

Shut-off valve made of red brass Series C81L



Design type	Shut-off valve in in-line design with packing gland packing, rising stem
Actuation	by handwheel made of aluminium
Connection	G1/2" ...G2" according to ISO228/1
Materials	Body Red brass, Brass spindle CW614N, Spindle seal Graphite, Aluminium handwheel, Seat seal PTFE
Medium temperature	-10...+170°C
Mounting type	Installation in rigid piping system
Operating pressure	Nominal pressure according to pressure-temperature table
Mounting position	any
Application range	Gases and liquids according to table "Fluid groups" that do not attack the materials used

Pressure-temperature table in bar

-20...+100°C	120°C	140°C	170°C
16	13	11	7

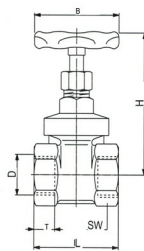
Intermediate values of the maximum operating pressures may be calculated by linear interpolation between the nearest lower and higher temperature values.

Permissible fluid groups according to the Pressure Equipment Directive 2014/68/EU

Anschluss	Gases Group 1	Gases Group 2	Liquids Group 1	Liquids Group 2
G1/2" ...G2"	-	X	X	X



Dimensions



Connection D	Nominal size DN[mm]	PN [bar] up to 100°C	B	H*	L	SW	T	Kv value [m³/h]	Weight [approx. kg]	Type
G1/2"	15	16	55	83	50	29	11	2,3	0,30	C81L-1/2"
G3/4"	20	16	60	95	60	35	12	4,8	0,42	C81L-3/4"
G1"	25	16	65	105	70	42	14,5	7	0,64	C81L-1"
G1 1/4"	32	16	65	125	84	51	15,5	11	0,95	C81L-1 1/4"
G1 1/2"	40	16	75	150	90	58	16	17	1,23	C81L-1 1/2"
G2"	50	16	80	165	110	70	18	25	1,86	C81L-2"

* Height in open position

Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Valves, butterfly valves and gate valves - manually operated / Globe and gate valves / Globe valve Series C81L