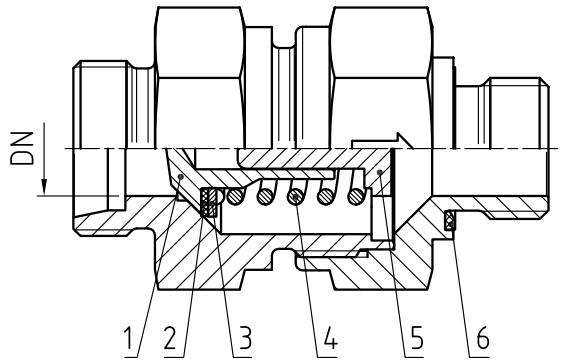
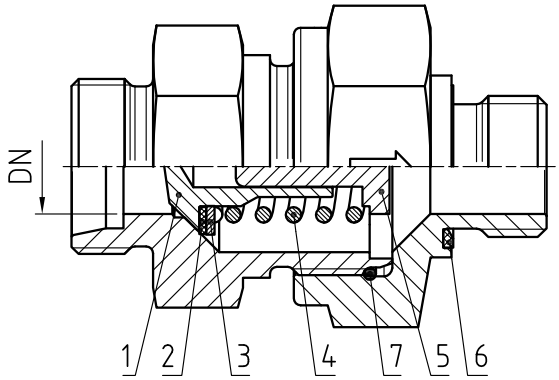
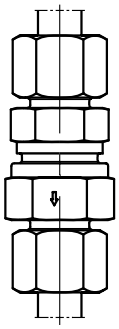
RHD/V/Z non return valve

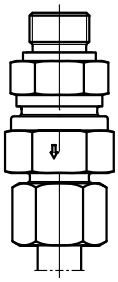


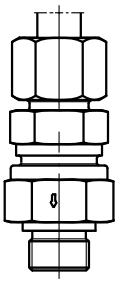
Design with sealing edge:
Size 06L and 08L / 06S and 08S
and all sizes in stainless steel with a PTFDE sealing disc.



Design with O-ring (item. 7):
Sizes 10L, 12L, 15L, 18L, 22L, 28L, 35L and 42L
as well as 10S, 12S, 14S, 16S, 20S, 25S, 30S and 38S with a sealing disc out of NBR (steel) or FKM (stainless steel).


RHD


RHV


RHZ

1: poppet
2: sealing disc
3: cover disc
4: spring
5: passage disc
6: Eolastic-sealing
7: O-ring

DN = Nominal diameter (mm)

Characteristics:

Poppet check valve with a 90° valve seat with an elastomere sealing disc. Poppet stop for controlled valve opening. Damped opening action to minimize shock and noise. No reduction of cross section. Maximum flow velocity not more than 8 m/sec. Sealing of male stud thread by Eolastic soft seal with types RHV and RHZ.

Opening pressure:

Standard 1 bar (on request also 0.2, 0.5, 2, 3, 4, 5 and 6 bar are available; please specify on order). For working pressure see appropriate tables. Cracking pressure tolerance: ± 20 %.

Material:

- Steel zinc-plated (CF Cr[VI]-free), seals in NBR (e.g. Perbunan), or (FKM) on request.

Perbunan = registered trademark of Bayer

- Stainless steel valves have FKM as standard.

(Up to 3 bar cracking pressure)

- Brass-valves (CuZn35Ni2 2.0540) with internals (1.4571) available on request.
  (Up to 3 bar cracking pressure)

Assembly:

See assembly instructions for EO/EO 2 connections.
Non-return valves are all packaged against contamination.

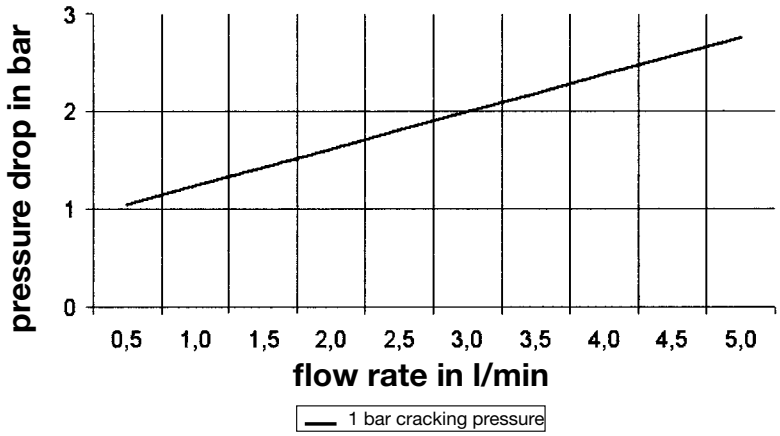
Media:

Hydraulic oil, low flammability hydraulic fluids (excent for types HFC: for HFD types; FKM seals are necessary). Air pressure tested (please indicate on order). Not suitable for steam, combustible/explosive gases, or oxygen.
For water applications, please consult Parker with details of water and any additives.

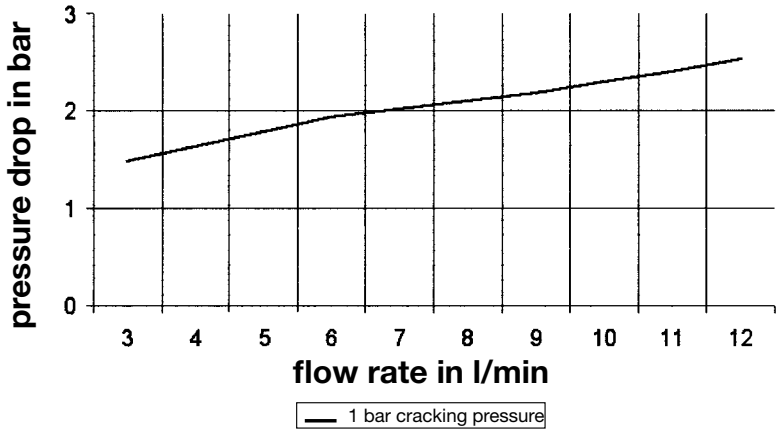
P

In all diagrams is the peak value of the flow rate in l/min. relating to the maximum permissible flow velocity of 8 m/sec.

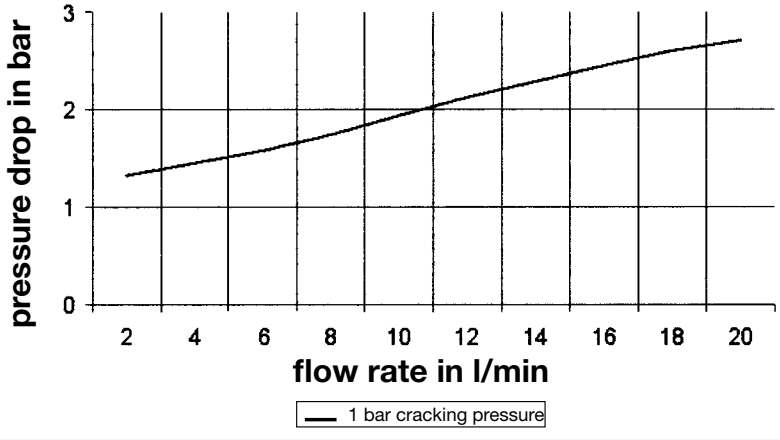
pressure drop tube O.D. 06L/06+08S; size 4;
female BSPP 1/8, 1/4; RVP 13; DN 3.5



pressure drop tube O.D. 8L/10S; size 5;
RVP 16; DN 5.5

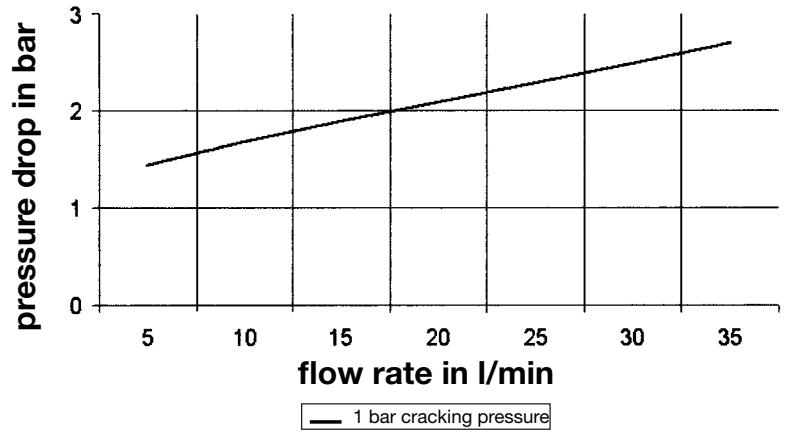


pressure drop tube O.D. 10L/12S; size 6
female BSPP 3/8; RVP 20; DN 7.5

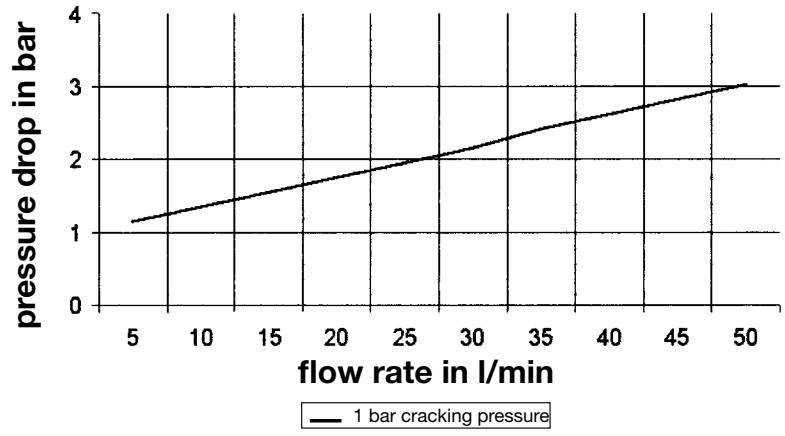


In all diagrams is the peak value of the flow rate in l/min. relating to the maximum permissible flow velocity of 8 m/sec.

