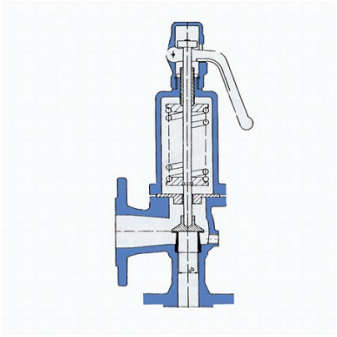
Type: 357

Safety Valve, Flanges, PN 40

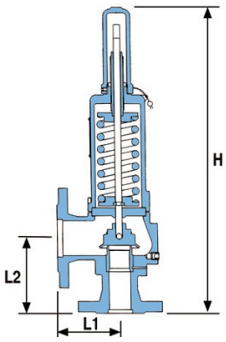
Flange connection PN 40Application: Primarily steam and non aggressive gases

- High-liftable type large capacity
- TÜV approved
- Complies with AD A2 / TRD



General Data

Type:	**357**
Material:	Ductile cast iron GGG 40.3
Pressure class:	PN 40
Spring Housing:	Ductile cast iron GGG 40.3
Valve:	Stainless steel 1.4021
Seat:	Stainless steel 1.4301
Stem:	Stainless steel 1.4021, polished
Connection:	Inlet: Flanges DIN PN 40 (2545)
	Exit: Flanges DIN PN 16 (2543)
Temperature:	Max. 350°C
When ordering:	Inform: Media, setting pressure, temperature and desired capacity
Options:	Steel version GS-C25 up to 400°C
	Stainless steel version 1.4581 up to 550°C



357 Flange connection PN 40

	DIMENSIONS (mm)						WEIGHT
Item No.	DN	L1	L2	H	Flange Ø	Bolt circle	kg
-	20 x 32	100	100	385	105 / 140	75 x 4 x 14 / 100 x 4 x 18	10
-	25 x 40	100	105	395	115 / 150	85 x 4 x 14 / 110 x 4 x 18	12
-	32 x 50	110	115	410	140 / 165	100 x 4 x 18 / 125 x 4 x 18	15
-	40 x 65	115	140	580	150 / 185	110 x 4 x 18 / 145 x 8 x 18	24
-	50 x 80	120	150	600	165 / 200	125 x 4 x 18 / 160 x 8 x 18	26
-	65 x 100	140	170	710	185 / 220	145 x 8 x 18 / 180 x 8 x 18	46
-	80 x 125	160	195	735	200 / 250	160 x 8 x 18 / 210 x 8 x 18	50
-	100 x 150	180	220	860	235 / 285	190 x 8 x 22 / 240 x 8 x 22	72
-	125 x 200	200	250	980	270 / 340	220 x 8 x 26 / 295 x 12 x 22	100
-	150 x 250	225	285	1045	300 / 405	250 x 8 x 26 / 355 x 12 x 26	133

Capacity for steam

Capacity for steam (kg / h) types 357 and 356

PRESSURE	DIMENSIONS (DN INPUT)							
Bar	20	25	32	40	50	65	80	100
1	205	286	463	738	1111	1851	2815	4351
1,5	260	355	574	916	1379	2296	3493	5399
2,0	311	425	686	1112	1648	2744	4173	6450
2,5	359	491	794	1267	1907	3176	4830	7466
3,0	408	559	903	1441	2168	3610	5492	8488
3,5	466	711	1149	1833	2759	4594	6988	10016
4,0	515	786	1269	2026	3050	5078	7724	11070
4,5	563	860	1389	2217	3338	5557	8453	12115
5,0	614	938	1516	2419	3641	6062	9221	13216
5,5	662	1011	1633	2607	3924	6533	9938	14243
6,0	713	1089	1759	2807	4226	7036	10702	15340
6,5	762	1163	1880	3000	4516	7519	11437	16392
7,0	811	1238	2000	3192	4805	8000	12168	17441
7,5	861	1315	2125	3391	5105	8500	12929	18532
8,0	910	1389	2244	3582	5392	8977	13654	19571
8,5	958	1462	2663	3771	5677	9451	14376	20606
9,0	1008	1539	2487	3970	5975	9949	15133	21689
9,5	1056	1612	2605	4157	6258	10420	15849	22716
10	1103	1685	2722	4344	6540	10888	16562	23738
11	1204	1838	2969	4739	7134	11878	18067	25897
12	1301	1986	3209	5121	7709	12835	19523	27983
13	1397	2133	3447	5501	8281	13788	20972	30060
14	1497	2285	3693	5894	8873	14772	22470	32206
15	1597	2438	3939	6287	9464	15757	23968	34354
16	1692	2584	4175	6663	10030	16700	25402	36409
17	1787	2729	4409	7038	10594	17638	26829	38454
18	1887	2880	4654	7428	11182	18617	28319	40590
19	1986	3032	4899	7819	11771	19507	29810	42727
20	2075	3168	5119	8169	12297	20474	31144	44638
21	-	3162	5150	8217	12370	-	-	-
22	-	3305	5389	8591	12932	-	-	-
23	-	3449	5619	8964	13494	-	-	-
24	-	3593	5853	9338	14056	-	-	-
25	-	3736	6087	9711	14619	-	-	-
26	-	3880	6321	10085	15181	-	-	-
27	-	4024	6555	10458	15743	-	-	-
28	-	4168	6789	10832	16305	-	-	-
29	-	4311	7023	11205	16868	-	-	-
30	-	4455	7247	11579	17430	-	-	-