

Shut-off valves

		Emergency control function		KR	TR / TRF / TRY	LR / LRQ / LRF	NR / NRQ / NRF	SR / SRF / SRQ	SR..P									
									IP66/67									
Open-close Running times		Control		80°C	120°C ⁴⁾	120°C	120°C	120°C	120°C									
AC/DC 24 V 9 s	35 s	1-wire				LRQ24A	NRQ24A	SRQ24A										
	75 s	1-wire/2-wire			TRY24													
	90 s	1-wire/2-wire		KR24														
	Ⓜ : 75 s / Ⓢ : 75 s	1-wire	Ⓢ		TR24	LR24A(-S)	NR24A(-S)	SR24A(-S)	SR24P									
	Ⓜ : <75 s / Ⓢ : <20 s	1-wire	Ⓢ		TRF24(-S)(-O)													
		1-wire	Ⓢ			LRF24(-S)(-O) ⁴⁾	NRF24A(-S2)(-O)	SRF24A(-S2)(-O)										
AC 230 V	35 s	1-wire/2-wire			TRY230													
	75 s	1-wire/2-wire		KR230														
	90 s	1-wire/2-wire				LR230A(-S)	NR230A(-S)	SR230A(-S)	SR230P									
	Ⓜ : 75 s / Ⓢ : 75 s	1-wire	Ⓢ		TRF230(-S)(-O)													
	Ⓜ : <75 s / Ⓢ : <20 s	1-wire	Ⓢ			LRF230(-S)(-O) ⁴⁾	NRF230A(-S2)(-O)	SRF230A(-S2)(-O)										
Flange (EN 1092/1)		PN 6		Range of use ¹⁵⁾														
2-way		3-way		T _{max} = 100°C		Closed / open circuits (pH > 7)												
				k_{vs}	k_{vs}¹⁾	DN	Δp_s	Δp_{max}	Δp_s	Δp_{max}	Δp_s	Δp_{max}	Δp_s	Δp_{max}	Δp_s	Δp_{max}	Δp_s	Δp_{max}
[m ³ /h]	[m ³ /h]	[mm]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]
R6015R-B1	15	R7015R-B1	15	15	600	100	600	100	600	100	600	100	600	100	600	100	600	100
R6020R-B1	32	R7020R-B1	32	20	600	100	600	100										
R6025R-B2	26	R7025R-B2	26	25					600	100								
R6032R-B3	32	R7032R-B3	32	32														
R6040R-B3	31	R7040R-B3	31	40														
R6050R-B3 ⁶⁾	49	R7050R-B3 ⁶⁾	49	50							600	100	600	100	600	100	600	100

- 1) $k_{vs} = A - AB$, $k_{vs} (B - AB) = 50\% \times k_{vs}$
- 2) Low-noise operation $\Delta p_{max} = 200$ kPa
- 3) Medium temperature $-10...+5^\circ\text{C}$ with spindle heating
- 4) If medium temperature $\geq 100^\circ\text{C}$, then pipe and valve must be insulated
- 5) R3.., R7...: not suitable for open circuits
- 6) Valve can not be motorised with NRQ.. actuators