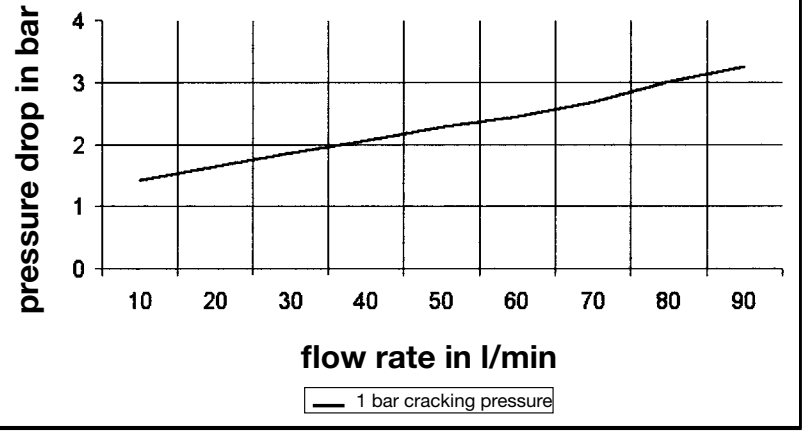
pressure drop tube O.D. 12L/14S; size 8; RVP 24; DN 9.5



pressure drop tube O.D. 15L/16S; size 10; female BSPP $^1/_2$; RVP 27; DN 11.5



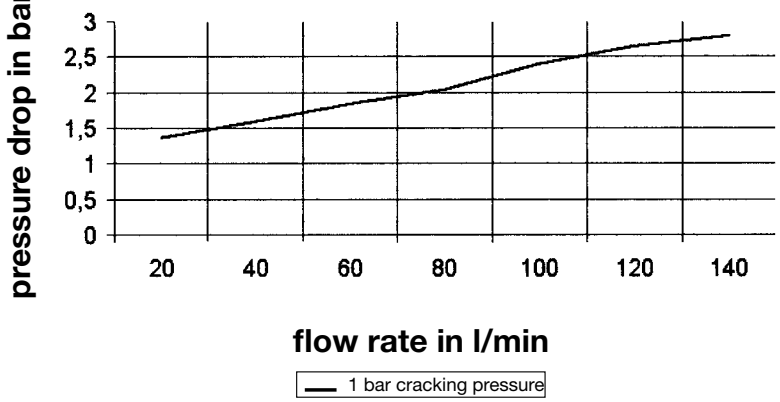
pressure drop tube O.D. 18L/20S; size 12; female BSPP $^3/_4$; RVP 35; DN 15.0



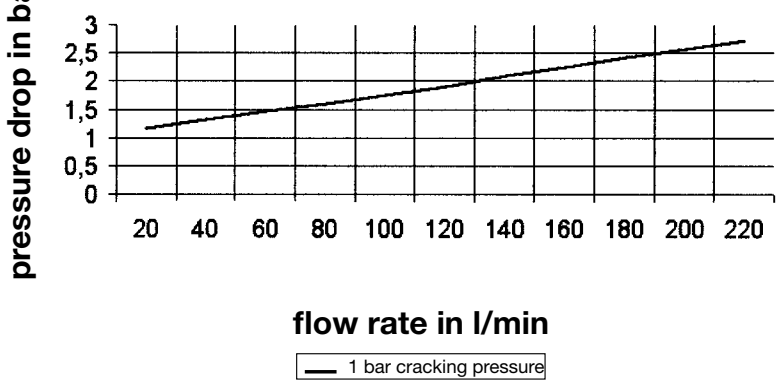
P

In all diagrams is the peak value of the flow rate in l/min. relating to the maximum permissible flow velocity of 8 m/sec.

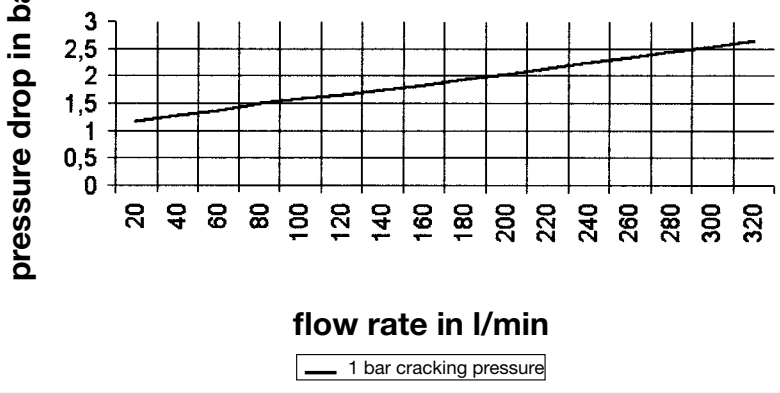
pressure drop tube O.D. 22L/25S; size 16;
female BSPP 1; RVP 40; DN 19



pressure drop tube O.D. 28L/30S; size 20;
female BSPP $1^1/_4$; RVP 47; DN 24

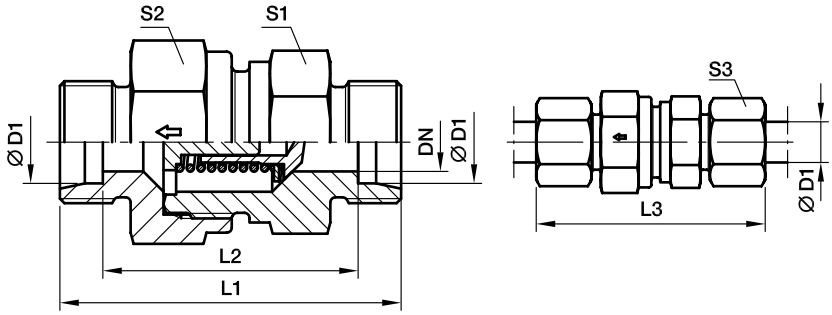


pressure drop tube O.D. 35+42L/38S; size 24;
female BSPP $1^1/_2$; RVP 55; DN 29



RHD Non return valve

EO 24° cone end / EO 24° cone end



Series	D1	CF DN	71 DN	CF L1	71 L1	L2	L3	S1	CF S2	71 S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	PN (bar)[1] 71
L[3]	06	3.5	3.5	43.0	43.0	29.0	58.0	17	17	17	14	46	**RHD06LOMD**	400	250
	08	5.5	5.5	44.0	44,9	30.0	59.0	19	19	19	17	61	**RHD08LOMD**	400	250
	10	7.5	7.5	55.0	54.5	40.5	69.5	22	24	24	19	104	**RHD10LOMD**	400	250
	12	9.5	9.5	58.0	57.5	43.5	72.5	27	30	30	22	166	**RHD12LOMD**	400	250
	15	11.0	11.5	62.0	61.5	47.5	77.5	27	32	32	27	192	**RHD15LOMD**	400	250
	18	14.0	14.0	67.0	66.5	51.5	83.5	36	41	36	32	292	**RHD18LOMD**	400	160
	22	18.0	18.0	77.0	76.5	61.5	93.5	41	46	46	36	472	**RHD22LOMD**	250	160
	28	23.0	23.0	85.0	84.5	69.5	102.5	50	55	55	41	746	**RHD28LOMD**	250	100
	35	29.0	29.0	96.0	95.5	74.5	117.5	60	65	60	50	1062	**RHD35LOMD**	250	100
	42	29.0	29.0	96.0	96.0	74.0	119.0	65	70	70	60	1518	**RHD42LOMD**	250	100
S[4]	06	3.5	3.5	48.5	48.5	34.5	63.5	19	19	19	17	70	**RHD06SOMD**	420	400
	08	3.5	3.5	48.5	48.5	34.5	63.5	19	19	19	19	74	**RHD08SOMD**	420	400
	10	5.5	5.5	55.5	55.5	40.5	72.5	22	24	24	22	121	**RHD10SOMD**	420	400
	12	7.5	7.5	57.5	57.5	42.5	74.5	24	27	27	24	148	**RHD12SOMD**	420	400
	14	9.5	9.5	64.0	63.5	47.5	82.5	27	32	32	27	218	**RHD14SOMD**	420	315
	16	11.0	11.5	68.0	67.5	50.5	86.5	32	36	36	30	286	**RHD16SOMD**	420	315
	20	15.0	15.0	76.0	75.5	54.5	97.5	41	50	46	36	506	**RHD20SOMD**	420	250
	25	19.0	19.0	83.0	82.5	58.5	106.5	46	55	50	46	639	**RHD25SOMD**	420	250
	30	24.0	24.0	97.0	96.5	69.5	122.5	60	60	60	50	1157	**RHD30SOMD**	250	250
	38	29.0	29.0	108.0	107.5	75.5	136.5	65	70	70	60	1650	**RHD38SOMD**	250	250

[1] Pressure shown = item deliverable

[3] L = light series; [4] S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

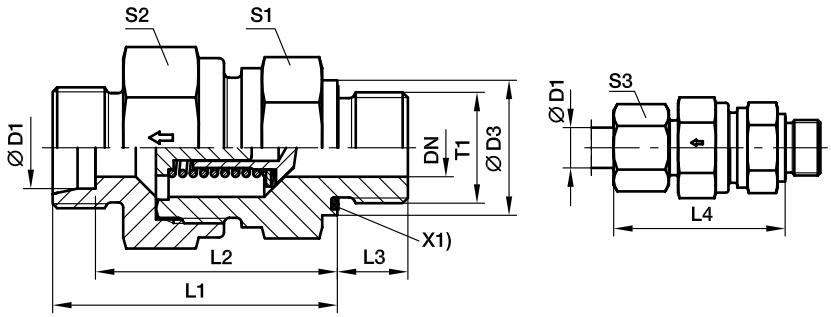
P

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHD06LOMDCF	NBR
Stainless steel	71	RHD06LOMD71	VIT

RHV-R-ED Non return valve

EO 24° cone end / Male BSPP thread – ED-seal (ISO 1179)



