DATA SHEET

Three-way Mixing Valves with outer thread, model LK 840 2.0

Working fluid	
Application	heating and solar systems
Description	mixing valve with rotating inner segment
Working fluid	water, antifreeze mixture for heating and solar systems and heat pumps
Installation position	any, except for shaft (motor) downwards

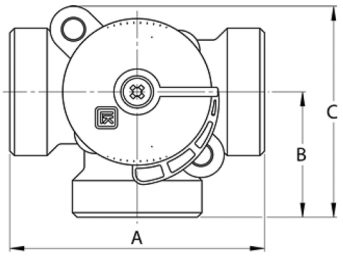
Control	
Electric contro	can be fitted with electric actuators with torque of 5 Nm or more
Manual contr	by turning the knob
Opening angle	90° / 360°

Technical parameters	
Max. working pressure	10 bar
Max. pressure difference	5 m H_2O
Fluid working pressure	5 to 110 °C (120 °C in short term)
Ambient working temperat.	5 to 60 °C
Leaks	< 1 % K_{vs} at 5 m H_2O pressure difference

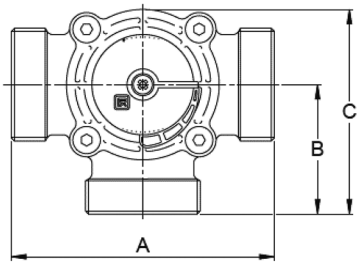
Materials	
Valve body	brass
Valve member and spindle	brass
Inner valve bonnet	PPS
Outer valve bonnet	aluminium
Seal	EPDM

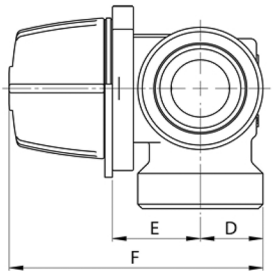
Dimensions

for G 3/4″ M – G 6/4″ M



for G 2″ M





	Code	Dimensions [mm]						Weight [kg]	K_{vs} [m³/h]	Connection
		A	B	C	D	E	F			
LK 840 3/4 M - 2,5	16769	80	40	68	18	29	81	0,6	2,5	G 3/4″ M
LK 840 1 M - 4	16768	80	40	68	18	29	81	0,6	4,0	G 1″ M
LK 840 1 M - 6,3	18898	80	40	68	18	29	81	0,6	6,3	G 1″ M
LK 840 5/4 M - 8	18784	82	41	69	20	29	83	0,6	8,0	G 5/4″ M
LK 840 6/4 M - 16	16763	84	42	77	24	32	90	0,8	16,0	G 6/4″ M
LK 840 2 M - 25	16759	124	62	97	33	43	110	1,4	25,0	G 2″ M

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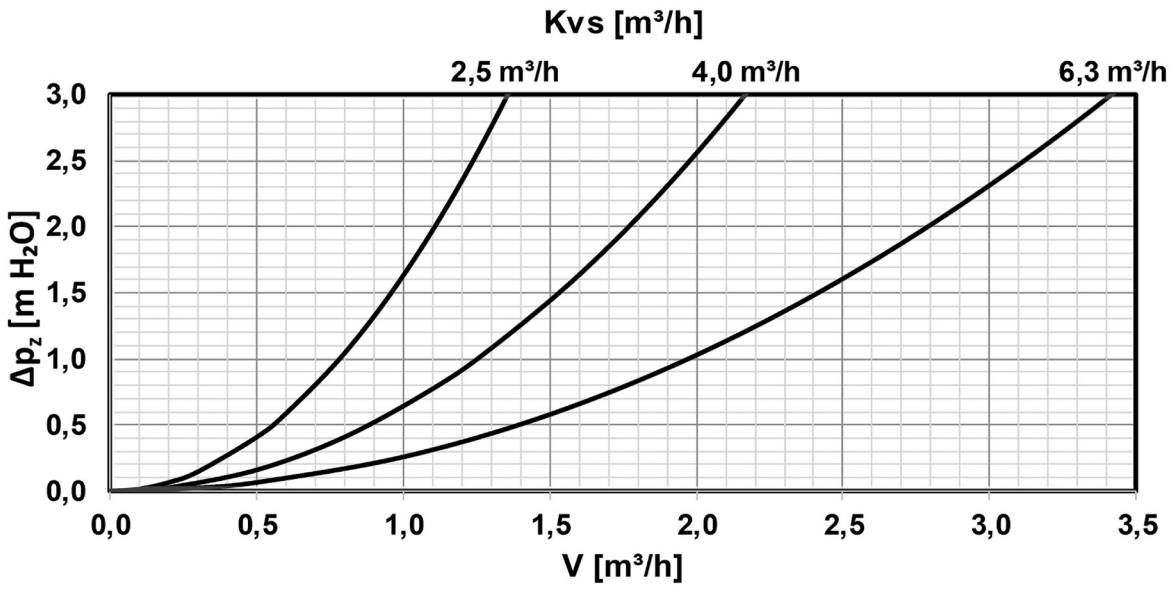
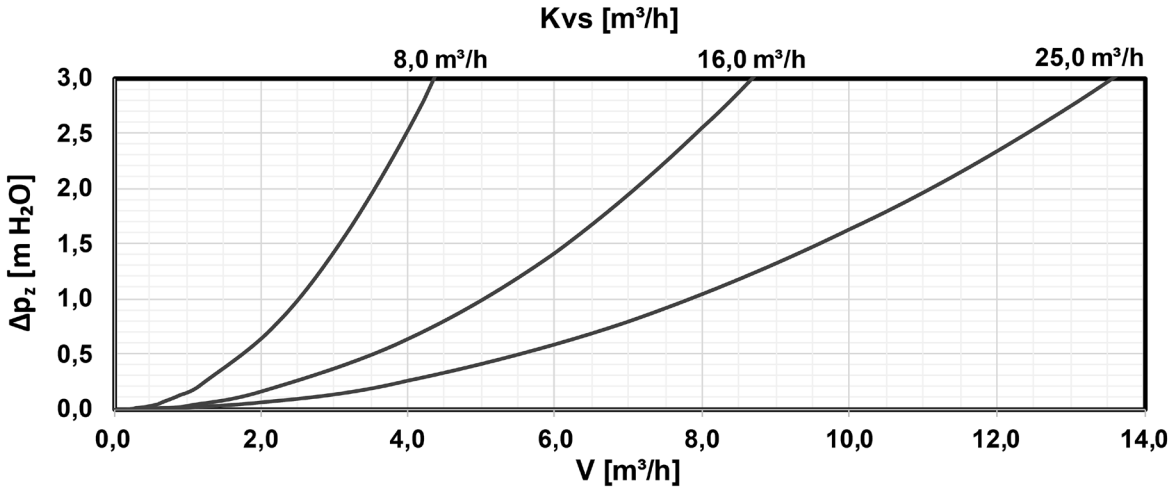
Pressure drop diagram





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