

## Hydraulic check valves

up to 350 bar

Materials: Housing: Carbon steel zinc-plated, seals: Metallic sealing cone seat

Temperature range: -25°C to max. +200°C

Optional: Opening pressures (from G 1/4"): 1.0 bar -1, 3.0 bar -3, 5.0 bar -5, 8.0 bar -8

Type	G	L	SW	DN	PN	Opening pressure
RUCK 18 HD	G 1/8"	44	14	4	350 bar	0.4-0.7 bar
RUCK 14 HD	G 1/4"	62	19	6	350 bar	0.4-0.7 bar
RUCK 38 HD	G 3/8"	68	24	9	350 bar	0.4-0.7 bar
RUCK 12 HD	G 1/2"	77	30	12	350 bar	0.4-0.7 bar
RUCK 34 HD	G 3/4"	88	36	16	350 bar	0.4-0.7 bar
RUCK 10 HD	G 1"	105	41	20	350 bar	0.4-0.7 bar
RUCK 114 HD	G 1 1/4"	135	55	24	300 bar	0.7-1.0 bar
RUCK 112 HD	G 1 1/2"	145	65	30	300 bar	0.7-1.0 bar
RUCK 20 HD	G 2"	160	75	40	200 bar	0.3 bar

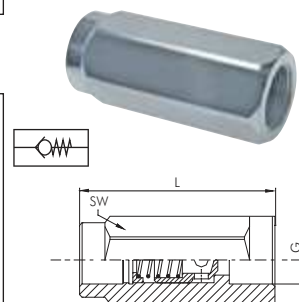
! In your order please enter the required opening pressure here!

Order example: RUCK 18 HD \*\*

Standard type

Designation for the options:

Required opening pressure ..... bar



## Stainless steel hydraulic check valves

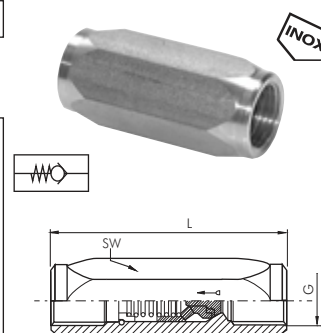
up to 350 bar

Materials: Housing: AISI 316L, seal: Cone seat with FKM soft seal

Temperature range: -25°C to max. +200°C

Opening pressure: Approx. 0.5 bar, other opening pressures on request

Type	G	L	SW	DN	PN
RUCK 18 HD ES	G 1/8"	43	14	5	350 bar
RUCK 14 HD ES	G 1/4"	50	19	7	350 bar
RUCK 38 HD ES	G 3/8"	60	24	10	350 bar
RUCK 12 HD ES	G 1/2"	65	27	11	350 bar
RUCK 34 HD ES	G 3/4"	75	34	17	300 bar
RUCK 10 HD ES	G 1"	93	41	21	250 bar
RUCK 114 HD ES	G 1 1/4"	110	50	29	250 bar
RUCK 112 HD ES	G 1 1/2"	112	55	34	250 bar



## Check valves with cutting ring connections

Materials: Type zinc-plated steel: Seal made of NBR, Type AISI 316Ti: Seal made of FKM

Temperature range: Type zinc-plated steel: -20°C to max. +100°C, Type AISI 316Ti: -20°C to max. +200°C

Opening pressure: Approx. 1 bar (±20%)

Optional: Open. press.: (steel: 0.5 bar -0.5, 2.0 bar -2, 2.5 bar<sup>1)</sup> -2.5, 3.0 bar<sup>2)</sup> -3)

Type zinc-plated steel	Type AISI 316Ti	Type compr. ring AISI 316Ti (NC)	Tube Ø external	PN
<b>Light model series</b>				
RHD 6 L	RHD 6 L ES	RHD 6 L NC	6 L	250 bar
RHD 8 L	RHD 8 L ES	RHD 8 L NC	8 L	250 bar
RHD 10 L	RHD 10 L ES	RHD 10 L NC	10 L	250 bar
RHD 12 L	RHD 12 L ES	RHD 12 L NC	12 L	250 bar
RHD 15 L	RHD 15 L ES	RHD 15 L NC	15 L	250 bar
RHD 18 L	RHD 18 L ES	RHD 18 L NC	18 L	160 bar
RHD 22 L	RHD 22 L ES	RHD 22 L NC	22 L	160 bar
RHD 28 L	RHD 28 L ES	---	28 L	100 bar
RHD 35 L	RHD 35 L ES	---	35 L	100 bar
RHD 42 L	RHD 42 L ES	---	42 L	100 bar
<b>Heavy duty model series</b>				
RHD 6 S	RHD 6 S ES	RHD 6 S NC	6 S	400 bar
RHD 8 S	RHD 8 S ES	RHD 8 S NC	8 S	400 bar
RHD 10 S	RHD 10 S ES	RHD 10 S NC	10 S	400 bar
RHD 12 S	RHD 12 S ES	RHD 12 S NC	12 S	400 bar
RHD 14 S	RHD 14 S ES	RHD 14 S NC	14 S	400 bar
RHD 16 S	RHD 16 S ES	RHD 16 S NC	16 S	400 bar
RHD 20 S	RHD 20 S ES	RHD 20 S NC	20 S	400 bar
RHD 25 S	RHD 25 S ES	RHD 25 S NC	25 S	250 bar
RHD 30 S	RHD 30 S ES	---	30 S	250 bar
RHD 38 S	RHD 38 S ES	---	38 S	250 bar

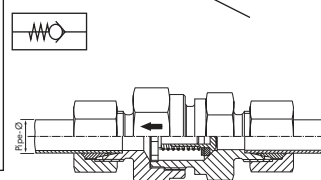
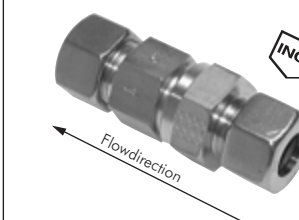
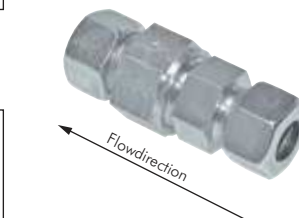
! In your order please enter the required opening pressure here!

Order example: RHD 6 L \*\*

Standard type

Designation for the options:

Required opening pressure ..... bar



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.