X1) Eolastic sealing

Series	D1	T1	CF DN	71 DN	D3	CF L1	71 L1	L2	L3	L4	S1	CF S2	71 S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	PN (bar)[1] 71
L[3]	06	G 1/8 A	3.5	3.5	14	35.0	35.0	28.0	8	42.5	17	17	17	14	47	**RHV06LREDOMD**	400	250
	08	G 1/4 A	5.5	5.5	19	37.0	37.0	30.0	12	44.5	19	19	19	17	62	**RHV08LREDOMD**	400	250
	10	G 1/4 A	7.5	7.5	19	46.0	45.5	38.5	12	53.0	22	24	24	19	105	**RHV10LREDOMD**	400	250
	12	G 3/8 A	9.5	9.5	22	50.0	49.5	42.5	12	57.0	27	30	30	22	175	**RHV12LREDOMD**	400	250
	15	G 1/2 A	11.0	11.5	27	53.0	52.5	45.5	14	60.5	27	32	32	27	205	**RHV15LREDOMD**	400	250
	18	G 1/2 A	14.0	14.0	27	58.0	57.5	50.0	14	66.0	36	41	36	32	294	**RHV18LREDOMD**	400	160
	22	G 3/4 A	18.0	18.0	32	63.0	62.5	55.0	16	71.0	41	46	46	36	450	**RHV22LREDOMD**	250	160
	28	G 1 A	23.0	23.0	40	71.0	70.5	63.0	18	79.5	50	55	55	41	720	**RHV28LREDOMD**	250	100
	35	G 1 1/4 A	29.0	29.0	50	80.0	79.5	69.0	20	90.5	60	65	60	50	1050	**RHV35LREDOMD**	250	100
	42	G 1 1/2 A	29.0	29.0	55	80.0	79.5	68.5	22	91.0	65	70	70	60	1560	**RHV42LREDOMD**	250	100
S[4]	06	G 1/4 A	3.5	3.5	19	38.5	38.5	31.5	12	46.0	19	19	19	17	73	**RHV06SREDOMD**	420	400
	08	G 1/4 A	3.5	3.5	19	38.5	38.5	31.5	12	46.0	19	19	19	19	79	**RHV08SREDOMD**	420	400
	10	G 3/8 A	5.5	5.5	22	45.5	45.5	38.0	12	54.0	22	24	24	22	132	**RHV10SREDOMD**	420	400
	12	G 3/8 A	7.5	7.5	22	48.5	48.5	41.0	12	57.0	24	27	27	24	153	**RHV12SREDOMD**	420	400
	14	G 1/2 A	9.5	9.5	27	53.0	52.5	44.5	14	62.0	27	32	32	27	230	**RHV14SREDOMD**	420	315
	16	G 1/2 A	11.0	11.5	27	57.0	56.5	48.0	14	66.0	32	36	36	30	293	**RHV16SREDOMD**	420	315
	20	G 3/4 A	15.0	15.0	32	63.0	62.5	52.0	16	73.5	41	50	46	36	511	**RHV20SREDOMD**	420	250
	25	G 1 A	19.0	19.0	40	67.0	66.5	54.5	18	78.5	46	55	50	46	648	**RHV25SREDOMD**	420	250
	30	G 1 1/4 A	24.0	24.0	50	78.0	77.5	64.0	20	90.5	60	60	60	50	1176	**RHV30SREDOMD**	250	250
	38	G 1 1/2 A	29.0	29.0	55	86.0	85.5	69.5	22	100.0	65	70	70	60	1624	**RHV38SREDOMD**	250	250

[1] Pressure shown = item deliverable

[3] L = light series; [4] S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

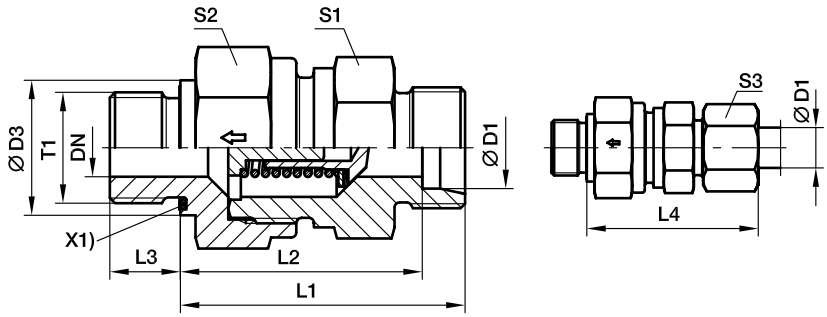
Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHV06LREDOMDCF	NBR
Stainless steel	71	RHV06LREDOMD71	VIT

RHZ-R-ED Non return valve

Male BSPP thread – ED-seal (ISO 1179) / EO 24° cone end



X1) Eolastic sealing

Series	D1	T1	CF DN	71 DN	D3	CF L1	71 L1	L2	L3	L4	S1	CF S2	71 S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	PN (bar)[1] 71
L[3]	06	G 1/8 A	3.5	3.5	14	33.5	–	26.5	8	41.0	17	17	17	14	44	**RHZ06LREDOMD**	400	250
	08	G 1/4 A	5.5	5.5	19	35.5	–	28.5	12	43.0	19	19	19	17	59	**RHZ08LREDOMD**	400	250
	10	G 1/4 A	7.5	7.5	19	46.0	–	38.5	12	53.0	22	24	24	19	125	**RHZ10LREDOMD**	400	250
	12	G 3/8 A	9.5	9.5	22	48.0	–	40.5	12	55.0	27	30	30	22	161	**RHZ12LREDOMD**	400	250
	15	G 1/2 A	11.0	11.5	27	50.0	–	42.5	14	57.5	27	32	32	27	186	**RHZ15LREDOMD**	400	250
	18	G 1/2 A	14.0	14.0	27	56.0	–	48.0	14	64.0	36	41	36	32	275	**RHZ18LREDOMD**	400	160
	22	G 3/4 A	18.0	18.0	32	64.0	–	56.0	16	72.0	41	46	46	36	463	**RHZ22LREDOMD**	250	160
	28	G 1 A	23.0	23.0	40	72.0	–	64.0	18	80.5	50	55	55	41	721	**RHZ28LREDOMD**	250	100
	35	G 1 1/4 A	29.0	29.0	50	81.0	–	70.0	20	91.5	60	65	60	50	1073	**RHZ35LREDOMD**	250	100
	42	G 1 1/2 A	29.0	29.0	55	82.0	–	70.5	22	93.0	65	70	70	60	1602	**RHZ42LREDOMD**	250	100
S[4]	06	G 1/4 A	3.5	3.5	19	38.5	–	31.5	12	46.0	19	19	19	17	71	**RHZ06SREDOMD**	420	400
	08	G 1/4 A	3.5	3.5	19	38.5	–	31.5	12	46.0	19	19	19	19	74	**RHZ08SREDOMD**	420	400
	10	G 3/8 A	5.5	5.5	22	45.5	–	38.0	12	54.0	22	24	24	22	128	**RHZ10SREDOMD**	420	400
	12	G 3/8 A	7.5	7.5	22	48.5	–	41.0	12	57.0	24	27	27	24	152	**RHZ12SREDOMD**	420	400
	14	G 1/2 A	9.5	9.5	27	52.0	–	43.5	14	61.0	27	32	32	27	223	**RHZ14SREDOMD**	420	315
	16	G 1/2 A	11.0	11.5	27	55.0	–	46.0	14	64.0	32	36	36	30	275	**RHZ16SREDOMD**	420	315
	20	G 3/4 A	15.0	15.0	32	61.0	–	50.0	16	71.5	41	50	46	36	490	**RHZ20SREDOMD**	420	250
	25	G 1 A	19.0	19.0	40	67.0	–	54.5	18	78.5	50	55	50	46	647	**RHZ25SREDOMD**	420	250
	30	G 1 1/4 A	24.0	24.0	50	78.0	–	64.0	20	90.5	55	60	60	50	1180	**RHZ30SREDOMD**	250	250
	38	G 1 1/2 A	29.0	29.0	55	88.0	–	71.5	22	102.0	65	70	70	60	1670	**RHZ38SREDOMD**	250	250

[1] Pressure shown = item deliverable

[3] L = light series; [4] S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

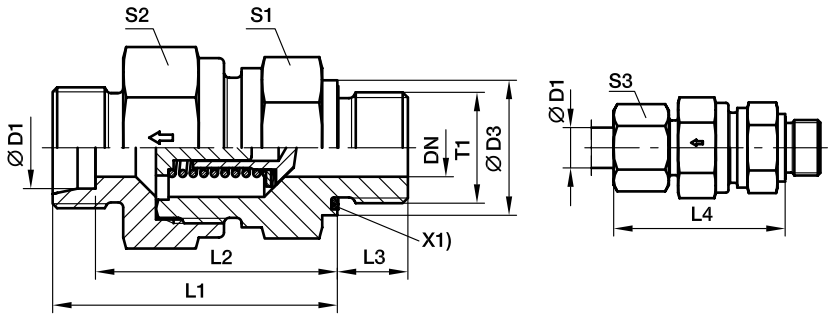
P

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHZ06LREDOMDCF	NBR
Stainless steel	71	RHZ06LREDOMD71	VIT

RHV-M-ED Non return valve

EO 24° cone end / Male metric thread – ED-seal (ISO 9974)



X1) Eolastic sealing

Series	D1	T1	CF DN	71 DN	D3	CF L1	71 L1	L2	L3	L4	S1	CF S2	71 S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	PN (bar)[1] 71
L[3]	06	M 10×1.0	3.5	3.5	14	35.0	–	28.0	8	42.5	17	17	17	14	46	**RHV06LMEDOMD**	400	250
	08	M 12×1.5	5.5	5.5	17	36.0	–	29.0	12	43.5	19	19	19	17	58	**RHV08LMEDOMD**	400	250
	10	M 14×1.5	7.5	7.5	19	45.5	–	38.5	12	53.0	22	24	34	19	108	**RHV10LMEDOMD**	400	250
	12	M 16×1.5	9.5	9.5	22	49.5	–	42.5	12	57.0	27	30	30	22	173	**RHV12LMEDOMD**	400	250
	15	M 18×1.5	11.0	11.5	24	52.5	–	45.5	12	60.5	27	32	32	27	192	**RHV15LMEDOMD**	400	250
	18	M 22×1.5	14.0	14.0	27	56.0	–	50.0	14	66.0	36	41	36	32	298	**RHV18LMEDOMD**	400	160
	22	M 26×1.5	18.0	18.0	32	64.0	–	55.0	16	71.0	41	46	46	36	446	**RHV22LMEDOMD**	250	160
	28	M 33×2.0	23.0	23.0	40	72.0	–	63.0	18	79.5	50	55	55	41	722	**RHV28LMEDOMD**	250	100
	35	M 42×2.0	29.0	29.0	50	81.0	–	69.0	20	90.5	60	65	60	50	1053	**RHV35LMEDOMD**	250	100
	42	M 48×2.0	29.0	29.0	55	82.0	–	68.5	22	91.0	65	70	70	60	1563	**RHV42LMEDOMD**	250	100
S[4]	06	M 12×1.5	3.5	3.5	17	38.5	–	31.5	12	46.0	19	19	19	17	70	**RHV06SMEDOMD**	420	400
	08	M 14×1.5	3.5	3.5	19	38.5	–	31.5	12	46.0	19	19	19	19	76	**RHV08SMEDOMD**	420	400
	10	M 16×1.5	5.5	5.5	22	45.5	–	38.0	12	54.0	22	24	24	22	124	**RHV10SMEDOMD**	420	400
	12	M 18×1.5	7.5	7.5	24	48.5	–	41.0	12	57.0	24	27	27	24	157	**RHV12SMEDOMD**	420	400
	14	M 20×1.5	9.5	9.5	26	52.5	–	44.5	14	62.0	27	32	32	27	215	**RHV14SMEDOMD**	420	315
	16	M 22×1.5	11.0	11.5	27	55.0	–	48.0	14	66.0	32	36	36	30	296	**RHV16SMEDOMD**	420	315
	20	M 27×2.0	15.0	15.0	32	61.0	–	52.0	16	73.5	41	50	46	36	521	**RHV20SMEDOMD**	420	250
	25	M 33×2.0	19.0	19.0	40	67.0	–	54.5	18	78.5	46	55	50	46	648	**RHV25SMEDOMD**	420	250
	30	M 42×2.0	24.0	24.0	50	78.0	–	64.0	20	90.5	60	60	60	50	1178	**RHV30SMEDOMD**	250	250
	38	M 48×2.0	29.0	29.0	55	88.0	–	69.5	22	100.0	65	70	70	60	1627	**RHV38SMEDOMD**	250	250

