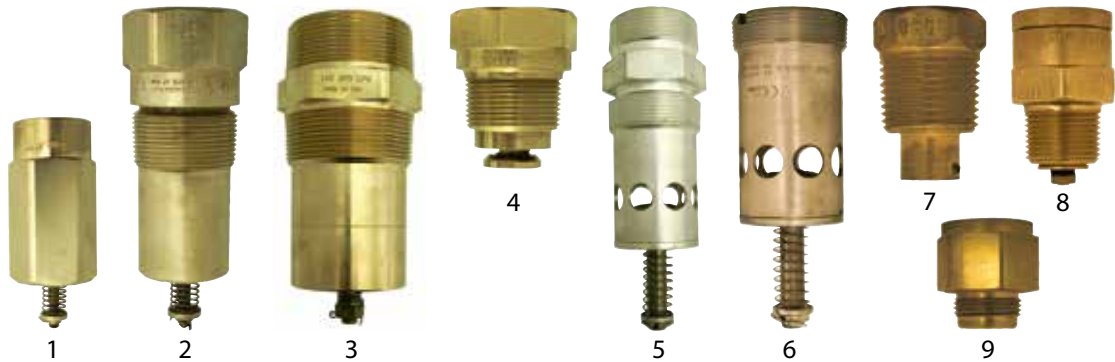


# J

## Excess flow valves • Back pressure check valves

Excess flow valve PN 25  
• NPT-thread



Order No.	Type	Connection, "		Liquid, approx. l/min	Closing flow		Weight, kg	Pic.
		Inlet NPT	Outlet NPT		Vapor, approx. Nm <sup>3</sup> /h			
					at 1,7 bar	at 7,0 bar		
12 001	1519 A2	1	1	95	140	250	1,54	1
12 002*	A1519 A2	1	1	95	140	250	2,50	1
12 003	1519 A3	1½	1½	225	325	570	1,54	1
12 004	1519 B4	2	2	510	784	1420	2,50	1
12 031	1519 A4	2	2	378	512	925	2,50	1
12 005*	A1519 B4	2	2	510	784	1420	2,50	1
12 006*	A1519 A6	3	3	850	1270	2350	5,27	1
12 007*	FAS	3	3	1190	1780	3290	5,50	1
12 008	1519 C2	1½ male /1 G	1 female	95	140	250	1,10	2
12 009	-	3 male	3 male /2 female	985	1400	2385	4,50	3
12 010*	A2137 A	2 male /1¼ female	2 male /1¼ female	265	396	707	1,60	3
12 011	2139 A	3 male /2 female	3 male /2 female	620	750	1300	4,50	3
12 032	12472	¾	¾	15	20	35	0,15	4

see next page

Order No.	Type	Connection, "		Closing flow			Weight, kg	Pic.
		Inlet NPT	Outlet NPT	Liquid, approx. l/min	Vapor, approx. Nm <sup>3</sup> /h			
					at 1,7 bar	at 7,0 bar		
12 012	3272 E	¾	¾	30	40	75	0,18	4
12 041	3272 F	¾	¾	48	77	135	0,15	4
12 013	3272 G	¾	¾	76	105	195	0,18	4
12 014*	A3272 G	¾	¾	76	105	195	0,18	4
12 042	3282 A	1¼	1¼	110	145	270	0,36	4
12 015	3282 C	1¼	1¼	190	255	461	0,36	4
12 016*	A3282 C	1¼	1¼	190	255	461	0,40	4
12 017	7574	1½	1½	340	430	795	0,68	4
12 018	3292 B	2	2	378	512	925	1,04	4
12 019*	A3292 C	2	2	462	625	1064	1,27	4
12 046*	A3500 L4	2	-	290	435	650	0,90	6
12 047*	A3500 N4	2	-	480	650	1170	0,90	6
12 022*	A3500 P4	2	-	568	863	1470	0,90	6
12 023*	A3500 R	3	-	568	908	1570	1,86	6
12 048*	A3500 T6	3	-	770	1024	1850	1,86	6
12 024*	A3500 V6	3	-	950	1446	2510	1,86	6
12 025*	A4500 Y8	4	-	1890	2518	4360	3,31	6
12 028*	A8523	¾	¾	57	146	250	0,23	5
12 043*	A8525	¼	1¼	134	290	525	0,60	5
12 044*	A7537 L4	2AG	2 male /1¼ female	284	432	735	0,60	5
12 029*	A7537 P4	2AG	2 male /1¼ female	568	863	1470	1,54	5
12 030*	A7539 V6	3AG	3 male /2 female	946	1446	2150	4,68	5
<b>For pressure gauge</b>								
12 038	2884 D	¾	¼	-	-	-	0,13	7
<b>Check-Lock</b>								
12 033	7572 FC	¾	¾	75	-	-	0,23	8
12 034	7580 FC	1¼	¾	132	-	-	0,50	8
<b>Check-Lock adaptor</b>								
12 037	7572 C-14A	¾	¾	-	-	-	0,10	9

The indicated vapor closing flows refer to the normal condition of 15°C and 762 torr.

