

MIXING VALVES

LK840 Three-way Mixing Valve

Mixing valves with a rotating inner segment intended for heating or solar thermal systems with water or antifreeze fluid.

In the working area (from 30° to 60° rotation of the inner segment) they have a linear flow characteristics.

The valves can be fitted with any actuator supplied by Regulus.



TECHNICAL DATA

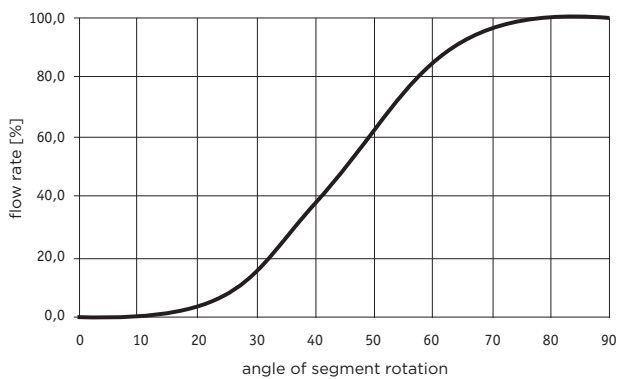
MAX. WORKING PRESSURE	10 bar
FLUID WORKING TEMPERATURE	5 to 110 °C

MATERIALS

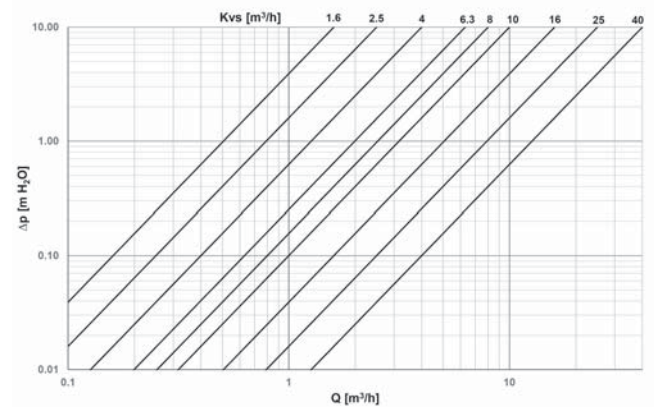
VALVE HOUSING	brass
VALVE SPINDLE	brass
VALVE MEMBER	brass

These valves can be easily converted between a left or right hand version for use in different positions in a heating system.

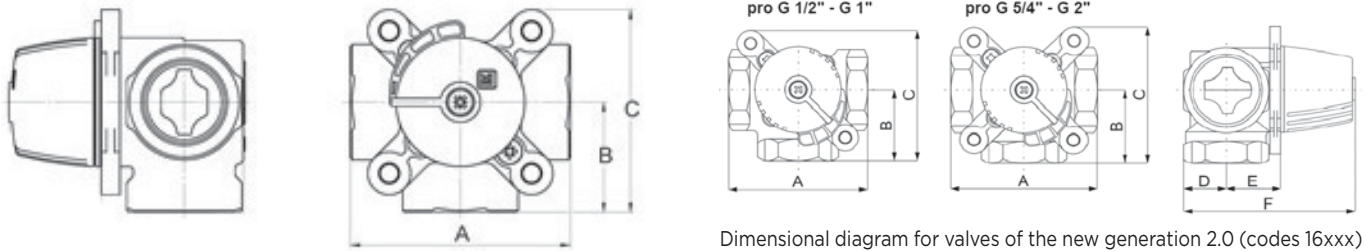
FLOW CHARACTERISTICS



VALVE PRESSURE DROP



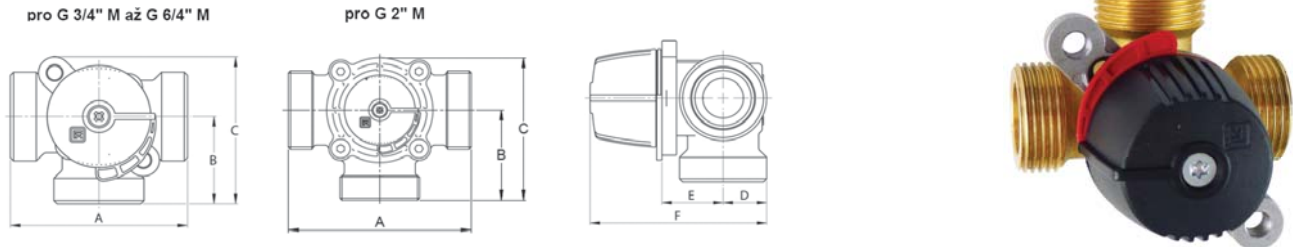
LK840 with internal thread



Dimensional diagram for valves of the new generation 2.0 (codes 16xxx)

CONNECTIONS		1/2" F	1/2" F	3/4" F	3/4" F	1" F	1" F	5/4" F	6/4" F	2" F
A	mm	70	80	70	70	70	70	84	106	106
B	mm	35	40	35	35	35	35	42	53	53
C	mm	63	75	63	63	63	63	77	88	88
WEIGHT	kg	0.5	0.7	0.5	0.5	0.5	0.5	0.8	1.4	1.6
MAX. PRESSURE DIFFERENCE	bar	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
KVS	m ³ /h	1.6	2.5	4.0	6.3	6.3	10.0	16.0	25.0	40.0
CODE		16764	11489	16760	16698	16758	16700	16693	16762	16697

LK840 with outer thread



CONNECTIONS		1" M	1" M	5/4" M	2" M
A	mm	80	80	82	124
B	mm	40	40	41	62
C	mm	68	68	69	97
D	mm	18	18	20	33
E	mm	29	29	29	43
F	mm	81	81	83	110
WEIGHT	kg	0.6	0.6	0.6	1.4
MAX. PRESSURE DIFFERENCE	bar	0.5	1.0	0.5	0.5
KVS	m ³ /h	4.0	6.3	8.0	25.0
CODE	--	16768	18898	18784	16759