



Atlas Copco GVS 16A, 25A, 40A, 60A, 100A, 200A, 300A, 470A, 630A

Technical Specifications

PUMP TYPE	Pumping speed		Ultimate pressure		Motor size				Water handling capability			Motor supply specification
					1 ph		3 ph		Vapor limit			
	m ³ /h	cfm	mbar(a)	Torr	kW	hp	kW	hp	mbar	kg/h		
GVS 16 A	16	9	0.5	0.4	0.75	1	0.75	1	15	11	0.05	1 - 200-240V 50Hz / 3 - 200-240.380-415V 50Hz
	19	11	0.5	0.4	0.9	1.2	0.9	1.2	15	11	0.05	1 - 200-240V 60Hz / 3 - 200-240.380-460V 60Hz
GVS 25 A	25	15	0.5	0.4	0.75	1	0.75	1	15	11	0.08	1 - 220-230V 50Hz / 3 - 200-240.380-415V 50Hz
	29	17	0.5	0.4	0.9	1.2	0.9	1.2	15	11	0.08	1 - 220-230V 60Hz / 3 - 200-240.380-460V 60Hz
GVS 40 A	44	26	0.5	0.4	1.1	1.5	1.1	1.5	30	23	0.76	1 - 200-240V 50Hz / 3 - 230. 400V 50Hz / 3 - 190-230.380-440V 50Hz
	53	31	0.5	0.4	1.5	2	1.5	2	30	23	0.76	1 - 200-240V 60Hz / 3 - 230. 400V 60Hz / 3 - 190-240.380-480V 60Hz
Oxygen variant available (3)												
GVS 60 A	59	35	0.5	0.4	-	-	1.5	2.2	30	23	1	3 - 230. 400V 50Hz / 3 - 220-230. 380-400V 50Hz
	71	42	0.5	0.4	-	-	1.8	3	30	23	1	3 - 230. 460V 60Hz / 3 - 220-230. 380-460V 60Hz
GVS 100 A (1)	98	57	0.5	0.4	-	-	2.2	3	30	23	1.6	3 - 230. 400V 50Hz / 3 - 220-240. 380-415V 50Hz
	117	69	0.5	0.4	-	-	3.5	5	30	23	1.6	3 - 230. 460V 60Hz / 3 - 220-230. 380-460V 60Hz
GVS 150 (1)(2)	151	89	0.1	0.08	-	-	3.3	4.4	11	8	1.4	3 - 230. 400V 50Hz
	181	107	0.1	0.08	-	-	3.7	5	11	8	1.4	3 - 208-230V 60Hz / 3 - 265. 460V 60Hz
GVS 200 A (1)	180	106	0.1	0.08	-	-	4	6	30	23	3.4	3 - 200-240V 50Hz / 3 - 220-240. 380-415V 50Hz / 3 - 400V 50Hz
	220	130	0.1	0.08	-	-	5.5	7.5	30	23	3.4	3 - 440-460V 60Hz / 3 - 208-230. 460V 60Hz / 3 - 200-230. 380-460V 60Hz
GVS 300 A (1)	280	165	0.1	0.08	-	-	5.5	7.5	10	8	1.3	3 - 200-240V 50Hz / 3 - 220-240. 380-415V 50Hz / 3 - 400V 50Hz
	340	200	0.1	0.08	-	-	6.3	8.6	10	8	1.3	3 - 440-460V 60Hz / 3 - 208-230. 460V 60Hz / 3 - 200-230. 380-460V 60Hz
GVS 470 A	470	277	0.1	0.08	-	-	9.2	12	15	11	5	3 - 400V 50Hz / 3 - 200-240. 380-415 50Hz
	570	366	0.1	0.08	-	-	11	15	15	11	5	3 - 230. 440-480V 60Hz / 3 - 200-230. 380-460V 60Hz
GVS 630 A	700	412	0.1	0.08	-	-	15	20	40	30	17	3 - 400V 50Hz / 3 - 200-240. 380-415 50Hz
	840	494	0.1	0.08	-	-	18.5	25	40	30	17	3 - 230. 440-480V 60Hz / 3 - 200-230. 380-460V 60Hz

