

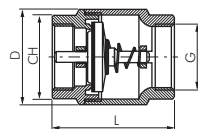
Check valves lightweight designs

up to 12 bar

Materials: Housing: Brass, spring: Stainless steel, seal: NBR, valve: PA 6

Temperature range: -20°C to max. +100°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, compressed air



Type	Type brass	Type nickel-plated	G	L	D	CH	PN	Opening pressure (approx.)
RUCK 38	RUCK 38 MSV E		G 3/8"	46.5	34.5	SW 21	12 bar	0.02 bar
RUCK 12	RUCK 12 MSV E		G 1/2"	47.0	34.5	SW 26	12 bar	0.02 bar
RUCK 34	RUCK 34 MSV E		G 3/4"	53.0	42.0	SW 32	12 bar	0.02 bar
RUCK 10	RUCK 10 MSV E		G 1"	60.5	47.5	SW 39	12 bar	0.02 bar
RUCK 114	RUCK 114 MSV E		G 1 1/4"	66.5	59.5	SW 47	10 bar	0.02 bar
RUCK 112	RUCK 112 MSV E		G 1 1/2"	74.0	70.5	SW 55	10 bar	0.02 bar
RUCK 20	RUCK 20 MSV E		G 2"	80.0	86.0	SW 66	10 bar	0.02 bar
RUCK 212	RUCK 212 MSV E		G 2 1/2"	98.0	102.0	SW 83	8 bar	0.02 bar
RUCK 30	RUCK 30 MSV E		G 3"	103.0	125.0	SW 96	8 bar	0.02 bar
RUCK 40	RUCK 40 MSV E		G 4"	118.5	154.0	SW 123	8 bar	0.02 bar

Stainless steel check valves lightweight designs

PN 16

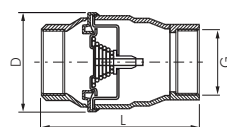
Materials: Housing: Stainless steel, seal: FKM, guiding ring: PTFE

Temperature range: -20°C to max. +150°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, compressed air



INOX



Type	Type	G	L	D	Opening pressure (approx.)
RUCK 14 ES	RUCK 14 ES 4A	G 1/4"	55	32	0.03 bar
RUCK 38 ES	RUCK 38 ES 4A	G 3/8"	55	32	0.03 bar
RUCK 12 ES	RUCK 12 ES 4A	G 1/2"	55	32	0.03 bar
RUCK 34 ES*	RUCK 34 ES 4A	G 3/4"	70	44	0.03 bar
RUCK 10 ES*	RUCK 10 ES 4A	G 1"	84	53	0.03 bar
RUCK 114 ES*	RUCK 114 ES 4A	G 1 1/4"	99	62	0.03 bar
RUCK 112 ES*	RUCK 112 ES 4A	G 1 1/2"	119	78	0.03 bar
RUCK 20 ES*	RUCK 20 ES 4A	G 2"	123	89	0.03 bar
RUCK 212 ES**	RUCK 212 ES 4A**	G 2 1/2"	147	113	0.03 bar
RUCK 30 ES**	RUCK 30 ES 4A**	G 3"	166	132	0.03 bar
RUCK 40 ES**	RUCK 40 ES 4A**	G 4"	193	167	0.03 bar

* optional: NPT thread -NPT

** for liquids only

Order example: RUCK 34 ES **

Standard type

Designation for the options:
NPT thread-NPT

Foot valves lightweight designs

Materials: Housing: Brass, spring: Stainless steel, seal: NBR, valve: PA 6, strainer: Threaded part: Nylon 6, filter: AISI 304

Temperature range: -20°C to max. +100°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils

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Type	G	Open. press. (approx.)	Type	G	Open. press. (approx.)
FU 38 MS	G 3/8"	0.02 bar	FU 112 MS	G 1 1/2"	0.02 bar
FU 12 MS	G 1/2"	0.02 bar	FU 20 MS	G 2"	0.02 bar
FU 34 MS	G 3/4"	0.02 bar	FU 212 MS	G 2 1/2"	0.02 bar
FU 10 MS	G 1"	0.02 bar	FU 30 MS	G 3"	0.02 bar
FU 114 MS	G 1 1/4"	0.02 bar	FU 40 MS	G 4"	0.02 bar

Stainless steel foot valves lightweight designs

Materials: Housing: AISI 304, seal: FKM, strainer: Threaded part and screen: AISI 316

Temperature range: -20°C to max. +150°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils

INOX



Type	G	Open. press. (approx.)	Type	G	Open. press. (approx.)
FU 38 ES	G 3/8"	0.25 bar	FU 112 ES	G 1 1/2"	0.03 bar
FU 12 ES	G 1/2"	0.25 bar	FU 20 ES	G 2"	0.03 bar
FU 34 ES	G 3/4"	0.35 bar	FU 212 ES	G 2 1/2"	0.03 bar
FU 10 ES	G 1"	0.35 bar	FU 30 ES	G 3"	0.03 bar
FU 114 ES	G 1 1/4"	0.40 bar	FU 40 ES	G 4"	0.03 bar