advanced digital control, seamless connectivity, and real-time configurability to your hydraulic system. If you've used KBSDG before — this is the smarter, faster, fully connected version you've been waiting for.

- 4–8 week availability (ExWorks Havant)
- Simpler SKU management
- Advanced control out of the box



What's New - From KBSDG to AxisPro

Advanced parameter tuning

- Fine-tune control loops with on-the-fly parameter adjustment
- Easily optimize performance for specific loads, speeds, and conditions

Flow linearization and dither/deadband adjustment

- Flow linearization: Achieve consistent, stable flow across all operating conditions
- Dither and deadband adjustment: Eliminate valve stick-slip and dead zones for ultra-smooth motion

Plug-and-play setup

- USB-based configuration via Pro-FX® Configure software
- Built-in LED diagnostics for real-time status and troubleshooting
- Software-defined flexibility means one part number can do it all

Smart connectivity

- Connects to EtherCAT, Profinet, Ethernet/IP, CANopen, USB, and Analog
- Future-proof your system with broad protocol support

Power + durability




- 50% higher pressure gain than KBSDG
- Outperforms top competitors in power and speed
- *Option:* Withstands extreme vibration up to 50g
- *Option:* High corrosion resistance up to 700 hours salt spray protection

New proportional valve configurator

- Build your model in minutes
- Instant pricing
- Download CAD, data sheets, and more
- One-click quote request

More powerful features
 More competitive
 The next generation AxisPro®

KBSDG to AxisPro Crossover Table

Stage	Size	Current models	New AxisPro Level 1	
Single Stage	D03/NG06	KBS1-03	KBSD14-03	
	D03/NG06	KBSDG4V-3		
	D05/NG10	KBS1-05	KBSD14-05	
	D05/NG10	KBSDG4V-5		
Two Stage	D05/NG10	KBH1-05	KBHD15-05	
	D05/NG10	KBHDG5V-5		
	D07/NG16	KBH1-07	KBHD15-07	
	D07/NG16	KBHDG5V-7		
	D08/NG25	KBH1-08	KBHD15-08	
	D08/NG25	KBHDG5V-8		
	D10/NG32	KBHDG5V-10	KBHD15-10	Coming soon

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