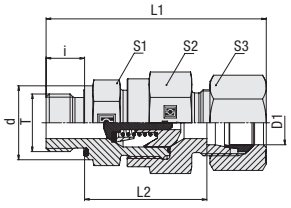
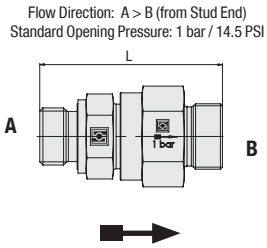
Male Stud Check Valve
Type FI-RVV-...-R-WD ▪ Series L / S







Whitworth Parallel Pipe Thread (BSPP)

Profile Sealing Ring

Ordering Codes

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

* Male Stud Check Valve (Flow from Stud End)		**FI-RVV**
* 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 (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**

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

Series	Tube OD (mm/in) D1	PN (bar/PSI)	Dimensions (mm/in) Thread T	d	L	L1[1]	L2	i	S1	S2	S3	Torque (N·m/ft·lb) Thread T	Weight (kg/lbs) ca. per 100[2]	Ordering Codes[3]
L	6	400	G 1/8	13,9	51	59	36	8	22	27	14	18	11,69	FI-RVV-06LR-WD-B-W3-1
	.24	5800		.55	2.01	2.32	1.42	.31	.87	1.06	.55	13.3	25.71	
	8	400	G 1/4	18,9	55	63	36	12	22	27	17	30	12,54	FI-RVV-08LR-WD-B-W3-1
	.31	5800		.74	2.17	2.48	1.42	.47	.87	1.06	.67	22.2	27.58	
	10	400	G 1/4	18,9	53	61	34	12	22	27	19	45	11,40	FI-RVV-10LR-WD-B-W3-1
	.39	5800		.74	2.09	2.40	1.34	.47	.87	1.06	.75	33.3	25.08	
	12	400	G 3/8	21,9	58	66	39	12	22	27	22	70	13,62	FI-RVV-12LR-WD-B-W3-1
	.47	5800		.86	2.28	2.60	1.54	.47	.87	1.06	.87	51.8	29.97	
	15	400	G 1/2	26,9	60	68	41	14	27	32	27	90	19,68	FI-RVV-15LR-WD-B-W3-1
	.59	5800		1.06	2.36	2.68	1.61	.55	1.06	1.26	1.06	66.6	43.30	
	18	400	G 1/2	26,9	67	76	45,5	14	27	32	32	90	22,68	FI-RVV-18LR-WD-B-W3-1
	.71	5800		1.06	2.64	2.99	1.79	.55	1.06	1.26	1.26	66.6	49.89	
	22	250	G 3/4	31,9	77	86	53,5	16	41	46	36	180	46,49	FI-RVV-22LR-WD-B-W3-1
	.87	3625		1.26	3.03	3.39	2.11	.63	1.61	1.81	1.42	133.2	102.28	
	28	250	G 1	39,9	86	95	60,5	18	41	46	41	310	59,70	FI-RVV-28LR-WD-B-W3-1
	1.10	3625		1.57	3.39	3.74	2.38	.71	1.61	1.81	1.61	229.4	131.34	
	35	250	G 1 1/4	49,9	97,5	108,5	67	20	60	70	50	450	132,20	FI-RVV-35LR-WD-B-W3-1
	1.38	3625		1.96	3.84	4.27	2.64	.79	2.36	2.76	1.97	333.0	290.84	
	42	250	G 1 1/2	54,9	97,5	109,5	64,5	22	60	70	60	540	137,40	FI-RVV-42LR-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	
S	6	400	G 1/4	18,9	57	65	38	12	22	27	17	55	12,95	FI-RVV-06SR-WD-B-W3-1
	.24	5800		.74	2.24	2.56	1.50	.47	.87	1.06	.67	40.7	28.49	
	8	400	G 1/4	18,9	55	63	36	12	22	27	19	55	12,12	FI-RVV-08SR-WD-B-W3-1
	.31	5800		.74	2.17	2.48	1.42	.47	.87	1.06	.75	40.7	26.66	
	10	400	G 3/8	21,9	57	66	37,5	12	22	27	22	80	13,32	FI-RVV-10SR-WD-B-W3-1
	.39	5800		.86	2.24	2.60	1.48	.47	.87	1.06	.87	59.2	29.30	
	12	400	G 3/8	21,9	59	68	39,5	12	22	27	24	80	14,64	FI-RVV-12SR-WD-B-W3-1
	.47	5800		.86	2.32	2.68	1.56	.47	.87	1.06	.94	59.2	32.21	
	14	400	G 1/2	26,9	64	74	42	14	27	32	27	115	20,26	FI-RVV-14SR-WD-B-W3-1
	.55	5800		1.06	2.52	2.91	1.65	.55	1.06	1.26	1.06	85.1	44.57	
	16	400	G 1/2	26,9	67	77	44,5	14	27	32	30	115	21,59	FI-RVV-16SR-WD-B-W3-1
	.63	5800		1.06	2.64	3.03	1.75	.55	1.06	1.26	1.18	85.1	47.50	
	20	400	G 3/4	31,9	79	90	52,5	16	41	46	36	180	50,90	FI-RVV-20SR-WD-B-W3-1
	.79	5800		1.26	3.11	3.54	2.07	.63	1.61	1.81	1.42	133.2	111.98	
	25	250	G 1	39,9	83	95	53	18	41	46	46	310	53,10	FI-RVV-25SR-WD-B-W3-1
	.98	3625		1.57	3.27	3.74	2.09	.71	1.61	1.81	1.81	229.4	116.82	
	30	250	G 1 1/4	49,9	94	107	60,5	20	50	55	50	450	86,00	FI-RVV-30SR-WD-B-W3-1
	1.18	3625		1.96	3.70	4.21	2.38	.79	1.97	2.17	1.97	333.0	189.20	
	38	250	G 1 1/2	54,9	103,5	118,5	65,5	22	60	70	60	540	143,70	FI-RVV-38SR-WD-B-W3-1
	1.50	3625		2.16	4.07	4.67	2.58	.87	2.36	2.76	2.36	399.6	316.14	

