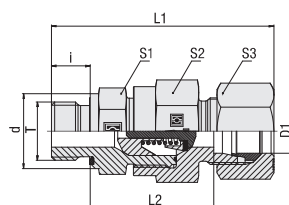
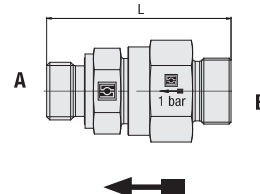


Male Stud Check Valve

Type FI-RVZ-...-R-WD ■ Series L / S



Flow Direction: B > A (to Stud End)
Standard Opening Pressure: 1 bar / 14.5 PSI



Ordering Codes

***FI-RVZ*-10*L*R*-WD*-B*-W3*-1*-MS**

* Male Stud Check Valve (Flow to Stud End) **FI-RVZ**

* Outside Tube Diameter D1 (in mm) **-10**

* Series Light Series **L**
Heavy Series **S**

* Thread Type Whitworth Parallel
Pipe Thread (BSPP) **R**

If required, please indicate special sizes, e.g. R1/8!

* Seal Type Profile Sealing Ring **-WD**

* Seal Material NBR (Buna-N®) **-B**
FKM/FPM (Viton®) **-V**
EPDM **-E**

* Material Code Steel, zinc/nickel-plated **-W3**

Please contact STAUFF for alternative materials and surface finishings.

* Opening Pressure 1 bar / 14.5 PSI **1**

Contact STAUFF for alternative opening pressures.

* Assembling / Kitting Valve body only **—**

Valve body supplied with cutting ring and union nut **-MS**

Valve body supplied with soft-sealing cutting ring and union nut **-MSV**

Whitworth Parallel Pipe Thread (BSPP)

