



## Non-Return Valves



measuring  
•  
monitoring  
•  
analysing

KUR



- $p_{max}$ : PN25
- $t_{max}$ : +110°C
- Screw thread: G 1/4 ... G 4
- Material:  
Brass, stainless steel



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### Description

KOBOLD KUR model series non-return valves are used wherever it must be ensured that transferred liquids do not flow back against the prescribed direction of travel, such as due to pump shut-off, slope of the piping, self-arising vacuum conditions, etc.

### Design

Two-part screwed body.

### Mounting position

Any, preferably horizontal or vertical; note specified direction of flow.

### Technical Details

Connections

KUR-TD: Female thread G $\frac{3}{8}$ ... G4

KUR-MR: Female thread G $\frac{1}{4}$ ... G3

Nominal pressure: PN 10... PN 25 (see table)

Temperature range: -20°C... +110°C

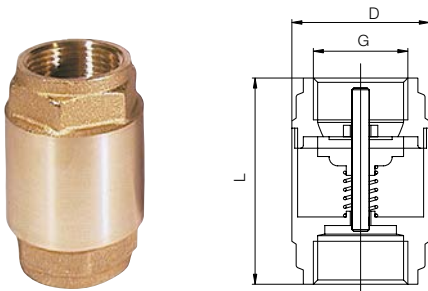
### Materials

Body: KUR-TD: brass Ms 58  
KUR-MR: stainless steel 1.4301

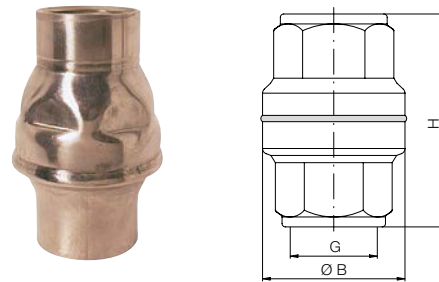
Gasket: KUR-TD: NBR – Delrin  
KUR-MR: FKM

Spring: Stainless steel 1.4310

### KUR-TD



### KUR-MR



### Dimensions and Order Details

#### KUR-TD brass (example: KUR-TDR 10)

Screw thread [G]	Order no.	ØD [mm]	L [mm]	Releasing pressure [bar]	Nominal pressure [PN]	Weight [kg]
$\frac{3}{8}$	KUR-TDR 10	34.5	54	0.025	25	0.2
$\frac{1}{2}$	KUR-TDR 15	34.5	57	0.025	25	0.2
$\frac{3}{4}$	KUR-TDR 20	41.5	64	0.025	25	0.3
1	KUR-TDR 25	48.0	75	0.02	25	0.4
1 $\frac{1}{4}$	KUR-TDR 32	60.5	82	0.03	16	0.6
1 $\frac{1}{2}$	KUR-TDR 40	71.0	93	0.015	16	0.8
2	KUR-TDR 50	87.0	100	0.015	16	1.2
2 $\frac{1}{2}$	KUR-TDR 65	120.0	120	0.01	10	3.6
3	KUR-TDR 80	140.0	140	0.01	10	3.8
4	KUR-TDR 1H	172.0	158	on request	10	4.8

#### KUR-MR stainless steel (example: KUR-MRR 08)

Screw thread [G]	Order no.	ØB [mm]	H [mm]	Releasing pressure [bar]	Nominal pressure [PN]	Weight [kg]
$\frac{1}{4}$	KUR-MRR 08	32	55	0.025	16	0.2
$\frac{3}{8}$	KUR-MRR 10	32	55	0.025	16	0.2
$\frac{1}{2}$	KUR-MRR 15	32	55	0.025	16	0.1
$\frac{3}{4}$	KUR-MRR 20	41	70	0.03	16	0.2
1	KUR-MRR 25	52	79	0.03	16	0.2
1 $\frac{1}{4}$	KUR-MRR 32	67	96	0.03	16	0.4
1 $\frac{1}{2}$	KUR-MRR 40	78	100	0.03	16	0.4
2	KUR-MRR 50	85	118	0.03	16	0.7
2 $\frac{1}{2}$	KUR-MRR 65	107	130	0.03	16	1.2
3	KUR-MRR 80	128	137	0.03	16	1.7