

1. Content

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2. Articulenumber and technical data

Stainless steel check valves of lightweight design

PN 16



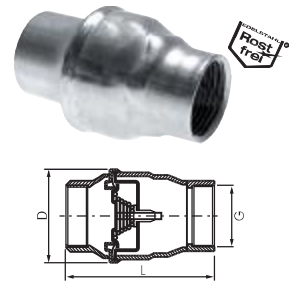
Materials: Housing: stainless steel, seal: FKM, guiding ring: PTFE

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

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

Type	Type	G	L	D	opening-pressure (ca.)
1.4301 RUCK 14 ES	1.4401 RUCK 14 ES 4A	G 1/4"	56	32	0,03 bar
RUCK 38 ES	RUCK 38 ES 4A	G 3/8"	56	32	0,03 bar
RUCK 12 ES	RUCK 12 ES 4A	G 1/2"	56	32	0,03 bar
RUCK 34 ES*	RUCK 34 ES 4A	G 3/4"	67	45	0,03 bar
RUCK 10 ES*	RUCK 10 ES 4A	G 1"	83	53	0,03 bar
RUCK 114 ES*	RUCK 114 ES 4A	G 1 1/4"	97	66	0,03 bar
RUCK 112 ES*	RUCK 112 ES 4A	G 1 1/2"	115	79	0,03 bar
RUCK 20 ES*	RUCK 20 ES 4A	G 2"	121	89	0,03 bar
---	RUCK 212 ES 4A**	G 2 1/2"	142	113	0,03 bar
---	RUCK 30 ES 4A**	G 3"	160	132	0,03 bar
---	RUCK 40 ES 4A**	G 4"	191	168	0,03 bar

* Optional: NPT thread -NPT, ** for liquids only



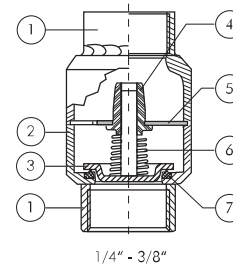
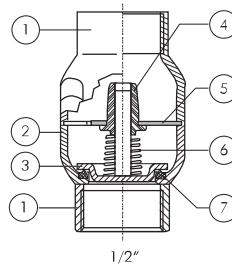
Ordering example: RUCK 34 ES **

Standardtype

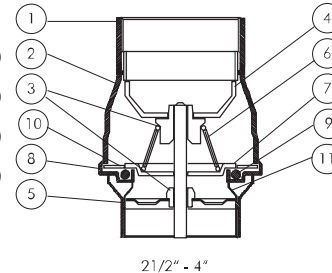
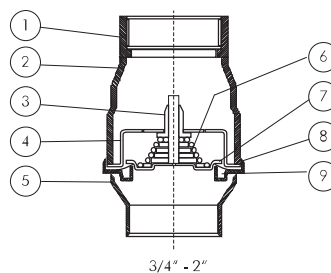
Optional:
NPT-Thread -NPT

3. Part number

Part number	Components
1	Threaded ends
2	Body valve
3	Flow control disk
4	Guide bush
5	Bush support
6	Spring
7	Seal ring



Part number	Components
1	Outlet end
2	Valve body
3	Guide bush
4	Flow control disk guide
5	Inlet end
6	Spring
7	Flow control disk
8	Seal ring housing
9	Seal ring
10	Seal ring retainer
11	Seal ring support

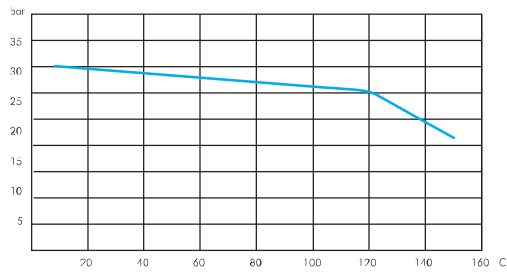


Alle Angaben verstehen sich als unverbindliche Richtwerte! Für nicht schriftlich bestätigte Datenauswahl übernehmen wir keine Haftung. Druckangaben beziehen sich, soweit nicht anders angegeben, auf Flüssigkeiten der Gruppe II bei -20°C.

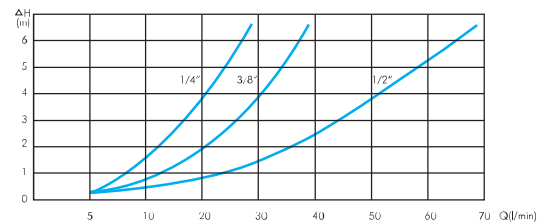


4. Diagrams

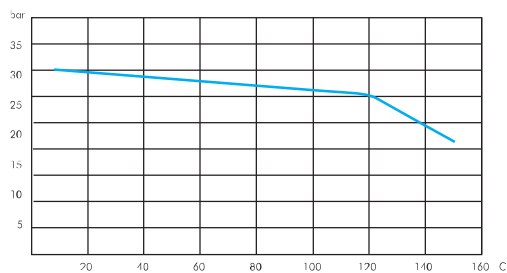
Pressure-temperature-diagram RUCK 14/38/12 ES / ES 4A



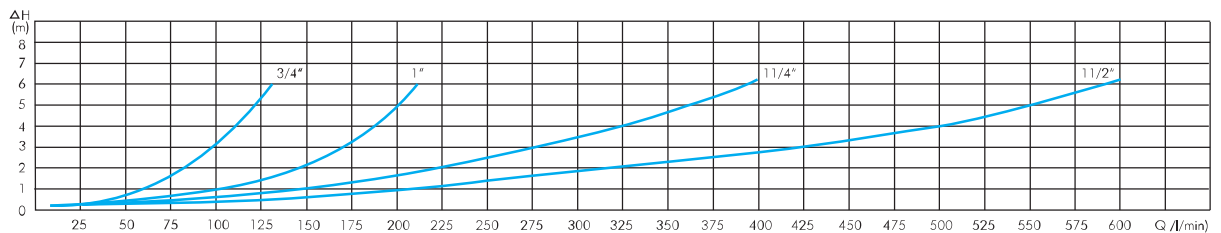
Friction losses diagram RUCK 14/38/12 ES / ES 4A



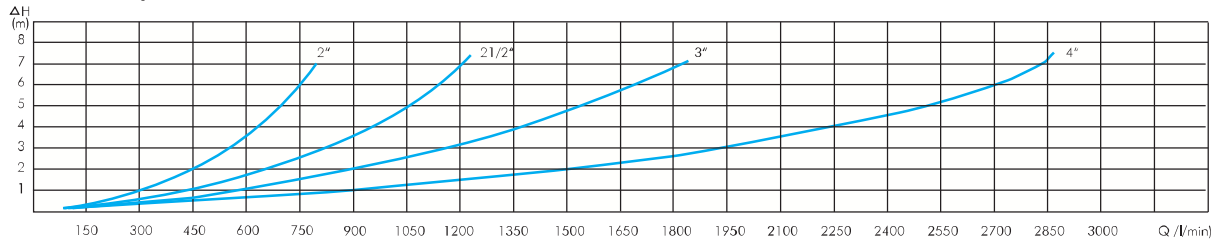
Pressure-temperature-diagram RUCK 34 bis 40 ES / ES 4A



Friction losses diagram RUCK 34/10/114/112 ES / ES 4A



Friction losses diagram RUCK 20/212/30/40 ES / ES 4A



No responsibility is taken for the correctness of this information.