(1) Variant also available without motor

(2) Old GVS range, no oxygen variant on this size

(3) Oxygen variants will have an ultimate pressure of 1 mbar(a)/0.8 torr



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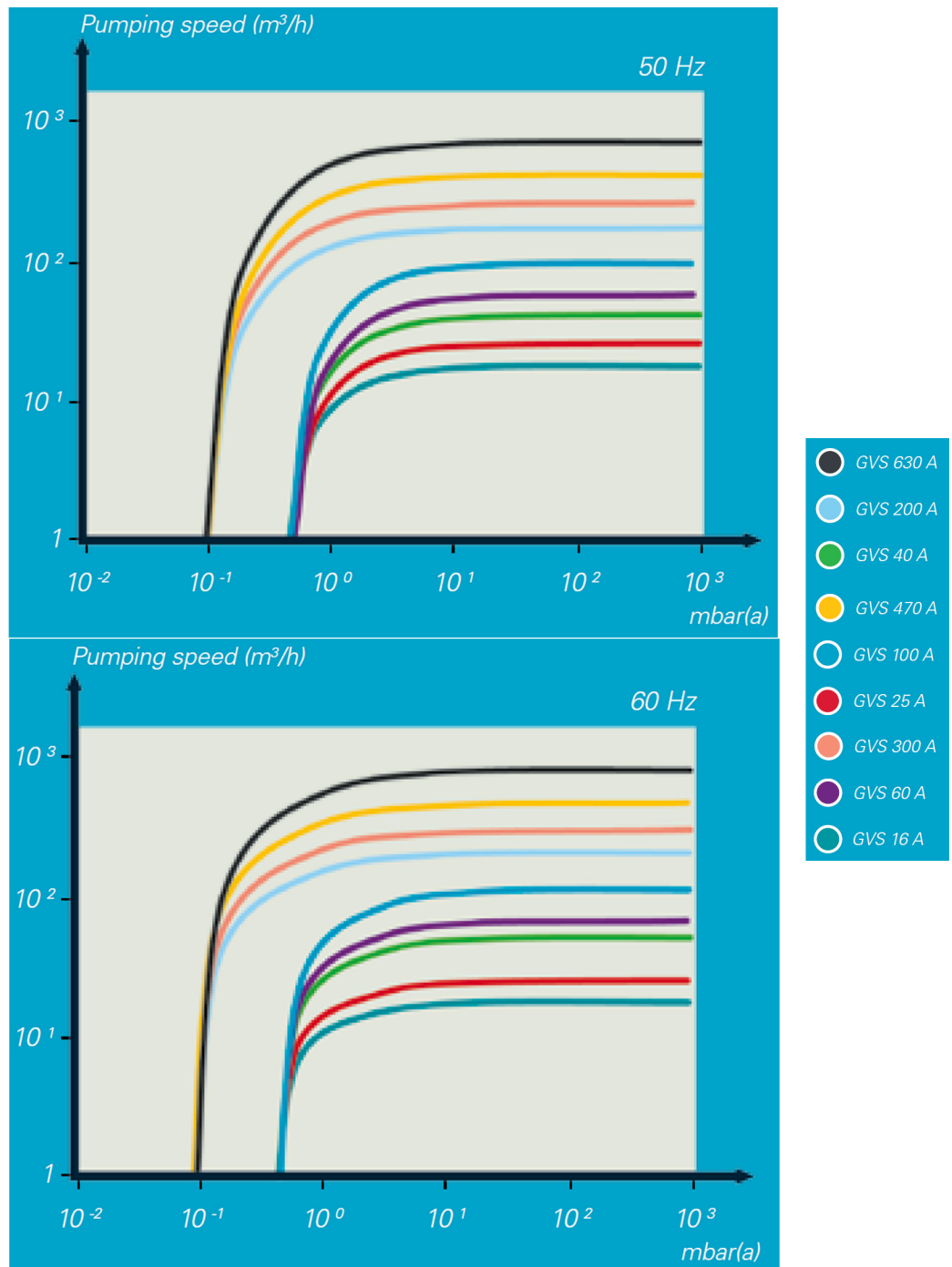
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Atlas Copco GVS 16A, 25A, 40A, 60A, 100A, 200A, 300A, 470A, 630A Pumping Curves





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Atlas Copco GVS 16A, 25A, 40A, 60A, 100A, 200A, 300A, 470A, 630A Features & Benefits

- highest possible performance at lowest possible lifecycle cost
- built-in gas ballast
- lubricant retention & return mechanism
- continuous operation between atmospheric pressure & ultimate pressure
- integrated bypass valve protects against over pressurization
- oil separation circuit optimized to minimize oil vapors in exhaust gas
- protected against counter rotation
- compact design makes it easy to install
- low noise & vibration levels
- cool pump temperatures allow longer oil lifetime

Applications

- packaging • woodworking • rubber • plastics • electronics • paper & printing • material handling • research & development • electronics
- medical vacuum • environmental • modified atmosphere packaging
- clay molding • freeze drying