[1] Pressure shown = item deliverable

[3] L = light series; [4] S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

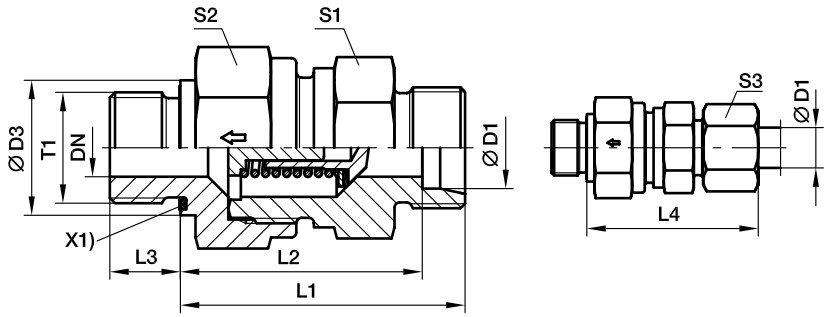
Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHV06LMEDOMDCF	NBR
Stainless steel	71	RHV06LMEDOMD71	VIT

RHZ-M-ED Non return valve

Male metric thread – ED-seal (ISO 9974) / EO 24° cone end



X1) Eolastic sealing

Series	D1	T1	DN	D3	L1	L2	L3	L4	S1	S2	S3	Weight g/1 piece	Order code*	PN (bar)[1] CF	PN (bar)[1] 71
L[3]	06	M 10×1.0	3.5	14	33.5	26.5	8	41.0	17	17	14	44	**RHZ06LMEDOMD**	400	250
	08	M 12×1.5	5.5	17	35.5	28.5	12	43.0	19	19	17	58	**RHZ08LMEDOMD**	400	250
	10	M 14×1.5	7.5	19	45.5	38.5	12	53.0	22	24	19	104	**RHZ10LMEDOMD**	400	250
	12	M 16×1.5	9.5	22	47.5	40.5	12	55.0	27	30	22	169	**RHZ12LMEDOMD**	400	250
	15	M 18×1.5	11.5	24	49.5	42.5	12	57.5	27	32	27	174	**RHZ15LMEDOMD**	400	250
	18	M 22×1.5	14.0	27	55.5	48.0	14	64.0	36	41	32	279	**RHZ18LMEDOMD**	400	160
	22	M 26×1.5	18.0	32	63.5	56.0	16	72.0	41	46	36	459	**RHZ22LMEDOMD**	250	160
	28	M 33×2.0	23.0	40	71.5	64.0	18	80.5	50	55	41	721	**RHZ28LMEDOMD**	250	100
	35	M 42×2.0	29.0	50	80.5	70.0	20	91.5	60	65	50	1078	**RHZ35LMEDOMD**	250	100
	42	M 48×2.0	29.0	55	81.5	70.5	22	93.0	65	70	60	1601	**RHZ42LMEDOMD**	250	100
S[4]	06	M 12×1.5	3.5	17	38.5	31.5	12	46.0	19	19	17	70	**RHZ06SMEDOMD**	420	400
	08	M 14×1.5	3.5	19	38.5	31.5	12	46.0	19	19	19	75	**RHZ08SMEDOMD**	420	400
	10	M 16×1.5	5.5	22	45.5	38.0	12	54.0	22	24	22	123	**RHZ10SMEDOMD**	420	400
	12	M 18×1.5	7.5	24	48.5	41.0	12	57.0	24	27	24	157	**RHZ12SMEDOMD**	420	400
	14	M 20×1.5	9.5	26	51.5	43.5	14	61.0	27	32	27	214	**RHZ14SMEDOMD**	420	315
	16	M 22×1.5	11.5	27	54.5	46.0	14	64.0	32	36	30	279	**RHZ16SMEDOMD**	420	315
	20	M 27×2.0	15.0	32	60.5	50.0	16	71.5	41	50	36	487	**RHZ20SMEDOMD**	420	250
	25	M 33×2.0	19.0	40	68.0	54.5	18	78.5	46	55	46	647	**RHZ25SMEDOMD**	420	250
	30	M 42×2.0	24.0	50	77.5	64.0	20	90.5	60	60	50	1180	**RHZ30SMEDOMD**	250	250
	38	M 48×2.0	29.0	55	87.5	71.5	22	102.0	65	70	60	1669	**RHZ38SMEDOMD**	250	250

[1]) Pressure shown = item deliverable

[3]) L = light series; [4]) S = heavy series

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

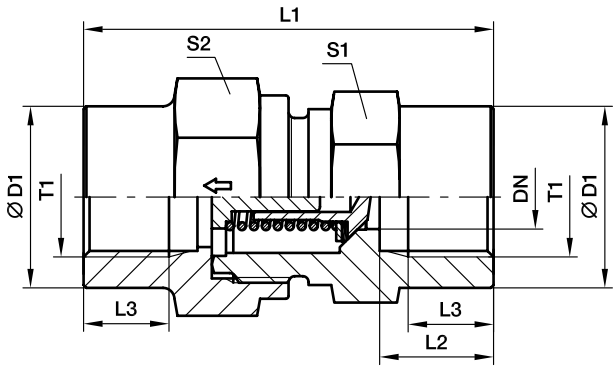
P

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHZ06LMEDOMDCF	NBR
Stainless steel	71	RHZ06LMEDOMD71	VIT

RHDI Non return valve

Female BSPP thread (ISO 1179-1) / Female BSPP thread (ISO 1179-1)



Series	T1	DN	D1	L1	L2	L3	S1	S2	Weight g/1 piece	Order code*	PN (bar)[1] CF	PN (bar)[1] 71
L[3]	G 1/8	3.5	19	42.5	12.0	8.0	19	19	76	**RHDI1/8**	400	400
	G 1/4	3.5	19	51.0	16.0	12.0	19	19	82	**RHDI1/4**	400	400
	G 3/8	7.5	24	60.0	17.0	12.0	24	27	157	**RHDI3/8**	400	400
	G 1/2	11.5	32	72.0	20.0	15.0	32	36	344	**RHDI1/2**	315	315
	G 3/4	15.0	41	84.0	22.0	16.5	41	46	664	**RHDI3/4**	250	250
	G 1	19.0	46	95.0	25.5	19.0	46	50	821	**RHDI1**	250	250
	G 1 1/4	24.0	60	110.0	28.0	21.5	60	60	1581	**RHDI11/4**	250	250
	G 1 1/2	29.0	65	114.0	28.5	22.0	65	70	1919	**RHDI11/2**	250	250

[1] Pressure shown = item deliverable

[3] L = light series

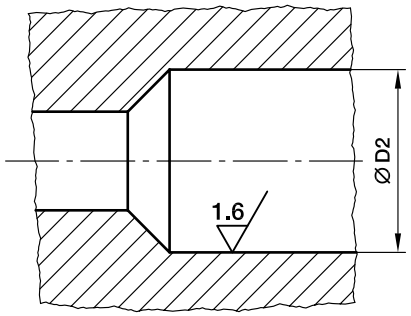
$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

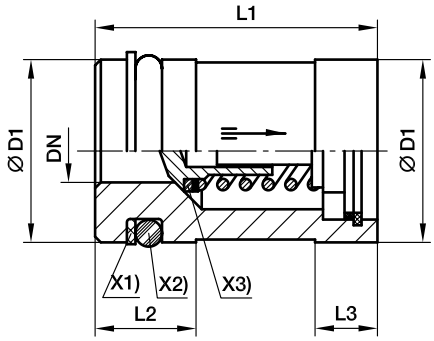
Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHDI1/8CF	NBR
Stainless steel	71	RHDI1/871	VIT

