

## Sleeve shut-off valves

Eco-Line/PN 10

**Materials:** Housing and top part: Brass, sealing seat: NBR  
**Temperature range:** 0°C to max. +80°C  
**Operating range:** Water, compressed air

Type	G	DN	L	H	R
MUA 12 E	G 1/2"	16	54.5	78	58
MUA 34 E	G 3/4"	16	54.5	78	58
MUA 10 E	G 1"	16	61.0	82	58
MUA 114 E	G 1 1/4"	32	88.5	126	79
MUA 112 E	G 1 1/2"	38	101.0	128	79
MUA 20 E	G 2"	51	117.0	149	85

## Sleeve shut-off valves

PN 16

**Materials:** Housing: Red bronze, top part: Brass, sealing seat: PTFE  
**Temperature range:** Water: 0°C to max. +100°C, saturated steam: 7 bar, to max. +170°C  
**Operating range:** Liquids, air, heating and hydraulic oils, fuels and water

Type	G	DN	L	H	R
MUA 12	G 1/2"	12.5	50	77.5	55
MUA 34	G 3/4"	16.0	60	89.0	60
MUA 10	G 1"	21.5	70	98.5	65
MUA 114	G 1 1/4"	26.5	85	112.7	65
MUA 112	G 1 1/2"	32.0	90	133.0	75
MUA 20	G 2"	41.0	110	141.0	80
MUA 212	G 2 1/2"	58.0	135	208.0	120
MUA 30	G 3"	65.0	148	234.5	120
MUA 40	G 4"	94.5	190	288.0	175

## Stainless steel sleeve shut-off valves

Eco-Line/PN 14

**Materials:** Housing: AISI 316, seal spindle: PTFE, sealing seat: Metallic sealing, hand wheel: Aluminium  
**Temperature range:** -20°C to max. +200°C  
**Operating range:** Liquids, gases, air, heating and hydraulic oils, fuels and water, chemicals  
**Optional:** Certificate 3.1

Type	G	DN	L	H	R	Repl. handwheel
MUA 38 ES E	G 3/8"	10	52	103	70	MUA 38 ES E RAD
MUA 12 ES E	G 1/2"	14	52	103	70	MUA 12 ES E RAD
MUA 34 ES E	G 3/4"	17	66	111	80	MUA 34 ES E RAD
MUA 10 ES E	G 1"	23	76	121	80	MUA 10 ES E RAD
MUA 114 ES E	G 1 1/4"	30	86	156	90	MUA 114 ES E RAD
MUA 112 ES E	G 1 1/2"	30	94	147	90	MUA 112 ES E RAD
MUA 20 ES E	G 2"	43	118	175	100	MUA 20 ES E RAD
MUA 212 ES E	G 2 1/2"	59	150	200	140	MUA 212 ES E RAD

## Swing sleeve shut-off valves (free flow valves), DVGW tested

PN 10\*

**Materials:** Housing and top part: Brass, seal, spindle and sealing seat: EPDM, hand wheel: Polyamide glass fibre reinforced  
**Temperature range:** 0°C to max. +90°C  
**Operating range:** Water, drinking water, neutral liquids

**Advantages:** • Up to G 2" design without any dead space

Type	G	DN	L	H	R	Repl. handwheel
MUA 12 SS	Rp 1/2"	15	65	108	50	MUA 12 SS RAD
MUA 34 SS	Rp 3/4"	20	75	128	70	MUA 34 SS RAD
MUA 10 SS	Rp 1"	25	90	151	70	MUA 10 SS RAD
MUA 114 SS	G 1 1/4"	32	110	168	70	MUA 114 SS RAD
MUA 112 SS	G 1 1/2"	40	120	193	80	MUA 112 SS RAD
MUA 20 SS	G 2"	50	150	236	80	MUA 20 SS RAD
MUA 212 SS	G 2 1/2"	65	180	201	100	MUA 212 SS RAD
MUA 30 SS	G 3"	80	210	222	100	MUA 30 SS RAD

\* test pressure 16 bar

## Stainless steel swing sleeve shut-off valves

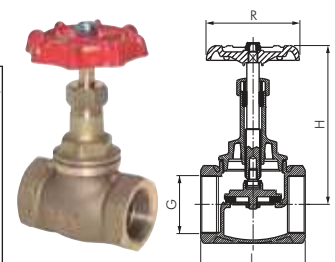
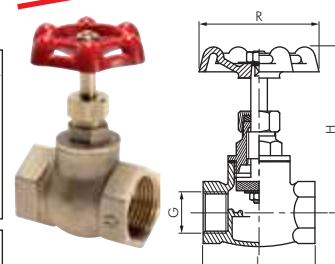
PN 40

**Materials:** Housing: AISI 316, seal, spindle and sealing seat: PTFE, hand wheel: carbon steel  
**Temperature range:** -20°C to max. +200°C  
**Operating range:** Water, oil, compressed air  
**Optional:** Certificate 3.1

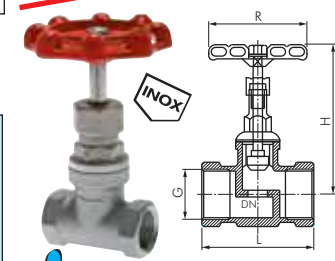
Type	G	DN	L	H	Repl. handwheel
MUA 12 SS ES	G 1/2"	15	61	100	MUA 12 SS ES RAD
MUA 34 SS ES	G 3/4"	20	70	125	MUA 34 SS ES RAD
MUA 10 SS ES	G 1"	25	86	130	MUA 10 SS ES RAD
MUA 114 SS ES*	G 1 1/4"	32	100	165	MUA 114 SS ES RAD
MUA 112 SS ES*	G 1 1/2"	38	111	195	MUA 112 SS ES RAD
MUA 20 SS ES*	G 2"	50	138	210	MUA 20 SS ES RAD

\* only for non-hazardous liquids of fluid group II

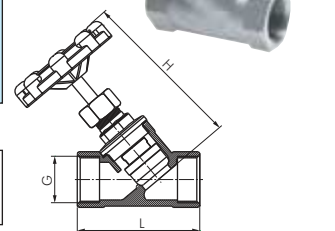
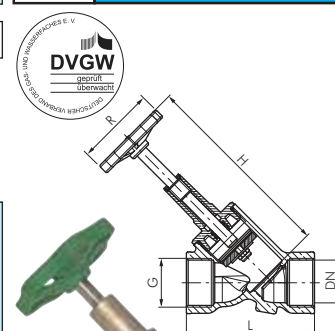
*Especially good value!*



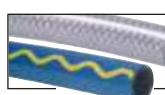
*Especially good value!*



**TIP** Ideal for water lines, as no pressure thrusts when opening!



Threaded nozzles  
from page 64



Compressed air and  
water hoses  
from page 208

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.