

# VAR range

The **VAR range** of wet prime pumps offers a robust and flexible solution for dewatering applications. The technology allows having a simple first prime due to its first water fill-in capabilities.

Due to its open impeller and solids handling capabilities, the equipment is perfectly suitable for medium construction and flood controls.

## WET PRIME SYSTEM

- The system allows the unit to prime in any conditions through first water fill.
- The liquid rings formed evacuate air for quick priming



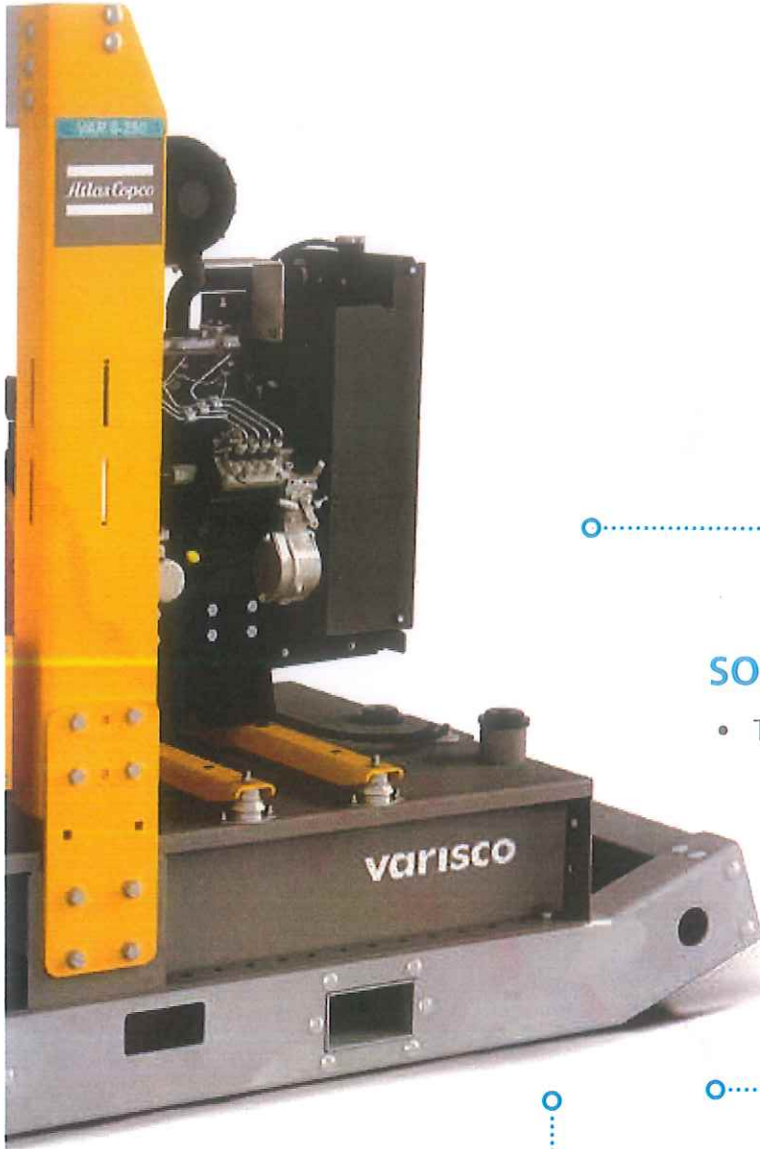
## MOBILITY PACKAGE

- Open-frame version is available.



## MECHANICAL SEAL FLUSHING

- Integrated port on pump casing to flush the mechanical seal.
- Solution guarantees the correct startup of the units and helps prevent possible casing failure due to fluid solidification.



## SOLIDS HANDLING CAPABILITY

- The whole range can handle high solids.



## Key options

- Impeller CF3M
- Wear plate CF3M
- Stainless steel shaft
- Zinc anodized
- Fleet Link

## FLEX-MOUNT SYSTEM

- Integrated vibration mounts eliminate unwanted vibration.

