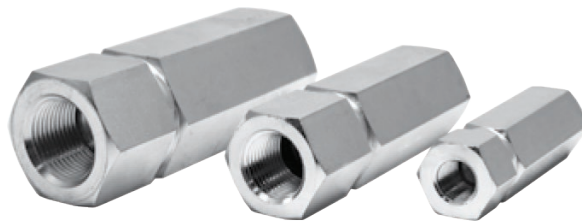


CHECK VALVES



CONTENTS

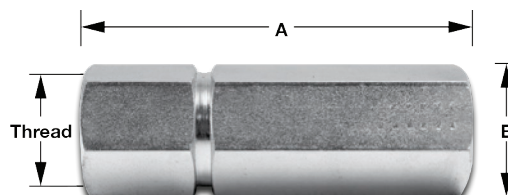
VU SERIES SOFT-SEAT CHECK VALVES-STEEL. 3

316 STAINLESS STEEL SOFT-SEAT CHECK VALVES. 4

HSP SERIES HARD SEAT CHECK VALVES-STEEL. 5

CHECK VALVES

VU SERIES SOFT-SEAT CHECK VALVES-STEEL



FEATURES

- Zinc clear plated body
- Captive Buna-N seal
- One piece body

APPLICATIONS

- Agriculture
- Construction
- Hydraulic
- Pneumatic

SPRING PRESSURES

- 7 or 70 PSI

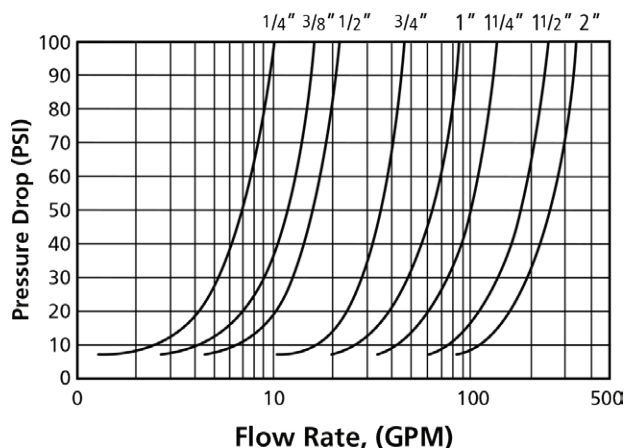
CHECK VALVE - STEEL

SIZE	PART #	THREAD	SPRING	DIMENSIONS (IN.)	
				A	B
1/4"	VU-14-F-7	1/4" NPTF	7 PSI	2.83	0.87
1/4"	VU-14-F-70	1/4" NPTF	70 PSI	2.83	0.87
3/8"	VU-38-F-7	3/8" NPTF	7 PSI	3.19	0.94
3/8"	VU-38-F-70	3/8" NPTF	70 PSI	3.19	0.94
1/2"	VU-12-F-7	1/2" NPTF	7 PSI	3.78	1.18
1/2"	VU-12-F-70	1/2" NPTF	70 PSI	3.78	1.18
3/4"	VU-34-F-7	3/4" NPTF	7 PSI	4.28	1.50
3/4"	VU-34-F-70	3/4" NPTF	70 PSI	4.28	1.50
1"	VU-1-F-7	1" NPTF	7 PSI	4.96	1.81
1"	VU-1-F-70	1" NPTF	70 PSI	4.96	1.81
1 1/4"	VU-114-F-7	1 1/4" NPTF	7 PSI	5.12	2.17
1 1/2"	VU-112-F-7	1 1/2" NPTF	7 PSI	5.31	2.56
2"	VU-2-F-7	2" NPTF	7 PSI	5.91	2.95

RATED PRESSURE - PSI

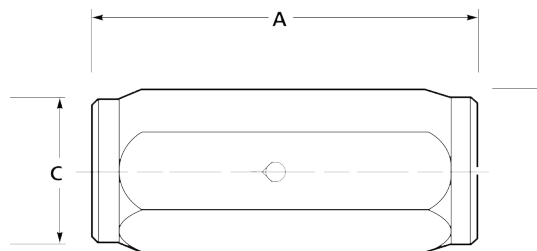
SIZE	PSI
1/4"	10,000
3/8"	10,000
1/2"	7250
3/4"	7250
1"	7250
1 1/4"	4350
1 1/2"	4350
2"	4350

Pressure Drop vs. Flow Rate



CHECK VALVES

316 STAINLESS STEEL SOFT-SEAT CHECK VALVES



FEATURES

- 316 stainless body
- 302 stainless springs
- FKM/FPM poppet seal
- Low pressure drop

APPLICATIONS

- Construction
- Chemical
- Hydraulic tools

SPRING PRESSURES

- 7 PSI only

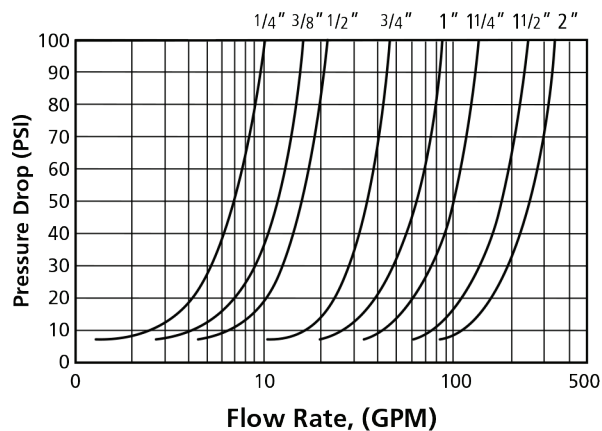
CHECK VALVE - STAINLESS STEEL

SIZE	PART #	THREAD C	DIMENSIONS (IN.)	
			A	B
1/4"	VU-14-F-7-SS	1/4" NPTF	1.97	0.75
3/8"	VU-38-F-7-SS	3/8" NPTF	2.36	0.94
1/2"	VU-12-F-7-SS	1/2" NPTF	2.56	1.60
3/4"	VU-34-F-7-SS	3/4" NPTF	2.95	1.34
1"	VU-1-F-7-SS	1" NPTF	3.66	1.61
1 1/4"	VU-114-F-7-SS	1 1/4" NPTF	4.33	1.97
1 1/2"	VU-112-F-7-SS	1 1/2" NPTF	4.41	2.17
2"	VU-2-F-7-SS	2" NPTF	4.72	2.95

