



# TECH-POMPES

Les pompes du process  
et de l'assainissement



## 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 MKL67 G30 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")

**TECH-POMPES – ZA Prunelliers – 1 Rue des Prunelliers – 89100 Saint Martin du Tertre - FRANCE**

**Tél : + 33 (03) 86 66 57 47 – Fax : + 33 (03) 86 66 63 06**

**Site Internet : [www.tech-pompes.fr](http://www.tech-pompes.fr) .**

**Contact : [contact@tech-pompes.com](mailto:contact@tech-pompes.com)**

**RCS SENS 480 876 929 – Siret 480 876 929 00039**

**Code TVA FR 45 480 876929**

# VAR 3-100 MKL67 G30 TROLLEY D

## Performance curves

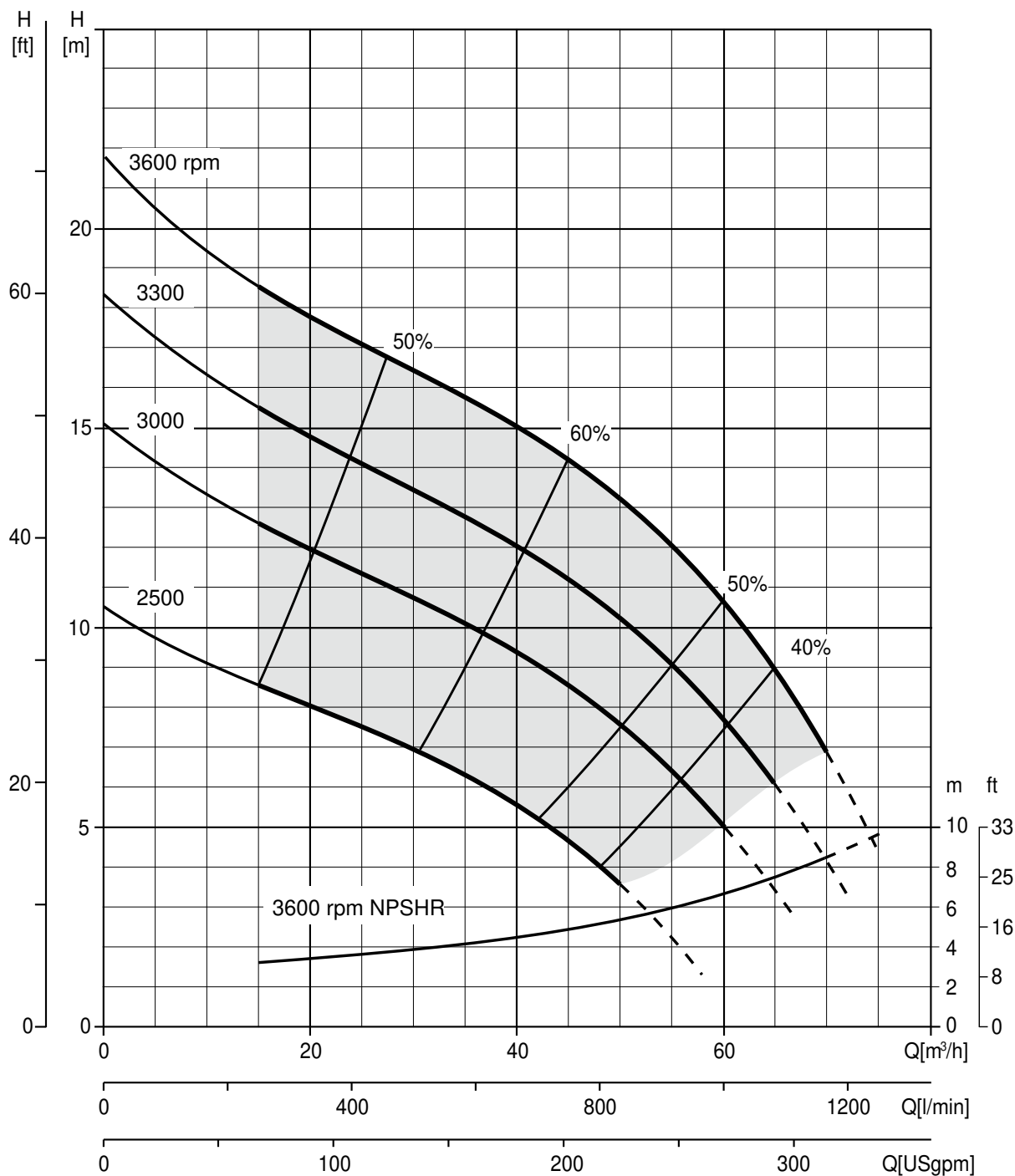
Test according to UNI EN ISO 9906 standard - level 2

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)



# VAR 3-100 MKL67 G30 TROLLEY D



## Technical data

### Pump

<b>Model</b>	VAR 3-100
<b>Qmax</b>	70 m <sup>3</sup> /h - 1.170 l/min (300 USgpm)
<b>Hmax</b>	22 m (72 ft)
<b>Q max eff.</b>	45 m <sup>3</sup> /h - 750 l/min (200 USgpm)
<b>Eff. max</b>	60 %
<b>Suction port</b>	Threaded - 3" BSP
<b>Delivery port</b>	Threaded - 3" BSP
<b>Impeller type</b>	Semi-Open, 3 vane
<b>Solids handling</b>	25 mm (1.0 ")
<b>Material</b>	G30
<b>Casing</b>	EN-GJL-200 cast iron
<b>Impeller</b>	EN-GJL-200 cast iron
<b>Shaft</b>	C45 steel
<b>Mechanical seal</b>	Graphite / Ceramic
<b>Elastomers</b>	NBR

### Engines

<b>Make</b>	Kohler				
<b>Model</b>	15LD350 (LD67)				
<b>Type</b>	Diesel direct injection, aspirated				
<b>Displacement</b>	349 cm <sup>3</sup> (21 in <sup>3</sup> )				
<b>No. cylinders</b>	1				
<b>Cooling</b>	Air				
<b>Rpm type</b>	Variable				
<b>Standard speed</b>	3.600 rpm				
<b>EU emissions</b>	Stage V				
<b>US emissions</b>	EPA Tier 4F				
<b>Starting</b>	Recoil				
<b>Oil change interval</b>	250 h				
<b>Market</b>	UE				
<b>Speed [rpm]</b>	<b>2000</b>	<b>2500</b>	<b>3000</b>	<b>3300</b>	<b>3600</b>
<b>Consumption [l/h]</b>	1	1,2	1,3	1,3	1,5
<b>Power [kW]</b>	2,9	3,7	4,2	4,5	4,7
<b>Power [HP]</b>	3.9	5	5.6	6	6.3

# VAR 3-100 MKL67 G30 TROLLEY D

## 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)