# VAR range

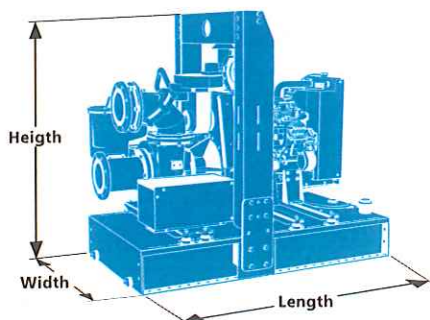
## Technical data



		stageV	stageV	stageV	stageV	stageV	stageV
Specifications		VAR 4-250	VAR 6	VAR 6-250	VAR 8-305	VAR 10-305	VAR 12-400
Max. head	m	40*	26	33	35	39	29,3
Max. capacity	m <sup>3</sup> /h	180	300	340	560	690	1400
Suction /discharge size		Threaded 4" BSP	Flanged DN 150 D.I. 1882 (6")	Flanged DN 150 D.I. 1882 (6")	Flanged DN 200 UNI 6082 (8")	Flanged DN 250 D.I. 1882 (10")	Flanged DN 300 UNI 6082 (12")
Max. solids handling	mm	50	50	76	76	76	70
Best efficiency point	%	65	65	60	53	70	54
Max. absorbed power	kW	16,5	14	25	31	45	85,5
<b>Engine</b>							
Emission compliance EU (Stage)	EU	Stage V	Stage V	Stage V	Stage V	Stage V	Stage IV
Emission compliance LRC (Tier)	LRC	T2 - T3	-	T2 - T3	T2 - T3	T2 - T3	T2 - T3
Max. engine power	kW	24,3	19	28,4	33,6	47,7	79,1
Max. operating speed	rpm	2000	1800	2000	1800	1800	1150
Max. fuel autonomy	h	48	45	42	50	47	29
<b>Weight and dimensions<sup>(1)</sup></b>							
Weight (dry)	kg	905	950	935	1205	1850	2125
Length	mm	1750	1750	1750	2500	2800	2800
Width	mm	950	950	950	950	1450	1450
Height	mm	1520	1520	1520	1850	1850	1850

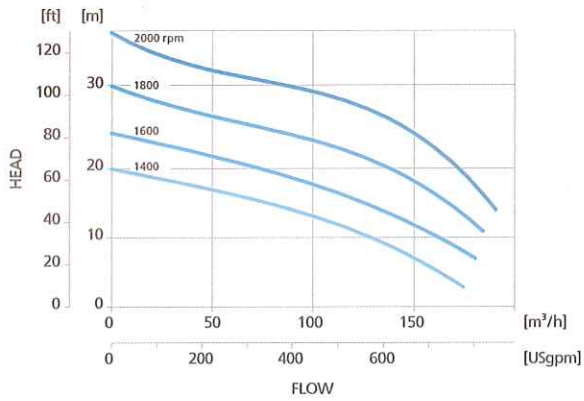
\* Applicable for T2-T3 models only, for Stage 5 Variant max head is 32m

(1) Dimensions refer to the Block model. Please refer to the datasheet with overall dimensions with options

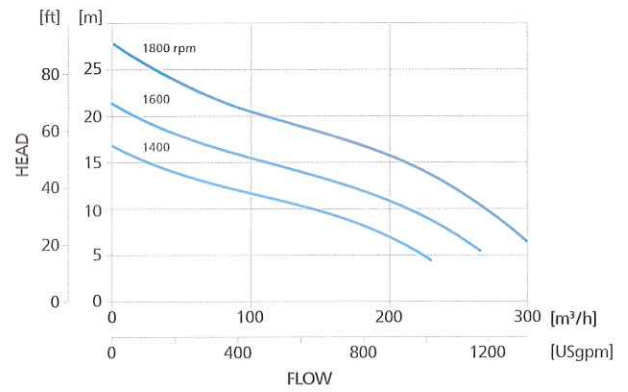


# Performance curves

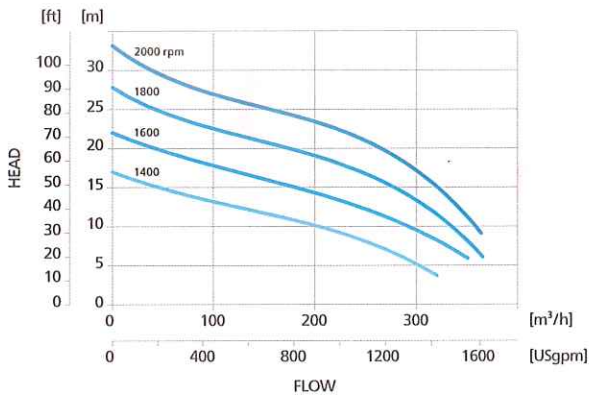
**VAR 4-250**



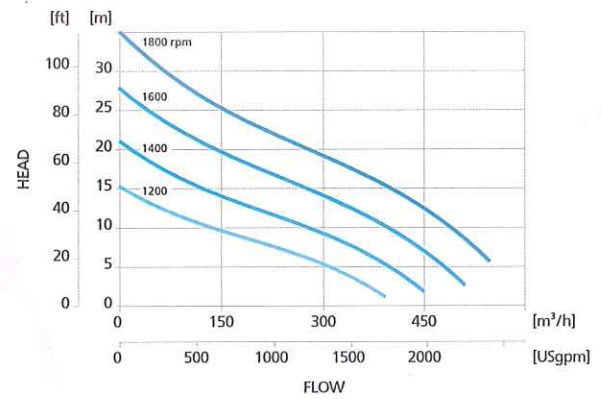
**VAR 6**



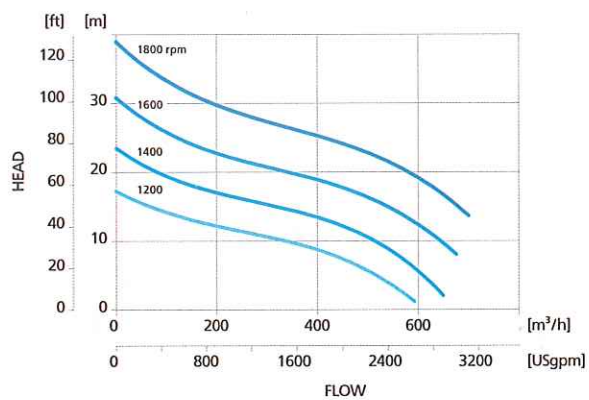
**VAR 6-250**



**VAR 8-305**



**VAR 10-305**



**VAR 12-400**

