

High Leverage Spring-Loaded Ball Float Type Drain Traps

For Low Flows at Pressures to 255 bar and Specific Gravity Down to 0,40



Table LD-459-1. HLS Series List of Materials					
Model No.	Valve & Seat	Leverage System	Float	Body & Cap	Gasket
2313-HLS 2315-HLS 2316-HLS	Stainless Steel			ASTM A105 Forged Steel	Compressed Asbestos-free
2413-HLS 2415-HLS 2416-HLS 25133G-HLS 25155G-HLS 26155G-HLS				ASTM A182 Grade F22 Forged Steel	

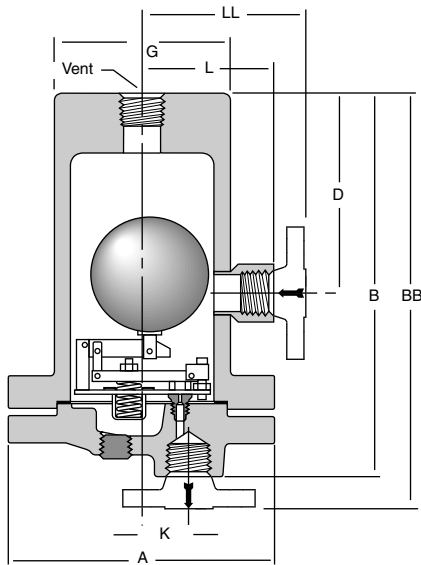


Figure LD-459-1.
High leverage ball float drain trap.

Table LD-459-2. HLS Series Physical Data in mm									
Model No.	2313-HLS †	2315-HLS	2316-HLS †	2413-HLS †	2415-HLS †	2416-HLS	25133G-HLS	25155G-HLS	26155G-HLS
Pipe Connections	15 – 20 – 25	25 – 32 – 40	40 – 50	15 – 20 – 25	25 – 32 – 40	40 – 50	15 – 20 – 25	20 – 25 – 32	25 – 32 – 40
"A"	203	248	302	219	273	318	216	263	298
"B"	295	381	435	305	379	448	362	412	613
"BB" (PN100 – 160 – 250*)	343 – 349 – 355	442 – 444 – 446	500 – 505	353 – 360 – 366	440 – 444 – 448	515 – 526	472 – 473 – 487	540 – 540 – 540	740 – 740
"D"	154	198	229	137	184	229	75	102	127
"G"	130	175	213	137	175	219	146	187	213
"K"	37	44	54	37	44	54	33	44	44
"L"	98	119	146	102	122	148	–	–	–
"LL" (PN100 – 160 – 250*)	145 – 153 – 159	171 – 173 – 175	198 – 204	149 – 156 – 162	181 – 183 – 187	211 – 244	185 – 187 – 190	214 – 214 – 214	224 – 224
Weight in kg (screwed & SW)	21	44	73	31	59	95	51	78	147
Weight in kg (PN100 – 160 – 250*)	23,0 – 25,0 – 26,0	46,0 – 50,0 – 53,0	84,2 – 88,2	35,0 – 37,0 – 38,0	60,6 – 64,6 – 67,6	104,0 – 108,0	56,0 – 57,0 – 58,0	101,0 – 102,0 – 103,0	154,2 – 160,2
Maximum Allowable Pressure (Vessel Design)	69 bar @ 38°C 41 bar @ 400°C			103 bar @ 38°C 62 bar @ 454°C	125 bar @ 38°C 62 bar @ 482°C	146 bar @ 38°C 117 bar @ 482°C	174 bar @ 38°C 138 bar @ 482°C	255 bar @ 38°C 207 bar @ 482°C	

Note: Available with screwed, socketweld or flanged connections.

† Available with cast 316 stainless steel body and all stainless steel internals. Consult factory.

* Other flange sizes, ratings and face-to-face dimensions are available on request.

All products are CE Marked according to the PED (97/23/EC).

All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.