BENCOR (Pty) Ltd.

Metering valves



Flow control valves type SF, SD, SK and SU

The SF, SD, SK, and SU type flow control valves are available in 2-way and 3-way flow versions. They are utilized to smoothly adjust the consumer flow in hydraulic circuits. It is possible with type SU to choose between two previously selected flows.

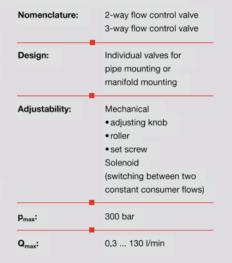
The amount of flow is accurately maintained even if the system pressure or viscosity varies.

Additional control functions enable adaptation to special application requirements (e.g. pressure limiting valve and idle circulation valve. Both can be integrated in the valve body or externally via a Z-port).

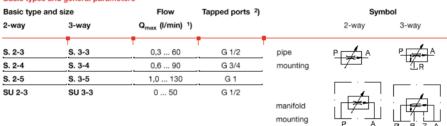
The 2-way flow control valves can work in any flow direction when

ordered with a by-pass check valve and bridge circuit.

These flow control valves may be used in a wide field of application due to the various actuation options available.







Actuations

basic types	Brief description	Symbol
SF	set screw a/f 10	Τ
	adjustment travel 5 mm	- <u>[**</u>]-
SD	adjusting knob	
	adjustment travel 3,8 turns	- 0
SK	roller actuation	الأسياح
SKR	unshielded version (SK),	-i- j== -
	shielded version (SKR)	
	actuation travel 15,5 17 mm	
	actuation force 30 70 N	
su	solenoid	П
	12V DC, 24V DC, 230V AC 50/60 Hz	₽ _/ _ -∟ /= 5-

Available orifices

Q_{max} (I/min) 3 30 36 50 60 70 90 130 (orifice open when deenergized)

 $^{^{\}rm 1})~{\rm Q}_{\rm max}$ can be selected, see "Available orifices" $^{\rm 2})~$ with version for pipe mounting