PROPORTIONAL SPOOL VALVE WDBFA06_K9

PROPORTIONAL SPOOL VALVE CARTRIDGE

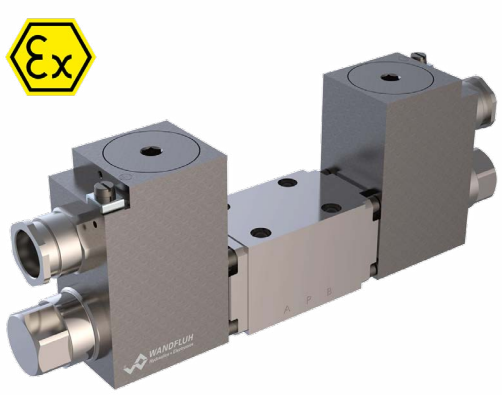
Direct operated	WDBFA06_K9
Q_{max}	30 l/min
$Q_{N\ max}$	20 l/min
p_{max}	350 bar

DESCRIPTION

Direct operated proportional spool valve with 4 connections in 5-chamber system with precise spool fit and low leakage. Proportional to the solenoid current, the spool stroke, the spool opening and the valve volume flow increase. The flameproof enclosure prevents the transmission of any internal explosion to the surrounding, explosive atmosphere and the reaching of a flammable surface temperature.

Application example drilling rig

4/2-way spool valve WDBFA06_K9



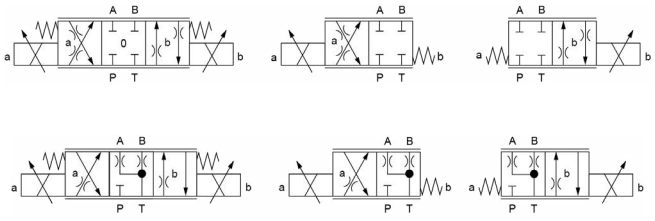
4/3-way spool valve; 4/2-way spool valve pulse WDBFA06_K9

FIELDS OF APPLICATION

These valves are used in explosion-hazard areas above ground and in mining. The stainless execution is especially suitable for the use in wet and salty environment. Proportional spool valves are perfectly suitable for demanding tasks due to the high resolution, large volume flow and low hysteresis. The applications are in the industrial as well as in the mobile hydraulics for the smooth control of hydraulic actuations.

SYMBOL

The following options are available for the WDBFA06_K9



Spool types ACB and ADB

CERTIFICATES

	Surface	Mining	Standard -25 °C bis…	M248 Elektronik
ATEX	x	x	x	x
IECEx	x	x	x	x
EAC	x	x	x	x
Australia	x	x	x	
MA		x	x	x
UL / CSA	x		x	

Can be found on the website with the respective product

ELECTRONICS

For the control of proportional spool valves, electronic modules in different executions are available. Regardless of the design, the modules can be programmed using the free parameterisation software PASO.

Amplifier and control electronics

FEATURES

- Direct operated
- Proportional solenoid
- Explosion-protected
- Stainless
- Sensitive motion sequences
- Precise spool fit

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