RATED PRESSURE - PSI

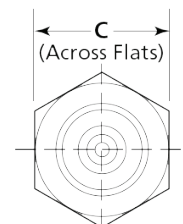
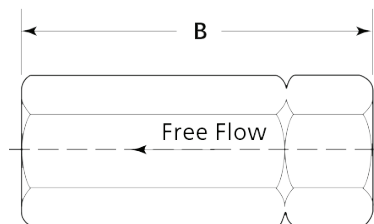
BODY SIZE	PSI
1/4"	5145
3/8"	5145
1/2"	5145
3/4"	4410
1"	3675
1 1/4"	3675
1 1/2"	3675
2"	2200

Pressure Drop vs. Flow Rate



HSP SERIES HARD SEAT CHECK VALVES-STEEL

CHECK VALVES



FEATURES

- Zinc clear plated body
- Metal-to-metal seat
- One piece body

APPLICATIONS

- Chemical
- Construction
- Hydraulic

SPRING PRESSURES

- 5 or 65 PSI

CHECK VALVE - NPT

SIZE	PART #	THREAD C	SPRING	DIMENSIONS (IN.)	
				B	C
1/4"	HSP-1000-2-5	1/4" NPTF	5 PSI	2.44	0.87
1/4"	HSP-1000-2-65	1/4" NPTF	65 PSI	2.44	0.87
3/8"	HSP-1000-3-5	3/8" NPTF	5 PSI	2.87	0.95
3/8"	HSP-1000-3-65	3/8" NPTF	65 PSI	2.87	0.95
1/2"	HSP-1000-4-5	1/2" NPTF	5 PSI	3.50	1.14
1/2"	HSP-1000-4-65	1/2" NPTF	65 PSI	3.50	1.14
3/4"	HSP-1000-6-5	3/4" NPTF	5 PSI	4.25	1.50
3/4"	HSP-1000-6-65	3/4" NPTF	65 PSI	4.25	1.50
1"	HSP-1000-8-5	1" NPTF	5 PSI	5.12	1.69
1"	HSP-1000-8-65	1" NPTF	65 PSI	5.12	1.69
1 1/4"	HSP-1000-10-5	1 1/4" NPTF	5 PSI	5.56	2.40
1 1/4"	HSP-1000-10-65	1 1/4" NPTF	65 PSI	5.56	2.40
1 1/2"	HSP-1000-12-5	1 1/2" NPTF	5 PSI	5.56	2.56
1 1/2"	HSP-1000-12-65	1 1/2" NPTF	65 PSI	5.56	2.56
2"	HSP-1000-16-5	2" NPTF	5 PSI	7.91	3.15
2"	HSP-1000-16-65	2" NPTF	65 PSI	7.91	3.15

CHECK VALVE - ORB

SIZE	PART #	THREAD C	SPRING	DIMENSIONS (IN.)	
				B	C
1/4"	HSP-1001-4-5	7/16"-20 ORB	5 PSI	2.44	0.87
1/4"	HSP-1001-4-65	7/16"-20 ORB	65 PSI	2.44	0.87
3/8"	HSP-1001-6-5	9/16"-18 ORB	5 PSI	2.87	0.95
3/8"	HSP-1001-6-65	9/16"-18 ORB	65 PSI	2.87	0.95
1/2"	HSP-1001-8-5	3/4"-16 ORB	5 PSI	3.50	1.14
1/2"	HSP-1001-8-65	3/4"-16 ORB	65 PSI	3.50	1.14
3/4"	HSP-1001-12-5	1 1/16"-12 ORB	5 PSI	4.25	1.50
3/4"	HSP-1001-12-65	1 1/16"-12 ORB	65 PSI	4.25	1.50
1"	HSP-1001-16-5	1 5/16"-12 ORB	5 PSI	5.12	1.69
1"	HSP-1001-16-65	1 5/16"-12 ORB	65 PSI	5.12	1.69
1 1/4"	HSP-1001-20-5	1 7/8"-12 ORB	5 PSI	5.56	2.40
1 1/4"	HSP-1001-20-65	1 7/8"-12 ORB	65 PSI	5.56	2.40
1 1/2"	HSP-1001-24-5	1 7/8"-12 ORB	5 PSI	5.56	2.56
1 1/2"	HSP-1001-24-65	1 7/8"-12 ORB	65 PSI	5.56	2.56

RATED FLOW

BODY SIZE	GPM
1/4"	6
3/8"	9.5
1/2"	18
3/4"	30
1"	35
1 1/4"	60
1 1/2"	90
2"	145

RATED PRESSURE - PSI

BODY SIZE	PSI
1/4"	6000
3/8"	6000
1/2"	5000
3/4"	5000
1"	5000
1 1/4"	3000
1 1/2"	3000
2"	3000

Pressure Drop vs. Flow Rate