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Valve body only.

Standard seal material is NBR (Buna-N®).
Please note: Internal seals are made of FKM (Viton®).

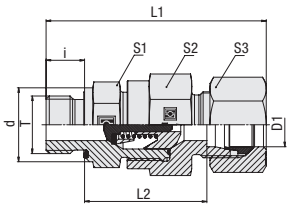
In order to make sure that the valves will be suitable for your particular application, please contact STAUFF with details on media, operating pressure, pressure peaks, operating temperature and the expected frequency of valve actuations.

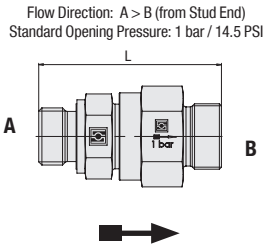
Male stud acc. to ISO 1179-2 (Type E)
Port acc. to ISO 1179-1

Torque recommendations for Steel mating material.

Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further information.

Male Stud Check Valve
Type FI-RVV-...-M-WD ▪ Series L / S







Profile Sealing Ring

Metric Parallel Thread

Series	Tube OD (mm/in)	PN (bar/PSI)	Dimensions (mm/in)									Torque (N-m/ft-lb)	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	M 10 x 1	13,9	51	59	36	8	22	27	14	18	10,58	FI-RVV-06LM-WD-B-W3-1
	.24	5800		.55	2.01	2.32	1.42	.31	.87	1.06	.55	13.3	23.27	
	8	400	M 12 x 1,5	16,9	55	63	36	12	22	27	17	25	12,28	FI-RVV-08LM-WD-B-W3-1
	.31	5800		.67	2.17	2.48	1.42	.47	.87	1.06	.67	18.5	27.02	
	10	400	M 14 x 1,5	18,9	53	61	34	12	22	27	19	45	11,39	FI-RVV-10LM-WD-B-W3-1
	.39	5800		.74	2.09	2.40	1.34	.47	.87	1.06	.75	33.3	25.06	
	12	400	M 16 x 1,5	21,9	58	66	39	12	22	27	22	55	13,50	FI-RVV-12LM-WD-B-W3-1
	.47	5800		.86	2.28	2.60	1.54	.47	.87	1.06	.87	40.7	29.69	
	15	400	M 18 x 1,5	23,9	60	68	41	12	27	32	27	70	18,42	FI-RVV-15LM-WD-B-W3-1
	.59	5800		.94	2.36	2.68	1.61	.47	1.06	1.26	1.06	51.8	40.52	
	18	400	M 22 x 1,5	26,9	67	76	45,5	14	27	32	32	125	23,09	FI-RVV-18LM-WD-B-W3-1
	.71	5800		1.06	2.64	2.99	1.79	.55	1.06	1.26	1.26	92.5	50.80	
	22	250	M 26 x 1,5	31,9	77	86	53,5	16	41	46	36	180	46,70	FI-RVV-22LM-WD-B-W3-1
	.87	3625		1.26	3.03	3.39	2.11	.63	1.61	1.81	1.42	133.2	102.74	
	28	250	M 33 x 2	39,9	86	95	60,5	18	41	46	41	310	59,70	FI-RVV-28LM-WD-B-W3-1
	1.10	3625		1.57	3.39	3.74	2.38	.71	1.61	1.81	1.61	229.4	131.34	
	35	250	M 42 x 2	49,9	97,5	108,5	67	20	60	70	50	450	132,20	FI-RVV-35LM-WD-B-W3-1
	1.38	3625		1.96	3.84	4.27	2.64	.79	2.36	2.76	1.97	333.0	290.84	
	42	250	M 48 x 2	54,9	97,5	109,5	64,5	22	60	70	60	540	137,20	FI-RVV-42LM-WD-B-W3-1
	1.65	3625		2.16	3.84	4.31	2.54	.87	2.36	2.76	2.36	399.6	301.84	
S	6	400	M 12 x 1,5	16,9	57	65	38	12	22	27	17	35	11,23	FI-RVV-06SM-WD-B-W3-1