RVP Non return valve cartridge





X1) Supporting ring PTFE
X2) O-ring NBR
X3) Sealing disc NBR

Valve ITL	DN	D1	D2	L1 ± 0,15	L2	L3	O-ring	Supporting ring	Weight g/1 piece	Order code*	PN (bar)[1] CF	PN (bar)[1] 71
6-L/6 & 8-S	3.5	12.945 ± 0.055	13 $^{+0.12}_{+0.05}$	23.15	9.5	6.0	8.3×2.4	SRA 13-2.05-1.0	21	**RVP13**	420	400
8-L/10-S	5.5	15.945 ± 0.055	16 $^{+0.12}_{+0.05}$	26.65	9.5	6.5	11.3×2.4	SRA 16-2.05-1.0	32	**RVP16**	420	400
10-L/12-S	7.5	19.935 ± 0.065	20 $^{+0.142}_{+0.065}$	30.15	9.5	6.5	15.3×2.4	SRA 20-2.05-1.0	54	**RVP20**	420	400
12-L/14-S	9.5	23.935 ± 0.065	24 $^{+0.149}_{+0.065}$	35.15	12.0	7.5	18.2×3	SRA 24-2.6-1.0	80	**RVP24**	420	315
15-L/16-S	11.5	26.935 ± 0.065	27 $^{+0.149}_{+0.065}$	38.15	12.0	7.5	21.2×3	SRA 27-2.6-1.0	105	**RVP27**	420	315
18-L/20-S	15.0	34.92 ± 0.08	35 $^{+0.18}_{+0.08}$	44.65	12.0	9.5	29.2×3	SRA 35-2.5-1.0	204	**RVP35**	420	250
22-L/25-S	19.0	39.92 ± 0.08	40 $^{+0.18}_{+0.08}$	50.65	12.0	11.0	34.2×3	SRA 40-2.5-1.0	275	**RVP40**	420	250
28-L/30-S	24.0	46.92 ± 0.08	47 $^{+0.18}_{+0.08}$	60.15	13.0	13.0	41.0×3	SRA 47-2.6-1.5	412	**RVP47**	250	250
35-L/38-S	29.0	54.905 ± 0.095	55 $^{+0.22}_{+0.01}$	70.15	16.0	13.0	44.2×5.7	SRA 55-5.1-1.5	607	**RVP55**	250	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

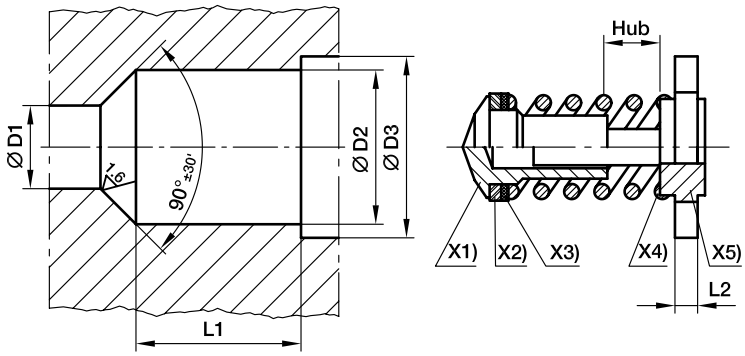
Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

P

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RVP13CF	NBR
Stainless steel	71	RVP1371	VIT

I-TL Internal parts of non return valve



X1) poppet
X2) sealing disc (smooth side to the poppet)
X3) cover disc
X4) spring
X5) passage disc

Series	Tube O.D.	D1$^{+0.1}$	D2$^{+0.1}$	D3$^{+0.1}$	L1$^{\pm0.1}$	L2	Hub	Weight g/1 piece	Order code*	PN (bar)[1]) CF	71
L/S/S	06/06/08	3.5	7.5	8.6	8.2	2.0	1.0	2	**ITL06L/06+08S**	*	*
L/S	08/10	5.5	10.2	11.6	11.0	2.0	1.7	4	**ITL08L/10S**	*	*
L/S	10/12	7.5	13.0	14.1	14.0	2.0	2.3	7	**ITL10L/12S**	*	*
L/S	12/14	9.5	16.7	18.1	16.5	2.5	2.9	13	**ITL12L/14S**	*	*
L/S	15/16	11.5	19.5	20.6	19.0	2.5	3.5	18	**ITL15L/16S**	*	*
L/S	18/20	15.0	25.2	27.1	22.5	3.0	4.4	37	**ITL18L/20S**	*	*
L/S	22/25	19.0	30.8	32.6	27.0	3.0	5.5	54	**ITL22L/25S**	*	*
L/S	28/30	24.0	38.6	40.6	32.5	3.5	7.3	107	**ITL28L/30S**	*	*
L/L/S	35/38/42	29.0	45.7	48.1	37.5	3.5	8.9	144	**ITL35L+42I/38S**	*	*

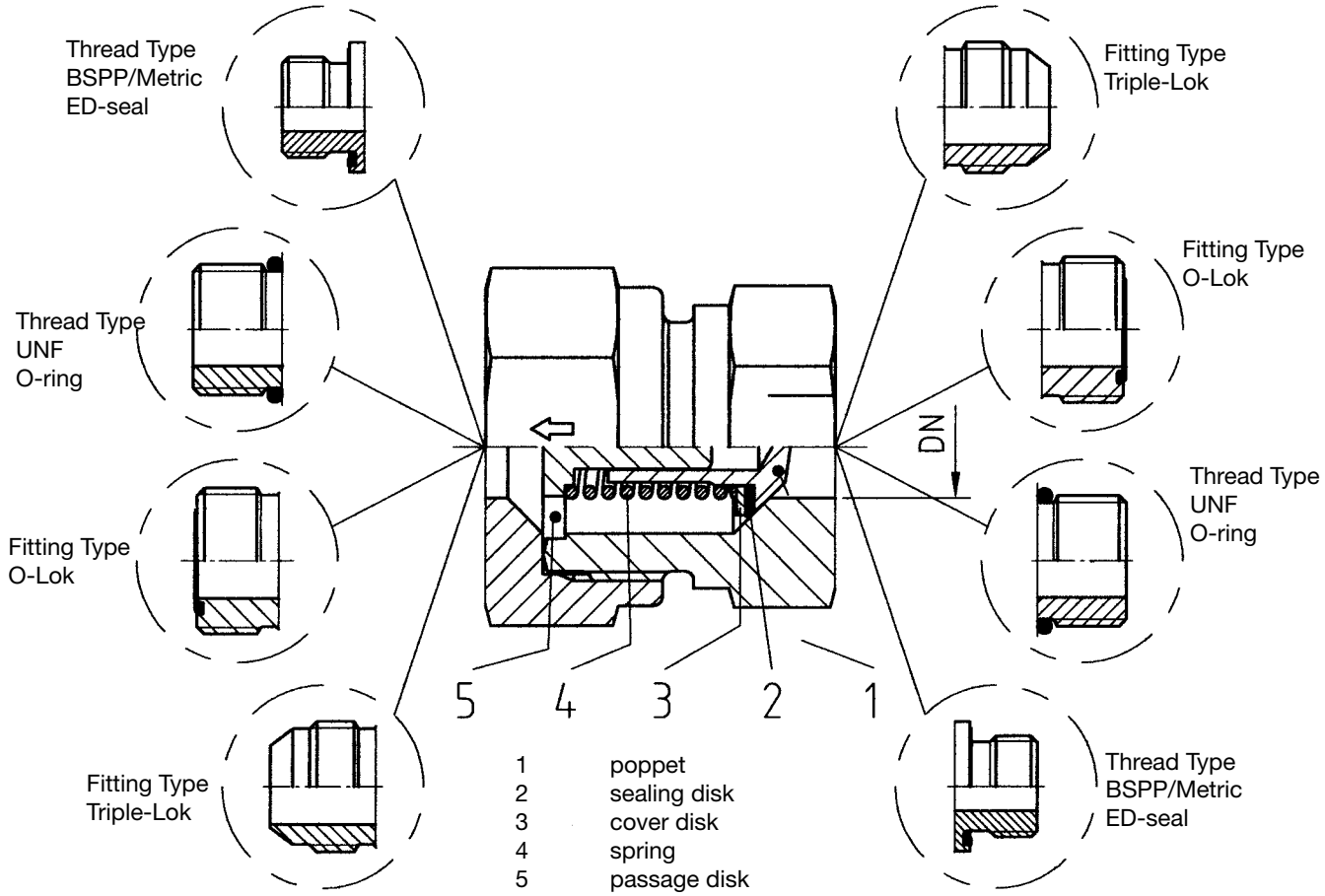
* = item deliverable

Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	ITL06L/06+008S	NBR
Stainless steel	71	ITL06L71/06+008S	VIT

RHD/V/Z Non return valves with O-Lok® or Triple-Lok® connections



Material:

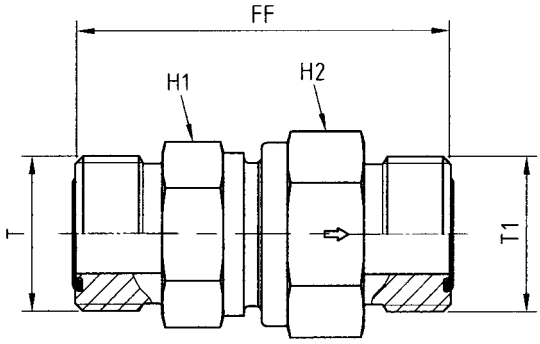
- Steel zinc-plated CF Cr(VI)-free, seals in NBR (e.g. Perbunan)
- Internal parts in stainless steel with FKM also available on request.

Perbunan = registered trademark of Bayer

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RHDMLOS Non return valve

O-Lok® ORFS end / O-Lok® ORFS end



Tube 1 O.D.		Tube 2 O.D.		ORFS (UN/UNF) thread	ORFS (UN/UNF) thread				DN (Nom.	Weight		PN (bar)[1]
mm	Inch	mm	Inch	T	T1	H1	H2	FF	diam.)	g/1 piece	Order code*	CF
6	1/4	6	1/4	9/16-18 UNF	9/16-18 UNF	19	19	44.5	3.5	108	**4RHDMLOS**	420
8, 10	5/16, 3/8	8, 10	5/16, 3/8	11/16-16 UNF	11/16-16 UNF	22	24	53.5	5.5	188	**6RHDMLOS**	420
12	1/2	12	1/2	13/16-16 UNF	13/16-16 UNF	24	27	59.5	7.5	223	**8RHDMLOS**	420
14, 15, 16	5/8	14, 15, 16	5/8	1-14 UNF	1-14 UNF	32	36	70.5	11.5	428	**10RHDMLOS**	420
18, 20	3/4	18, 20	3/4	1 3/16-12 UNF	1 3/16-12 UNF	41	46	77.5	15.0	731	**12RHDMLOS**	420
22, 25	1	22, 25	1	1 7/16-12 UNF	1 7/16-12 UNF	46	50	81.5	19.0	1076	**16RHDMLOS**	420
28, 30, 32	1 1/4	28, 30, 32	1 1/4	1 11/16-12 UNF	1 11/16-12 UNF	60	60	91.5	24.0	1630	**20RHDMLOS**	250
35, 38	1 1/2	35, 38	1 1/2	2-12 UNF	2-12 UNF	65	70	98.5	29.0	2362	**24RHDMLOS**	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

