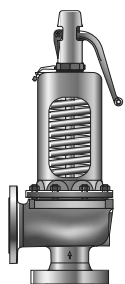


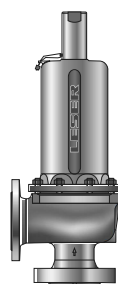
Type 457, 458 Article numbers

			DN _{H₂O}	25 x 50	25 x 50	50 x 80	50 x 80	80 x 100	80 x 100
			Valve size	1" x 2"	1" x 2"	2" x 3"	2" x 3"	3" x 4"	3" x 4"
			Actual Orifice diameter d ₀ [mm]	15	20	30	40	50	60
			Actual Orifice area A ₀ [mm ²]	177	314	707	1257	1964	2827
Body material: 1.0619 (WCB)									
Bonnet closed	H2	Art. No. 4582.	6102	6112	6122	6132	6142	6152	
	H3	Art. No. 4582.	6103	6113	6123	6133	6143	6153	
	H4	Art. No. 4582.	6104	6114	6124	6134	6144	6154	
open	H3	Art. No. 4572.	6105	6115	6125	6135	6145	6155	
Body material: 1.7357 (WC6)									
Bonnet closed	H2	Art. No. 4587.	6302	6312	6322	6332	6342	6352	
	H3	Art. No. 4587.	6303	6313	6323	6333	6343	6353	
	H4	Art. No. 4587.	6304	6314	6324	6334	6344	6354	
open	H3	Art. No. 4577.	6305	6315	6325	6335	6345	6355	
Body material: 1.4581 (CF10M)									
Bonnet closed	H2	Art. No. 4584.	6202	6212	6222	6232	6242	6252	
	H4	Art. No. 4584.	6204	6214	6224	6234	6244	6254	

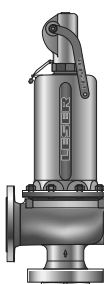
			DN _{H₂O}	100 x 150	100 x 150	100 x 150	100 x 150	150 x 250
			Valve size	4" x 6"	4" x 6"	4" x 6"	4" x 6"	6" x 10"
			Actual Orifice diameter d ₀ [mm]	50	60	74	88	110
			Actual Orifice area A ₀ [mm ²]	1964	2827	4301	6082	9503
Body material: 1.0619 (WCB)								
Bonnet closed	H2	Art. No. 4582.	6162	6172	6182	6192	4602	
	H3	Art. No. 4582.	-	-	-	-	-	
	H4	Art. No. 4582.	6124	6174	6184	6194	4604	
open	H3	Art. No. 4572.	6125	6175	6185	6195	4605	
Body material: 1.7357 (WC6)								
Bonnet closed	H2	Art. No. 4587.	6362	6372	6382	6392	-	
	H3	Art. No. 4587.	-	-	-	-	-	
	H4	Art. No. 4587.	6364	6374	6384	6394	-	
open	H3	Art. No. 4577.	6365	6375	6385	6395	-	
Body material: 1.4581 (CF10M)								1.4408 (CF8M)
Bonnet closed	H2	Art. No. 4584.	6262	6272	6282	6292	4732	
	H4	Art. No. 4584.	6264	6274	6284	6294	4734	



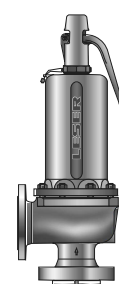
Type 457
Plain lever H3
Open bonnet
Conventional design



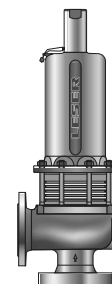
Type 458
Cap H2
Closed bonnet
Conventional design



Type 458
Packed lever H4
Closed bonnet
Conventional design



Type 458
Plain lever H3
Closed bonnet
Conventional design



Type 458
Cap H2
Closed bonnet
Balanced bellows design

Type 457, 458

Dimensions and weights

Metric Units

	DN _{trO}	25 x 50	25 x 50	50 x 80	50 x 80	80 x 100	80 x 100	100 x 150	100 x 150	100 x 150	100 x 150	150 x 250
	Valve size	1" x 2"	1" x 2"	2" x 3"	2" x 3"	3" x 4"	3" x 4"	4" x 6"	4" x 6"	4" x 6"	4" x 6"	6" x 10"
Actual Orifice diameter d _o [mm]		15	20	30	40	50	60	50	60	74	88	110
Actual Orifice area A _o [mm ²]		177	314	707	1257	1964	2827	1964	2827	4301	6082	9503
Weight [kg]		20	20	45	45	88	88	157	157	157	157	131
	with bellows	22	22	48	48	108	108	188	188	188	188	162
Center to face¹⁾ [mm]	Inlet a	135	135	170	170	190	190	225	225	225	225	300
	Outlet b PN 40	120	120	145	145	180	180	235	235	235	235	225
	Outlet b PN 63	120	120	145	145	205	205	265	265	265	265	–
	Outlet b PN 160	130	130	–	–	–	–	–	–	–	–	–
Measure [mm]	PN 40 – 160 s	41	41	53	53	53	53	60	60	60	60	43
Used to find bolt length for inlet flange	PN 250 s	41	41	53	53	60	60	68	68	68	68	–
	PN 400 s	50	50	–	–	–	–	–	–	–	–	–
Height (H4) [mm]	Standard H max.	506	506	699	699	832	832	1079	1079	1079	1079	1098
	Bellows H max.	541	541	779	779	930	930	1170	1170	1170	1170	1156
Support brackets [mm]	A	140	140	184	184	278	278	364	364	364	364	320
	B	–	–	110	110	160	160	210	210	210	210	185
	C	Ø 14	Ø 14	Ø 14	Ø 14	Ø 18	Ø 18	Ø 18	Ø 18	Ø 18	Ø 18	Ø 18
	D	162	162	209	209	240	240	303	303	303	303	392
	E	18	18	18	18	27	27	32	32	32	32	28
Body material: 1.0619 (WCB)												
DIN Flange²⁾	Inlet	PN 63 – 250					PN 63 – 160					PN 40
	Outlet	PN 40 – 63					PN 40					PN 16
Body material: 1.7357 (WC6)												
DIN Flange²⁾	Inlet	PN 63 – 250					PN 63 – 160					–
	Outlet	PN 40 – 63					PN 40					–
Body material: 1.4581 (CF10M)												1.4408 (CF8M)
DIN Flange²⁾	Inlet	PN 63 – 250					PN 63 – 160					PN 40
	Outlet	PN 40 – 63					PN 40					PN 16

¹⁾ Please note: For design with welding flanges attention should be paid to differing center to face dimensions.

²⁾ Standard flange rating. For other flange drillings please refer to page 97.