	.24	5800		.67	2.24	2.56	1.50	.47	.87	1.06	.67	25.9	24.70	
	8	400	M 14 x 1,5	18,9	55	63	36	12	22	27	19	55	11,55	FI-RVV-08SM-WD-B-W3-1
	.31	5800		.74	2.17	2.48	1.42	.47	.87	1.06	.75	40.7	25.42	
	10	400	M 16 x 1,5	21,9	57	66	37,5	12	22	27	22	70	13,29	FI-RVV-10SM-WD-B-W3-1
	.39	5800		.86	2.24	2.60	1.48	.47	.87	1.06	.87	51.8	29.23	
	12	400	M 18 x 1,5	23,9	59	68	39,5	12	24	27	24	90	15,56	FI-RVV-12SM-WD-B-W3-1
	.47	5800		.94	2.32	2.68	1.56	.47	.94	1.06	.94	66.6	34.22	
	14	400	M 20 x 1,5	25,9	64	74	42	14	27	32	27	125	19,94	FI-RVV-14SM-WD-B-W3-1
	.55	5800		1.02	2.52	2.91	1.65	.55	1.06	1.26	1.06	92.5	43.87	
	16	400	M 22 x 1,5	26,9	67	77	44,5	14	27	32	30	135	21,40	FI-RVV-16SM-WD-B-W3-1
	.63	5800		1.06	2.64	3.03	1.75	.55	1.06	1.26	1.18	99.9	47.08	
	20	400	M 27 x 2	31,9	79	90	52,5	16	41	46	36	180	50,99	FI-RVV-20SM-WD-B-W3-1
	.79	5800		1.26	3.11	3.54	2.07	.63	1.61	1.81	1.42	133.2	112.18	
	25	250	M 33 x 2	39,9	83	95	53	18	41	46	46	310	53,50	FI-RVV-25SM-WD-B-W3-1
	.98	3625		1.57	3.27	3.74	2.09	.71	1.61	1.81	1.81	229.4	117.70	
	30	250	M 42 x 2	49,9	94	107	60,5	20	50	55	50	450	86,80	FI-RVV-30SM-WD-B-W3-1
	1.18	3625		1.96	3.70	4.21	2.38	.79	1.97	2.17	1.97	333.0	190.96	
	38	250	M 48 x 2	54,9	104	119	66	22	60	70	60	540	144,70	FI-RVV-38SM-WD-B-W3-1
	1.50	3625		2.16	4.09	4.69	2.60	.87	2.36	2.76	2.36	399.6	318.34	

[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Valve body only.

Standard seal material is NBR (Buna-N®).
Please note: Internal seals are made of FKM (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.

Male stud acc. to ISO 9974-2 (Type E)
Port acc. to ISO 9974-1

Torque recommendations for Steel mating material.

Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.
Please contact STAUFF prior to the assembly for further information.

Ordering Codes

***FI-RVV*-10*L*M*-WD*-B*-W3*-1*-MS**

* Male Stud Check Valve (Flow from Stud End)		**FI-RVV**
* Outside Tube Diameter D1 (in mm)		**-10**
* Series	Light Series	**L**
	Heavy Series	**S**
* Thread Type	Metric Parallel Thread	**M**
If required, please indicate special sizes, e.g. M12x1.5!		
* Seal Type	Profile Sealing Ring	**-WD**
* Seal Material	NBR (Buna-N®)	**-B**
	FKM (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	Fitting body only	**—**
	Valve body supplied with cutting ring and union nut	**-MS**
	Valve body supplied with soft-sealing cutting ring and union nut	**-MSV**

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