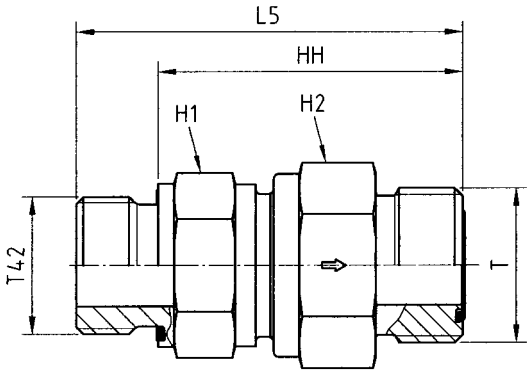
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHDMLOSCF	NBR

RHV42EDMLOS Non return valve

Male BSPP thread – ED-seal (ISO 1179) / O-Lok® ORFS end



Tube O.D. mm	Tube O.D. Inch	BSPP thread T42	ORFS (UN/UNF) T	H1	H2	L5	HH	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	G 1/8	9/16-18 UNF	19	19	44.5	36.5	3.5	92	**4RHV42EDMLOS**	420
8, 10	5/16, 3/8	G 1/4	11/16-16 UNF	24	27	56.5	44.5	6.5	165	**6RHV42EDMLOS**	420
12	1/2	G 3/8	13/16-16 UNF	24	27	61.5	49.5	7.5	191	**8RHV42EDMLOS**	420
14, 15, 16	5/8	G 1/2	1-14 UNF	32	36	70.0	56.0	11.5	366	**10RHV42EDMLOS**	420
18, 20	3/4	G 3/4	1 3/16-12 UNF	41	46	77.5	63.5	15.0	631	**12RHV42EDMLOS**	420
22, 25	1	G 1	1 7/16-12 UNF	46	50	84.0	66.0	19.0	863	**16RHV42EDMLOS**	420
28, 30, 32	1 1/4	G 1 1/4	1 11/16-12 UNF	60	60	95.0	75.0	24.0	1403	**20RHV42EDMLOS**	250
35, 38	1 1/2	G 1 1/2	2-12 UNF	65	70	105.0	83.0	29.0	1969	**24RHV42EDMLOS**	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Information on ordering complete fittings or alternative sealing materials see page I7.

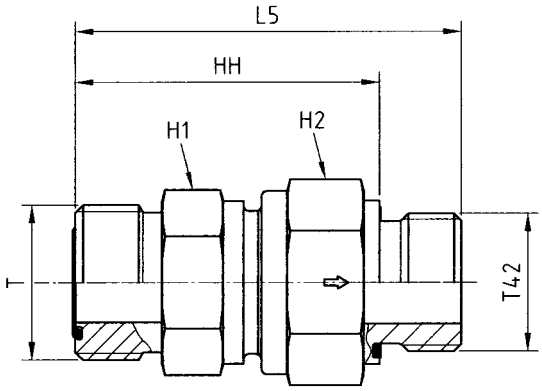
*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHV42EDMLOSCF	NBR

P

RHZ42EDMLOS Non return valve

O-Lok® ORFS end / Male BSPP thread – ED-seal (ISO 1179)



Tube O.D. mm	Tube O.D. Inch	BSPP thread T42	ORFS (UN/UNF) thread T	H1	H2	L5	HH	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	G 1/8	9/16-18 UNF	19	19	44.5	36.5	3.5	91	**4RHZ42EDMLOS**	420
8, 10	5/16, 3/8	G 1/4	11/16-16 UNF	24	27	56.5	44.5	6.5	161	**6RHZ42EDMLOS**	420
12	1/2	G 3/8	13/16-16 UNF	24	27	61.5	49.5	7.5	190	**8RHZ42EDMLOS**	420
14, 15, 16	5/8	G 1/2	1-14 UNF	32	36	70.0	56.0	11.5	348	**10RHZ42EDMLOS**	420
18, 20	3/4	G 3/4	1 3/16-12 UNF	41	46	77.5	53.5	15.0	634	**12RHZ42EDMLOS**	420
22, 25	1	G 1	1 7/16-12 UNF	46	50	84.0	66.0	19.0	863	**16RHZ42EDMLOS**	420
28, 30, 32	1 1/4	G 1 1/4	1 11/16-12 UNF	60	60	95.0	75.0	24.0	1397	**20RHZ42EDMLOS**	250
35, 38	1 1/2	G 1 1/2	2-12 UNF	65	70	105.0	83.0	29.0	2001	**24RHZ42EDMLOS**	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

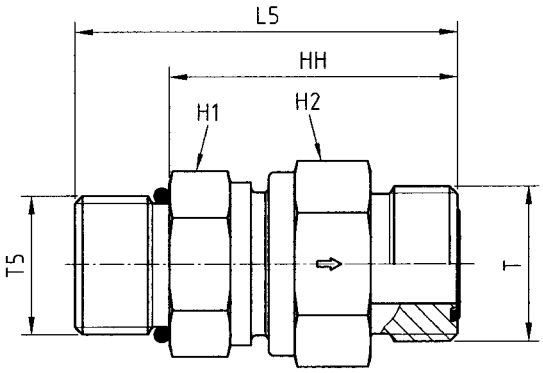
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHZ42EDMLOSCF	NBR

RHV5OMLOS Non return valve

Male UN/UNF thread – O-ring (ISO 11926) / O-Lok® ORFS end



Tube O.D. mm	Tube O.D. Inch	UNF male thread T5	ORFS (UN/UNF) thread T	H1	H2	L5	HH	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	7/16-20 UNF	9/16-18 UNF	19	19	45.5	34.5	3.5	92	**4RHV5OMLOS**	420
8, 10	5/16, 3/8	9/16-18 UNF	11/16-16 UNF	22	24	54.5	42.5	5.5	165	**6RHV5OMLOS**	420
12	1/2	3/4-16 UNF	13/16-16 UNF	24	27	60.5	46.5	5.5	165	**8RHV5OMLOS**	420
14, 15, 16	5/8	7/8-14 UNF	1-14 UNF	32	36	71.0	55.0	11.5	366	**10RHV5OMLOS**	420
18, 20	3/4	1 1/16-12 UN	1 3/16-12 UNF	41	46	79.0	60.5	15.0	631	**12RHV5OMLOS**	420
22, 25	1	1 5/16-12 UN	1 7/16-12 UNF	46	50	82.5	64.0	19.0	863	**16RHV5OMLOS**	420
28, 30, 32	1 1/4	1 5/8-12 UN	1 11/16-12 UNF	60	60	92.5	74.0	24.0	1403	**20RHV5OMLOS**	250
35, 38	1 1/2	1 7/8-12 UN	2-12 UNF	65	70	99.5	81.0	29.0	1969	**24RHV5OMLOS**	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

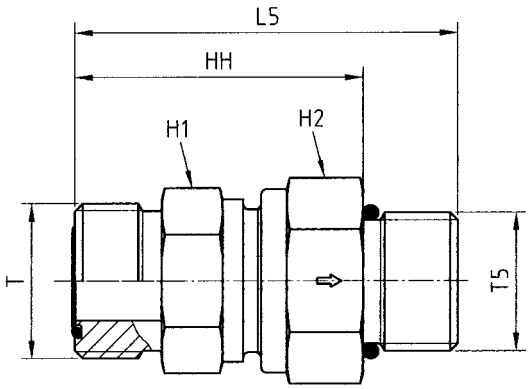
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHV5OMLOSCF	NBR

RHZ5OMLOS Non return valve

O-Lok® ORFS end / Male UN/UNF thread – O-ring (ISO 11926)



Tube O.D. mm	Tube O.D. Inch	UNF male thread T5	ORFS (UN/UNF) thread T	H1	H2	L5	HH	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	7/16-20 UNF	9/16-18 UNF	19	19	45.5	34.5	3.5	91	**4RHZ5OMLOS**	420
8, 10	5/16, 3/8	9/16-18 UNF	11/16-16 UNF	22	24	54.5	42.5	5.5	161	**6RHZ5OMLOS**	420
12	1/2	3/4-16 UNF	13/16-16 UNF	24	27	60.5	46.5	5.5	161	**8RHZ5OMLOS**	420
14, 15, 16	5/8	7/8-14 UNF	1-14 UNF	32	36	71.0	55.0	11.5	348	**10RHZ5OMLOS**	420
18, 20	3/4	1 1/16-12 UN	1 3/16-12 UNF	41	46	79.0	60.5	15.0	634	**12RHZ5OMLOS**	420
22, 25	1	1 5/16-12 UN	1 7/16-12 UNF	46	50	82.5	64.0	19.0	863	**16RHZ5OMLOS**	420
28, 30, 32	1 1/4	1 5/8-12 UN	1 11/16-12 UNF	60	60	92.5	74.0	24.0	1397	**20RHZ5OMLOS**	250
35, 38	1 1/2	1 7/8-12 UN	2-12 UNF	65	70	99.5	81.0	29.0	2001	**24RHZ5OMLOS**	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

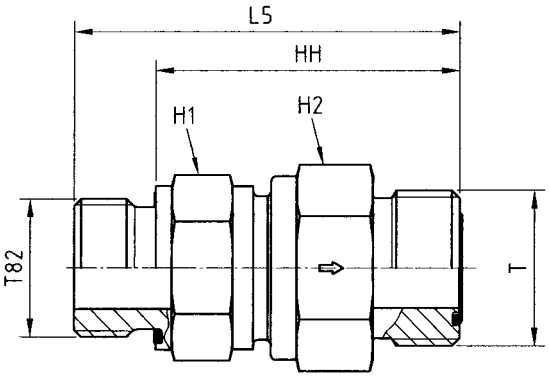
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHZ5OMLOSCF	NBR

RHV82EDMLOS Non return valve

Male metric thread – ED-seal (ISO 9974) / O-Lok® ORFS end



Tube O.D. mm	Tube O.D. Inch	metric thread T82	ORFS (UN/UNF) thread T	H1	H2	L5	HH	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	M 12×1.5	9/16-18 UNF	19	19	48.5	36.5	3.5	89	**4M12RHV82EDMLOS**	420
8, 10	5/16, 3/8	M 16×1.5	11/16-16 UNF	22	24	56.5	44.5	5.5	157	**6M16RHV82EDMLOS**	420
12	1/2	M 18×1.5	13/16-16 UNF	24	27	61.5	49.5	7.5	195	**8M18RHV82EDMLOS**	420
14, 15, 16	5/8	M 22×1.5	1-14 UNF	32	36	72.0	58.0	11.5	369	**10M22RHV82EDMLOS**	420
18, 20	3/4	M 27×2.0	1 3/16-12 UNF	41	46	79.5	63.5	15.0	628	**12M27RHV82EDMLOS**	420
22, 25	1	M 33×2.0	1 7/16-12 UNF	46	50	84.0	66.0	19.0	867	**16M33RHV82EDMLOS**	420
28, 30, 32	1 1/4	M 42×2.0	1 11/16-12 UNF	60	60	95.0	75.0	24.0	1409	**20M42RHV82EDMLOS**	250
35, 38	1 1/2	M 48×2.0	2-12 UNF	65	70	103.0	81.0	29.0	1970	**24M48RHV82EDMLOS**	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Information on ordering complete fittings or alternative sealing materials see page I7.