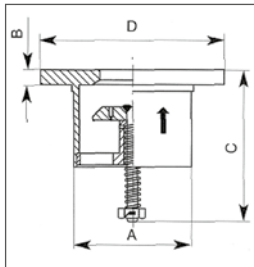
**Excess flow valve PN 40**  
 type FAS-F, for installation  
 between two flanges

- body and spring  
 of stainless steel

**Type:**

- A – Standard execution
- B – With stronger spring

*The minimum flow rate should  
 be twice as high as the maxi-  
 mum pumping capacity*



Order No.	Size, "	Suitable for flanges	Closing flow propane, approx. l/min	Dimensions				Weight, kg
				A	B	C	D	
<b>12 069</b>	1¼	DN 32	90	30	10	60	75	0,6
<b>12 070</b>	1	DN 25	45	25	10	43	68	0,3
<b>12 071</b>	2	DN 50	167	48	13	85	92	0,9
<b>12 072</b>	2½	DN 65	224	60	13	94	105	1,3
<b>12 073</b>	3	DN 80	378	76	13	96	127	1,8
<b>12 074</b>	1½	DN 40	125	36	13	70	80	0,8
<b>12 075</b>	4	DN 100	791	97	16	118	157	3,3
<b>12 076</b>	5	DN 125	1257	121	16	151	186	5,0
<b>12 077</b>	6	DN 150	1764	142	19,6	183	216	8,4
<b>12 078</b>	8	DN 200	2388	190	20	211	270	12,9
<b>12 079</b>	10	DN 250	4035	245	22,5	285	323	23,7

Order No.	Size, "	Suitable for flanges	Closing flow propane, approx. l/min	Dimensions				Weight, kg
				A	B	C	D	
<b>12 081</b>	2	DN 50	208	48	13	85	92	0,9
<b>12 082</b>	2½	DN 65	435	60	13	94	105	1,3
<b>12 083</b>	3	DN 80	606	76	13	96	127	1,8
<b>12 085</b>	4	DN 100	1287	97	16	118	157	3,3
<b>12 086</b>	5	DN 125	1567	121	16	151	186	5,0
<b>12 087</b>	6	DN 150	2911	142	19,6	183	216	8,4
<b>12 088</b>	8	DN 200	3217	190	20	211	270	12,9
<b>12 089</b>	10	DN 250	6185	245	22,5	285	323	23,7

**Back pressure check valve  
PN 25**

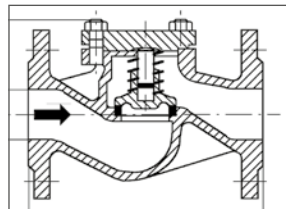
- with NPT-thread
- metallic sealed
- sitting position variably



Order No.	Type	Connection NPT	Capacity l/min. at 0,7 bar	Material	Weight, kg	Pic.
12 501	3146	3/4	60	Brass	0,18	1
12 502*	A3146	3/4	60	Steel	0,23	1
12 503	3176	1 1/4	150	Brass	0,36	1
12 504*	A3176	1 1/4	150	Steel	1,00	1
12 505	6586 C	2	1020	Brass	0,90	2
12 506*	A3186	2	662	Steel	1,27	1
12 507*	A3196	3	1600		2,81	1
12 508*	A6586 C	2	1020		1,02	2
12 509*	A3400 L4	2	1200		1,00	3
12 510*	A3400 L6	3	2300		1,90	3
28 819	A3187 S	2	416		1,20	4
28 896	A3198 S	2	1098		4,60	5

**Back pressure check valve  
PN 40**

- flange connection acc.  
to DIN 2635
- body of cast steel GS-C25
- disc of stainless steel



Order No.	Size, DN	Length, mm	Height, mm	Weight, kg
12 511	15	130	66	3,6
12 512	20	150	75	4,5
12 513	25	160	80	5,5
12 514	32	180	88	8,0
12 515	40	200	105	11,5
12 516	50	230	115	14,0
12 517	65	290	135	23,0
12 518	80	310	145	30,0
12 519	100	350	175	47,0
12 520	125	400	215	70,0
12 521	150	480	240	96,0

**Back pressure check valve  
 PN 40**

- for installation between two flanges
- soft seal

**Type:**

- *A – housing material 1.4317, soft seal made of viton, for propane / butane*
- *B – housing material 1.4317, soft seal made of viton, for propane / butane, with type approval*
- *C – housing material 1.4552, with PTFE-special seal for DME, refrigerant and NH<sub>3</sub>, with type approval*



Order No.			Size, DN	Length, mm	Weight, kg
Type A	Type B	Type C			
12 531	12 541	12 561	15	16	0,12
12 532	12 542	12 562	20	19	0,18
12 533	12 543	12 563	25	22	0,29
12 534	12 544	12 564	32	28	0,50
12 535	12 545	12 565	40	32	0,66
12 536	12 546	12 566	50	40	1,23
12 537	12 547	12 567	65	46	1,55
12 538	12 548	12 568	80	50	2,35
12 539	12 549	12 569	100	60	3,63