

# VAR range

The VAR range of self-priming centrifugal pumps are for applications where the main feature is the difficulty in priming. Even with suction heights of several meters, the machine quickly evacuates the air from the suction pipe and starts pumping. Additionally, thanks to the semi-open impeller, the VAR range is also suitable for pumping liquids with solids in suspension.

## TECHNICAL DATA

Specifications		VAR 4-225	VAR 4-250	VAR 4-316	VAR 6-250	VAR 6-251	VAR 6-350	VAR 6-400	VAR 8-300	VAR 8-305	VAR 10-305	VAR 12-400
<b>Max. head</b>	m	53	40	57,5	33	24,5	44	58	32,5	35	39	29,3
<b>Max. capacity</b>	m³/h	150	180	190	340	260	310	480	580	560	690	1400
<b>Suction / discharge size</b>		Threaded 4" BSP	Threaded 4" BSP	Threaded 4" BSP	Flanged DN 150 D.I. 1882 (6")	Flanged DN 150 D.I. 1882 (6")	Flanged DN 150 D.I. 1882 (6")	Flanged DN 150 D.I. 1882 (6")	Flanged DN 200 UNI 6082 (8")	Flanged DN 200 UNI 6082 (8")	Flanged DN 250 D.I. 1882 (10")	Flanged DN 300 UNI 6082 (12")
<b>Max. solids handling</b>	mm	35	50	38	76	50	37	50	60	76	76	70
<b>Best efficiency point</b>	%	65	65	55	60	65	58	64	60	53	70	54
<b>Max. absorbed power</b>	kW	22,8	16,5	33,5	25	11,5	34	78	41	31	45	85,5
<b>Engine</b>												
<b>Model</b>		Hatz Perkins	Deutz Kohler	Deutz Kohler	Deutz Kohler	Kohler	Deutz Kohler	Deutz	Deutz Kohler	Deutz Kohler	Deutz Kohler	Deutz Kohler
<b>Cooling system</b>		Air Liquid	Air Liquid	Air Liquid	Air Liquid	Air Liquid	Air Liquid	Air Liquid	Air Liquid	Air Liquid	Air Liquid	Air Liquid
<b>Emission compliance</b>		Stage 3A	Stage 3A	Stage 3A	Stage 3A	Stage 3A	Stage 3B	Stage 3B	Stage 3B	Stage 3B	Stage 3B	Stage 3B
<b>Max. engine power</b>	kW	38	24,3	34	28,4	10,7	45	78,2	47,7	33,6	47,7	79,1
<b>Max. operating speed</b>	rpm	3000	2000	2000	2000	1700	1600	1800	1800	1800	1800	1150
<b>Max. fuel autonomy</b>	h	27	48	55	42	110	28	28	47	50	47	29
<b>Weight and dimensions</b>												
<b>Weight</b>	kg	780	780	820	835	700	1155	1550	1115	1080	1600	2015
<b>Width</b>	mm	995	995	995	995	995	995	995	995	995	995	1145
<b>Length</b>	mm	1770	1770	1770	1770	1770	1770	2750	2250	2250	2750	2850
<b>Height</b>	mm	1520	1520	1520	1520	1520	1520	1800	1700	1700	1800	2035

All six configurations are available.

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To download a full data sheet please go to [www.podshop.com/atlascopco](http://www.podshop.com/atlascopco) and input the model number.