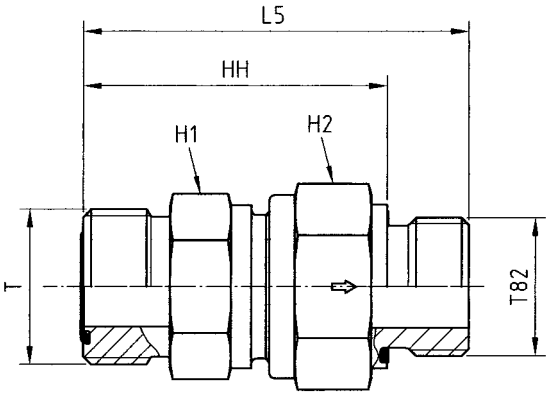
*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4M12RHV82EDMLOSCF	NBR

P

RHZ82EDMLOS Non return valve

O-Lok® ORFS end / Male metric thread – ED-seal (ISO 9974)



Tube O.D. mm	Tube O.D. Inch	metric thread T82	ORFS (UN/UNF) thread T	H1	H2	L5	HH	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	M 12×1.5	9/16-18 UNF	19	19	48.5	36.5	3.5	89	**4M12RHZ82EDMLOS**	420
8, 10	5/16, 3/8	M 16×1.5	11/16-16 UNF	24	27	59.1	47.1	7.5	156	**6M16RHZ82EDMLOS**	420
12	1/2	M 18×1.5	13/16-16 UNF	24	27	61.5	49.5	7.5	195	**8M18RHZ82EDMLOS**	420
14, 15, 16	5/8	M 22×1.5	1-14 UNF	32	36	70.0	56.0	11.5	352	**10M22RHZ82EDMLOS**	420
18, 20	3/4	M 27×2.0	1 3/16-12 UNF	41	46	77.5	61.5	15.0	608	**12M27RHZ82EDMLOS**	420
22, 25	1	M 33×2.0	1 7/16-12 UNF	46	50	84.0	66.0	19.0	965	**16M33RHZ82EDMLOS**	420
28, 30, 32	1 1/4	M 42×2.0	1 11/16-12 UNF	60	60	95.0	75.0	24.0	1396	**20M42RHZ82EDMLOS**	250
35, 38	1 1/2	M 48×2.0	2-12 UNF	65	70	115.0	93.0	29.0	1978	**24M48RHZ82EDMLOS**	250

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

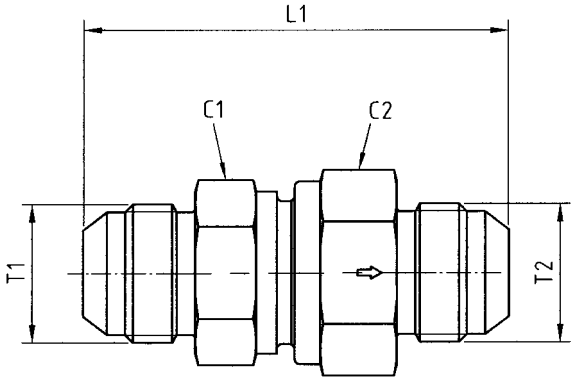
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4M12RHZ82EDMLOSCF	NBR

RHDMTXS Non return valve

Triple-Lok® 37° flare end / Triple-Lok® 37° flare end



Tube 1 O.D.		Tube 2 O.D.		Thread JIC SAE	Thread JIC SAE				DN (Nom.	Weight		PN (bar)[1]
mm	Inch	mm	Inch	T1	T2	C1	C2	L1	diam.)	g/1 piece	Order code*	CF
6	1/4	6	1/4	7/16-20 UNF	7/16-20 UNF	19	19	52.5	3.5	108	**4RHDMTXS**	420
8	5/16	8	5/16	1/2-20 UNF	1/2-20 UNF	22	24	59.5	5.5	188	**5RHDMTXS**	420
10	3/8	10	3/8	9/16-18 UNF	9/16-18 UNF	24	27	61.5	7.5	223	**6RHDMTXS**	420
12	1/2	12	1/2	3/4-16 UNF	3/4-16 UNF	27	32	69.5	9.5	324	**8RHDMTXS**	420
14, 15, 16	5/8	14, 15, 16	5/8	7/8-14 UNF	7/8-14 UNF	32	36	78.5	11.5	428	**10RHDMTXS**	350
18, 20	3/4	18, 20	3/4	1 1/16-12 UN	1 1/16-12 UN	41	46	87.5	15.0	731	**12RHDMTXS**	350
25	1	25	1	1 5/16-12 UN	1 5/16-12 UN	46	50	92.5	19.0	1076	**16RHDMTXS**	280
28, 30, 32	1 1/4	28, 30, 32	1 1/4	1 5/8-12 UN	1 5/8-12 UN	60	60	105.5	24.0	1630	**20RHDMTXS**	250
35, 38	1 1/2	35, 38	1 1/2	1 7/8-12 UN	1 7/8-12 UN	65	70	118.5	29.0	2362	**24RHDMTXS**	210

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

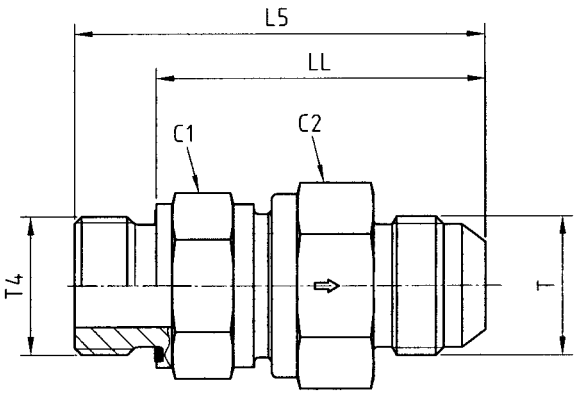
nformation on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHDMTXSCF	NBR

RHV42EDMXS Non return valve

Male BSPP thread – ED-seal (ISO 1179) / Triple-Lok® 37° flare end



Tube O.D.		BSPP thread	Thread JIC SAE					DN (Nom.	Weight		PN (bar)[1]
mm	Inch	T4	T	C1	C2	L5	LL	diam.)	g/1 piece	Order code*	CF
6	1/4	G 1/8	7/16-20 UNF	19	19	48.0	40.0	3.5	92	**4RHV42EDMXS**	420
8	5/16	G 1/4	1/2-20 UNF	22	24	59.5	47.5	5.5	165	**5-4RHV42EDMXS**	420
10	3/8	G 1/4	9/16-18 UNF	24	27	62.0	50.0	7.5	191	**6RHV42EDMXS**	420
12	1/2	G 3/8	3/4-16 UNF	27	32	67.0	55.0	9.5	277	**8RHV42EDMXS**	420
14, 15, 16	5/8	G 1/2	7/8-14 UNF	32	36	76.0	62.0	11.5	366	**10RHV42EDMXS**	350
18, 20	3/4	G 3/4	1 1/16-12 UN	41	46	84.5	68.5	15.0	631	**12RHV42EDMXS**	350
25	1	G 1	1 5/16-12 UN	46	50	89.5	71.5	19.0	863	**16RHV42EDMXS**	280
28, 30, 32	1 1/4	G 1 1/4	1 5/8-12 UN	60	60	102.0	82.0	24.0	1403	**20RHV42EDMXS**	250
35, 38	1 1/2	G 1 1/2	1 7/8-12 UN	65	70	113.0	91.0	29.0	1969	**24RHV42EDMXS**	210

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

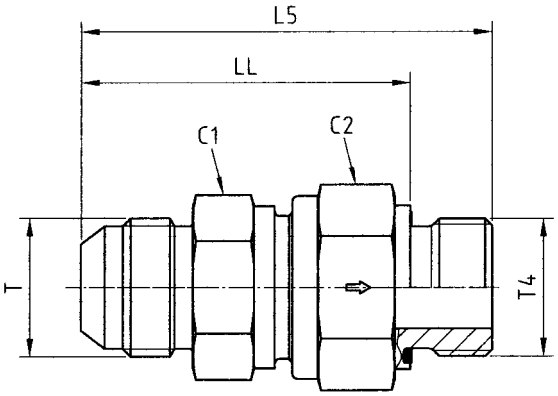
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHV42EDMXSCF	NBR

RHZ42EDMXS Non return valve

Triple-Lok® 37° flare end / Male BSPP thread – ED-seal (ISO 1179)



Tube O.D. mm	Tube O.D. Inch	BSPP thread T4	Thread JIC SAE T	C1	C2	L5	LL	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	G 1/8	7/16-20 UNF	19	19	48.0	40.0	3.5	89	**4RHZ42EDMXS**	420
8	5/16	G 1/4	1/2-20 UNF	22	24	59.0	47.0	5.5	156	**5-4RHZ42EDMXS**	420
10	3/8	G 1/4	9/16-18 UNF	24	27	62.0	50.0	7.5	190	**6RHZ42EDMXS**	420
12	1/2	G 3/8	3/4-16 UNF	27	32	66.0	54.0	9.5	278	**8RHZ42EDMXS**	420
14, 15, 16	5/8	G 1/2	7/8-14 UNF	32	36	74.0	60.0	11.5	348	**10RHZ42EDMXS**	350
18, 20	3/4	G 3/4	1 1/16-12 UN	41	46	82.5	66.5	15.0	634	**12RHZ42EDMXS**	350
25	1	G 1	1 5/16-12 UN	46	50	89.5	71.5	19.0	863	**16RHZ42EDMXS**	280
28, 30, 32	1 1/4	G 1 1/4	1 5/8-12 UN	60	60	102.0	82.0	24.0	1397	**20RHZ42EDMXS**	250
35, 38	1 1/2	G 1 1/2	1 7/8-12 UN	65	70	115.0	93.0	29.0	2001	**24RHZ42EDMXS**	210

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Information on ordering complete fittings or alternative sealing materials see page I7.

