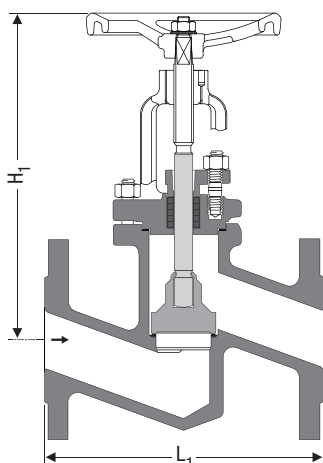




Stuffing-box sealed stop valve GAV...

Description

Straight-through **stuffing-box sealed** stop valve with flanges to EN 1092 or butt-weld ends (BW) to EN 12627. The valve is designed for shutting off and throttling neutral gases, vapours and liquids in all sectors of industry.

Material

Type	DN	PN	EN	ASTM*)
GAV 126	50 – 200	63	GP240GH+N	A216WCB
GAV 130	50 – 200	100	GP240GH+N	A216WCB
GAV 136	15 – 25	160	P250GH	A105
GAV 136	32 – 200	160	GP240GH+N	A216WCB
GAV 136SE	15 – 50	160	16MO3	A182F1
GAV 136SE	65 – 200	160	GP240GH+N	A216WCB
Up to 550 °C				
GAV 126	50 – 200	63	G17CrMo5-5	A217WC6
GAV 130	50 – 200	100	G17CrMo5-5	A217WC6
GAV 136	15 – 25	160	13CrMo4-5	A182F11
GAV 136	50 – 200	160	G17CrMo5-5	A217WC6
GAV 136SE	15 – 50	160	13CrMo4-5	A182F11
GAV 136SE	65 – 200	160	G17CrMo5-5	A217WC6

*) ASTM nearest equivalent is stated for guidance only. Physical and chemical properties comply with EN.

Specification

Type	PN	Material	Service pressure p / Inlet temperature T (barg/°C)						
			20	300	400	450	500	530	550
GAV 126	63	GP240GH+N	63	44	38	21	–	–	–
GAV 130	100	GP240GH+N	100	69	60	33	–	–	–
GAV 136, GAV 136SE	160	P250GH / GP240GH+N	160	110	95	53	–	–	–
GAV 136SE	160	16MO3	160	137	120	110	71	36	–
GAV 126	63	G17Cro5-5	63	63	57	53	41	23	15
GAV 130	100	G17Cro5-5	100	100	90	84	65	37	23
GAV 136, GAV 136SE	160	13CrMo4-5 / G17Cro5-5	160	160	144	135	104	59	37

Dimensions [mm]

PN 63 – 160 flanged ends	DN	15	20	25	32	40	50	65	80	100	125	150	200
Overall length	L ₁	210	230	230	260	260	300	340	380	430	500	550	650
GAV 126, GAV 130, GAV 136	H ₁	230	230	230	310	310	315	415	500	550	620	625	855
PN 63 – 160 butt-weld ends	DN	15	20	25	32	40	50	65	80	100	125	150	200
Overall length	L ₁	150	150	160	180	210	250	420	460	510	600	650	750
GAV 136SE	H ₁	230	230	230	310	310	315	415	500	550	620	625	855

Weights [kg]

PN 63 – 160 flanged ends	DN	15	20	25	32	40	50	65	80	100	125	150	200
GAV 126	–	–	–	–	–	–	25	40	55	85	125	150	260
GAV 130	–	–	–	–	–	–	26	45	58	88	135	170	285
GAV 136	9.5	11	12.5	16.5	20.5	26	45	60	90	135	175	320	
PN 63 – 160 butt-weld ends	DN	15	20	25	32	40	50	65	80	100	125	150	200
GAV 136SE	6.5	7.5	8.5	11	13.5	17	30	45	72	110	165	215	

If the following differential pressures are exceeded in valves with standard plug, a pressure balance plug is required.

Pressure balance plug

	DN	65	80	100	125	150	200
GAV 126, GAV 130, GAV 136, GAV 136SE		110	70	44	33	21	14

K_{vs} Values [m³/h]

	DN	15	20	25	32	40	50	65	80	100	125	150	200
GAV 126, GAV 130, GAV 136	PN 63, 100, 160	2.7	4	5	16	17	26	50	80	125	200	280	580