Profile Sealing Ring

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)											Torque (Nm/lbf)	Weight (kg/lbs) ca.	Ordering Codes ³
	D1		Thread T	d	L	L1 ¹	L2	i	S1	S2	S3	Thread T	per 100 ²			
L	6	400	G 1/8	13,9	51	59	36	8	22	27	14	18	12,07			FI-RVZ-06LR-WD-B-W3-1
	.24	5800		.55	2,01	2,32	1,42	.31	.87	1,06	.55	13,3	26,55			FI-RVZ-08LR-WD-B-W3-1
	8	400	G 1/4	18,9	55	63	36	12	22	27	17	30	12,56			FI-RVZ-10LR-WD-B-W3-1
	.31	5800		.74	2,17	2,48	1,42	.47	.87	1,06	.67	22,2	27,63			FI-RVZ-12LR-WD-B-W3-1
	10	400	G 1/4	18,9	53	61	34	12	22	27	19	45	11,38			FI-RVZ-15LR-WD-B-W3-1
	.39	5800		.74	2,09	2,40	1,34	.47	.87	1,06	.75	33,3	25,04			FI-RVZ-18LR-WD-B-W3-1
	12	400	G 3/8	21,9	58	66	39	12	22	27	22	70	13,64			FI-RVZ-22LR-WD-B-W3-1
	.47	5800		.86	2,28	2,60	1,54	.47	.87	1,06	.87	51,8	30,00			FI-RVZ-28LR-WD-B-W3-1
	15	400	G 1/2	26,9	62	70	41	14	27	32	27	90	19,15			FI-RVZ-35LR-WD-B-W3-1
	.59	5800		1,06	2,44	2,76	1,61	.55	1,06	1,26	1,06	66,6	42,12			FI-RVZ-42LR-WD-B-W3-1
	18	400	G 1/2	26,9	67	76	45,5	14	27	32	32	90	22,67			FI-RVZ-48LR-WD-B-W3-1
	.71	5800		1,06	2,64	2,99	1,79	.55	1,06	1,26	1,26	66,6	49,88			FI-RVZ-54LR-WD-B-W3-1
	22	250	G 3/4	31,9	77	86	53,5	16	46	41	36	180	45,69			FI-RVZ-60LR-WD-B-W3-1
	.87	3625		1,26	3,03	3,39	2,11	.63	1,81	1,61	1,42	133,2	100,53			FI-RVZ-66LR-WD-B-W3-1
	28	250	G 1	39,9	80	89	54,5	18	46	41	41	310	52,60			FI-RVZ-72LR-WD-B-W3-1
	1,10	3625		1,57	3,15	3,50	2,15	.71	1,81	1,61	1,61	229,4	115,72			FI-RVZ-78LR-WD-B-W3-1
	35	250	G 1 1/4	49,9	97,5	108,5	67	20	60	70	50	450	130,70			FI-RVZ-84LR-WD-B-W3-1
	1,38	3625		1,96	3,84	4,27	2,64	.79	2,36	2,76	1,97	333,0	287,54			FI-RVZ-90LR-WD-B-W3-1
	42	250	G 1 1/2	54,9	97,5	109,5	64,5	22	60	70	60	540	137,40			FI-RVZ-96LR-WD-B-W3-1
	1,65	3625		2,16	3,84	4,31	2,54	.87	2,36	2,76	2,36	399,6	302,28			FI-RVZ-102LR-WD-B-W3-1
S	6	400	G 1/8	18,9	57	65	38	12	22	27	17	55	12,92			FI-RVZ-06SR-WD-B-W3-1
	.24	5800		.74	2,24	2,56	1,50	.47	.87	1,06	.67	40,7	28,42			FI-RVZ-08SR-WD-B-W3-1
	8	400	G 1/4	18,9	55	63	36	12	22	27	19	55	12,18			FI-RVZ-10SR-WD-B-W3-1
	.31	5800		.74	2,17	2,48	1,42	.47	.87	1,06	.75	40,7	26,80			FI-RVZ-12SR-WD-B-W3-1
	10	400	G 3/8	21,9	57	66	37,5	12	22	27	22	80	13,30			FI-RVZ-14SR-WD-B-W3-1
	.39	5800		.86	2,24	2,60	1,48	.47	.87	1,06	.87	59,2	29,25			FI-RVZ-16SR-WD-B-W3-1
	12	400	G 3/8	21,9	59	68	39,5	12	22	27	24	80	14,64			FI-RVZ-18SR-WD-B-W3-1
	.47	5800		.86	2,32	2,68	1,56	.47	.87	1,06	.94	59,2	32,20			FI-RVZ-20SR-WD-B-W3-1
	14	400	G 1/2	26,9	64	74	42	14	27	32	27	115	20,23			FI-RVZ-22SR-WD-B-W3-1
	.55	5800		1,06	2,52	2,91	1,65	.55	1,06	1,26	1,06	85,1	44,50			FI-RVZ-24SR-WD-B-W3-1
	16	400	G 1/2	26,9	67	77	44,5	14	27	32	30	115	21,61			FI-RVZ-26SR-WD-B-W3-1
	.63	5800		1,06	2,64	3,03	1,75	.55	1,06	1,26	1,18	85,1	47,55			FI-RVZ-28SR-WD-B-W3-1
	20	400	G 3/4	31,9	79,5	90,5	53	16	46	41	36	180	46,63			FI-RVZ-30SR-WD-B-W3-1
	.79	5800		1,26	3,13	3,56	2,09	.63	1,81	1,61	1,42	133,2	102,59			FI-RVZ-32SR-WD-B-W3-1
	25	250	G 1	39,9	83	95	53	18	46	41	46	310	53,10			FI-RVZ-34SR-WD-B-W3-1
	.98	3625		1,57	3,27	3,74	2,09	.71	1,81	1,61	1,81	229,4	116,82			FI-RVZ-36SR-WD-B-W3-1
	30	250	G 1 1/4	49,9	94	107	60,5	20	50	55	50	450	85,80			FI-RVZ-38SR-WD-B-W3-1
	1,18	3625		1,96	3,70	4,21	2,38	.79	1,97	2,17	1,97	333,0	188,76			FI-RVZ-40SR-WD-B-W3-1
	38	250	G 1 1/2	54,9	103,5	118,5	65,5	22	60	70	60	540	143,40			FI-RVZ-42SR-WD-B-W3-1
	1,50	3625		2,16	4,07	4,67	2,58	.87	2,36	2,76	2,36	399,6	315,48			FI-RVZ-44SR-WD-B-W3-1

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Valve body only.

Male stud acc. to ISO 1179-2 (Type E)

Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

Standard seal material is NBR (Buna-N®).

Please note: Internal seals are made of FKM/FPM (Viton®).

In order to make sure that the valves will be suitable for your particular application, please contact STAUFF with details on media, operating pressure, pressure peaks, operating temperature and the expected frequency of valve actuations.

Connecting Parts



Cutting Ring
Type **FI-DS** Page 26



Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27



Support Sleeve
Type **FI-VH** Page 28



STAUFF Form Ring
Type **FI-AR** Page 30



Union Nut
Type **FI-M** Page 31



37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Spare Parts / Accessories



Profile Sealing Ring
Type **WDG** Page 206