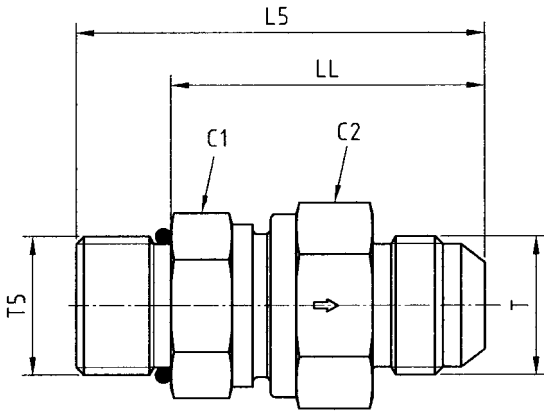
*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHZ42EDMXSCF	NBR

P

RHV5OMXS Non return valve

Male UN/UNF thread – O-ring (ISO 11926) / Triple-Lok® 37° flare end



Tube O.D. mm	Tube O.D. Inch	Thread UNF T5	Thread JIC SAE T	C1	C2	L5	LL	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	7/16-20 UNF	7/16-20 UNF	19	19	49.5	38.5	3.5	92	**4RHV5OMXS**	420
8	5/16	1/2-20 UNF	1/2-20 UNF	22	24	56.5	45.5	5.5	165	**5RHV5OMXS**	420
10	3/8	9/16-18 UNF	9/16-18 UNF	24	27	59.5	47.5	7.5	191	**6RHV5OMXS**	420
12	1/2	3/4-16 UNF	3/4-16 UNF	27	32	66.5	52.5	9.5	277	**8RHV5OMXS**	420
14, 15, 16	5/8	7/8-14 UNF	7/8-14 UNF	32	36	75.0	59.0	11.5	366	**10RHV5OMXS**	350
18, 20	3/4	1 1/16-12 UN	1 1/16-12 UN	41	46	84.0	65.5	15.0	631	**12RHV5OMXS**	350
25	1	1 5/16-12 UN	1 5/16-12 UN	46	50	88.0	69.5	19.0	863	**16RHV5OMXS**	280
28, 30, 32	1 1/4	1 5/8-12 UN	1 5/8-12 UN	60	60	99.5	81.0	24.0	1403	**20RHV5OMXS**	250
35, 38	1 1/2	1 7/8-12 UN	1 7/8-12 UN	65	70	109.5	91.0	29.0	1969	**24RHV5OMXS**	210

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

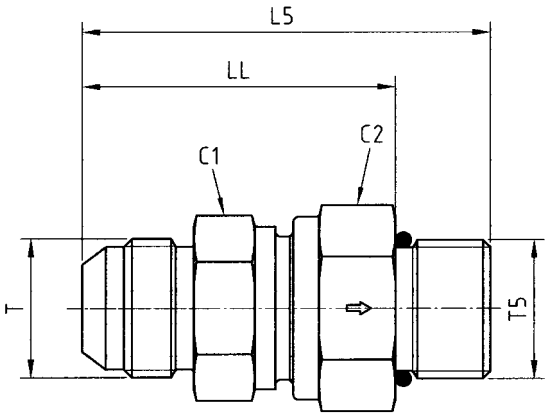
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	RHV5OMXSCF	NBR

RHZ5OMXS Non return valve

Triple-Lok® 37° flare end / Male UN/UNF thread – O-ring (ISO 11926)



Tube O.D. mm	Tube O.D. Inch	Thread UNF T5	Thread JIC SAE T	C1	C2	L5	LL	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	7/16-20 UNF	7/16-18 UNF	19	19	49.5	38.5	3.5	91	**4RHZ5OMXS**	420
8	5/16	1/2-20 UNF	1/2-20 UNF	22	24	56.5	45.5	5.5	161	**5RHZ5OMXS**	420
10	3/8	9/16-18 UNF	9/16-18 UNF	24	27	59.5	47.5	7.5	190	**6RHZ5OMXS**	420
12	1/2	3/4-16 UNF	3/4-16 UNF	27	32	66.5	52.5	9.5	278	**8RHZ5OMXS**	420
14, 15, 16	5/8	7/8-14 UNF	7/8-14 UNF	32	36	75.0	59.0	11.5	348	**10RHZ5OMXS**	350
18, 20	3/4	1 1/16-12 UN	1 1/16-12 UN	41	46	84.0	65.5	15.0	634	**12RHZ5OMXS**	350
25	1	1 5/16-12 UN	1 5/16-12 UN	46	50	88.0	69.5	19.0	863	**16RHZ5OMXS**	280
28, 30, 32	1 1/4	1 5/8-12 UN	1 5/8-12 UN	60	60	107.0	81.0	24.0	1397	**20RHZ5OMXS**	250
35, 38	1 1/2	1 7/8-12 UN	1 7/8-12 UN	65	70	109.5	91.0	29.0	2001	**24RHZ5OMXS**	210

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

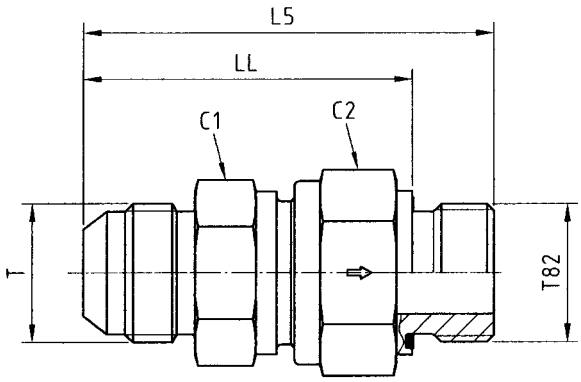
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4RHZ5OMXSCF	NBR

RHV82EDMXS Non return valve

Male metric thread – ED-seal (ISO 9974) / Triple-Lok® 37° flare end



Tube O.D. mm	Tube O.D. Inch	Metric thread T82	Thread JIC SAE T	C1	C2	L5	LL	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	M 10×1.0	7/16-20 UNF	19	19	48.0	40.0	3.5	89	**4M10RHV82EDMXS**	420
8	5/16	M 12×1.5	1/2-20 UNF	22	24	59.5	47.5	5.5	157	**5M12RHV82EDMXS**	420
10	3/8	M 14×1.5	9/16-18 UNF	24	27	62.0	50.0	7.5	195	**6M14RHV82EDMXS**	420
12	1/2	M 16×1.5	3/4-16 UNF	27	32	67.0	55.0	9.5	274	**8M16RHV82EDMXS**	420
14, 15, 16	5/8	M 18×1.5	7/8-14 UNF	32	36	73.5	61.5	11.5	369	**10M18RHV82EDMXS**	350
18, 20	3/4	M 27×2.0	1 1/16-12 UN	41	46	84.5	68.5	15.0	628	**12M27RHV82EDMXS**	350
25	1	M 33×2.0	1 5/16-12 UN	46	50	89.5	71.5	19.0	867	**16M33RHV82EDMXS**	280
28, 30, 32	1 1/4	M 42×2.0	1 5/8-12 UN	60	60	102.0	82.0	24.0	1409	**20M42RHV82EDMXS**	250
35, 38	1 1/2	M 48×2.0	1 7/8-12 UN	65	70	113.0	91.0	29.0	1970	**24M48RHV82EDMXS**	210

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

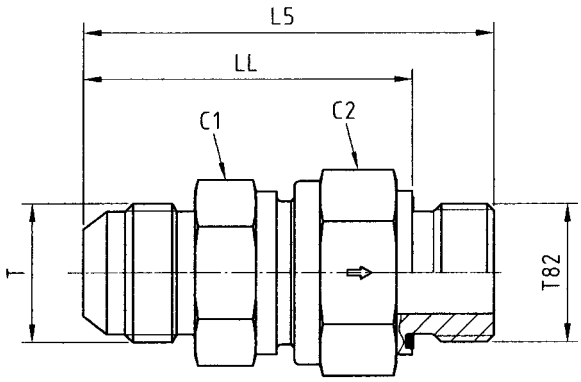
Information on ordering complete fittings or alternative sealing materials see page I7.

*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4M10RHV82EDMXSCF	NBR

RHZ82EDMXS Non return valve

Triple-Lok® 37° flare end / Male metric thread – ED-seal (ISO 9974)



Tube O.D. mm	Tube O.D. Inch	Metric thread T82	Thread JIC SAE T	C1	C2	L5	LL	DN (Nom. diam.)	Weight g/1 piece	Order code*	PN (bar)[1] CF
6	1/4	M 10×1.0	7/16-20 UNF	19	19	48.0	40.0	3.5	89	**4M10RHZ82EDMXS**	420
8	5/16	M 12×1.5	1/2-20 UNF	22	24	59.5	47.5	5.5	156	**5M12RHZ82EDMXS**	420
10	3/8	M 14×1.5	9/16-18 UNF	24	27	62.0	50.0	7.5	195	**6M14RHZ82EDMXS**	420
12	1/2	M 16×1.5	3/4-16 UNF	27	32	66.0	54.0	9.5	272	**8M16RHZ82EDMXS**	420
14, 15, 16	5/8	M 18×1.5	7/8-14 UNF	32	36	71.5	59.5	11.5	352	**10M18RHZ82EDMXS**	350
18, 20	3/4	M 27×2.0	1 1/16-12 UN	41	46	82.5	66.5	15.0	608	**12M27RHZ82EDMXS**	350
25	1	M 33×2.0	1 5/16-12 UN	46	50	89.5	71.5	19.0	965	**16M33RHZ82EDMXS**	280
28, 30, 32	1 1/4	M 42×2.0	1 5/8-12 UN	60	60	102.0	82.0	24.0	1396	**20M42RHZ82EDMXS**	250
35, 38	1 1/2	M 48×2.0	1 7/8-12 UN	65	70	115.0	93.0	29.0	1807	**24M48RHZ82EDMXS**	210

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

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*Please add the **suffixes** below according to the material/ surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	4M10RHZ82EDMXSCF	NBR

P