



**RÉPARATION**



**VENTE**



**LOCATION**

**de pompes et systèmes de pompage**

**Nos différentes gammes selon vos besoins :**



Pompe à engrenage interne



Pompe centrifuge



Pompe à engrenages externes



Pompe à membranes  
(pneumatique ou électrique)



Pompe péristaltique



Pompe doseuse



Pompe multicellulaire



Motopompe de chantier



Pompe à piston excentré



Pompe de relevage



Agitateur



Pompe de forage

# VAR 3-100 MKL68 G10 TROLLEY D

Diesel - Qmax 70 m<sup>3</sup>/h (310 USgpm) - Hmax 22 m (72 ft)



## VAR - Self-priming centrifugal pumps

These 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.

## Applications

Both Atlas Copco and Varisco have decades of experience in designing and producing pumps. We have put those years of expertise into providing a solutions portfolio that works across multiple applications. The VAR range is packed with features that not only meet, but exceed the needs of the market. We are focused on an efficient, extremely versatile pump that is suitable for many industries, including construction, general dewatering and emergency applications, such as flood clean up.

## Benefits

### Rapid self-priming

Without foot valve up to a height of 7.5 m (24.5 ft)

### High resistance

To abrasive liquids and turbid sandy waters

### Semi-open impeller

Solids handling up to 25 mm (1")

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## Performance curves

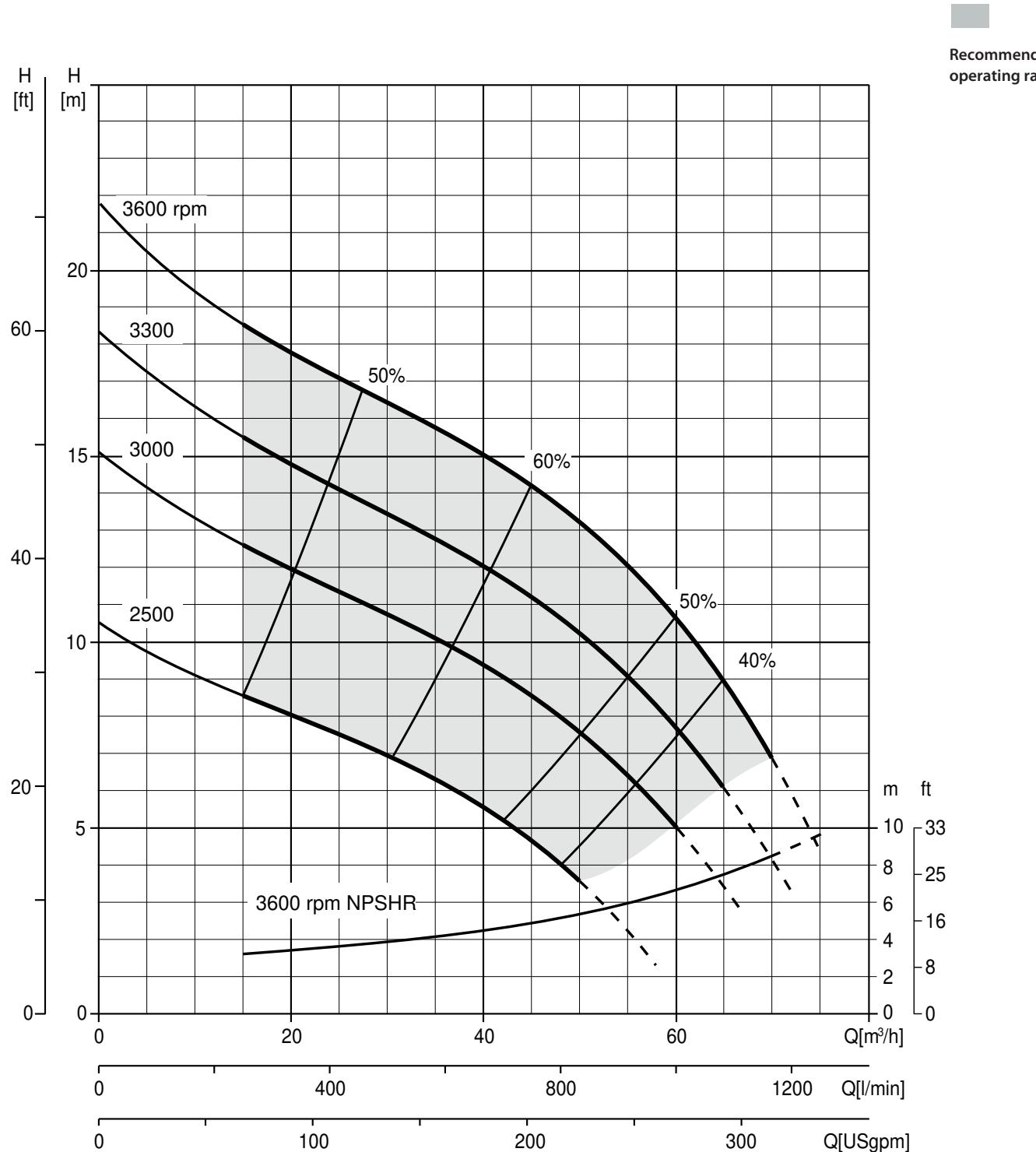
Test according to UNI EN ISO 9906 standard - level 2

Test liquid: clean water, density 1,000 kg/m<sup>3</sup>

Spherical solids handling: D.25 mm (1")

Priming time: 18 s from 1,5 m (4.9 ft)

Max absorbed power: 3,4 kW - 4.6 HP (3.600 rpm)



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## Technical data

### Pump

Model	VAR 3-100
Qmax	70 m <sup>3</sup> /h - 1.170 l/min (300 USgpm)
Hmax	22 m (72 ft)
Q max eff.	45 m <sup>3</sup> /h - 750 l/min (200 USgpm)
Eff. max	60 %
Suction port	Threaded - 3" BSP
Delivery port	Threaded - 3" BSP
Impeller type	Semi-Open, 3 vane
Solids handling	25 mm (1.0 ")
Material	G10
Casing	EN-GJL-200 cast iron
Impeller	EN-GJL-200 cast iron
Shaft	C45 steel
Mechanical seal	Silicon carbide
Elastomers	NBR

### Engines

Make	Kohler				
Model	15LD350 (LD68)				
Type	Diesel direct injection, aspirated				
Displacement	349 cm <sup>3</sup> (21 in <sup>3</sup> )				
No. cylinders	1				
Cooling	Air				
Rpm type	Variable				
Standard speed	3.600 rpm				
EU emissions	Stage V				
US emissions	EPA Tier 4F				
Starting	Electric				
Oil change interval	250 h				
Market	UE				
Speed [rpm]	2000	2500	3000	3300	3600
Consumption [l/h]	1	1,2	1,3	1,3	1,5
Power [kW]	2,9	3,7	4,2	4,5	4,7
Power [HP]	3,9	5	5,6	6	6,3

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## Arrangements

Technical data	
Material	S275JR EN 10025-2 carbon steel
Coatings	Bicomponent, average thickness of 80 µm
Color	Yellow and grey Atlas Copco (standard)
Features	Galvanised steel frame: chassis, lifting bar, adjustable handle, support foot. Tractor tires.
Tank	4,3 l (1.1 USG)

### VAR 3-100 D TROLLEY - R



Dimensions	610 x 945 x 980 mm 24 x 37 x 39 "
H suction port	0,42 m (1.4 ft)
Weight (LD56)	63 kg (140 lb)