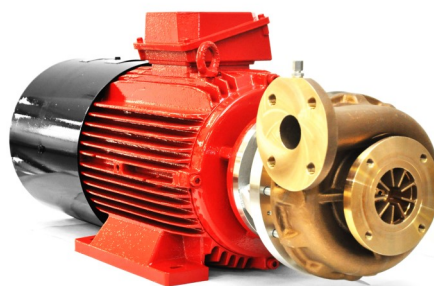


Varan III



Varan III+

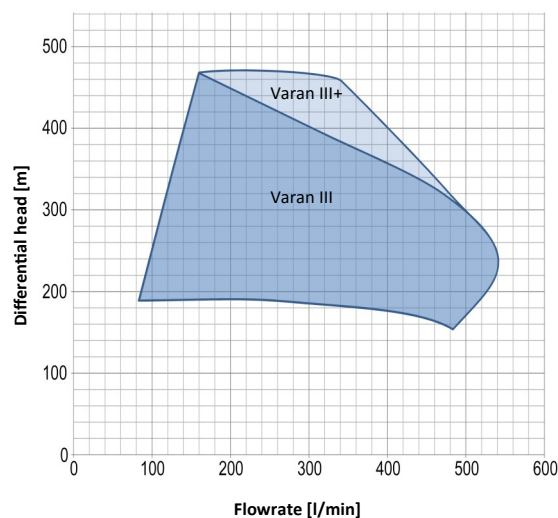


Technical Data

Model	Varan III (C-19/EM-40)	Varan III+ (C-19/EM-43)
Application	truck / trailer off-loading liquid storage transfer	
Liquid	LIN / LOX / LAR	
Seal	GRS	
Cold end	C-19	
Impeller diameter	190 mm	
Rotational speed	5500-8925 rpm	5500-8925 rpm
Flowrate range	100-550 l/min	
Flowrate at 450 m	200 l/min	360 l/min
Outlet pressure	up to 40 bar	
Drive	35 kW (400 V / 59 A) 40 kW (475 V / 57 A) grid or generator power supply	43 kW (400 V / 75 A) generator power supply required

Features

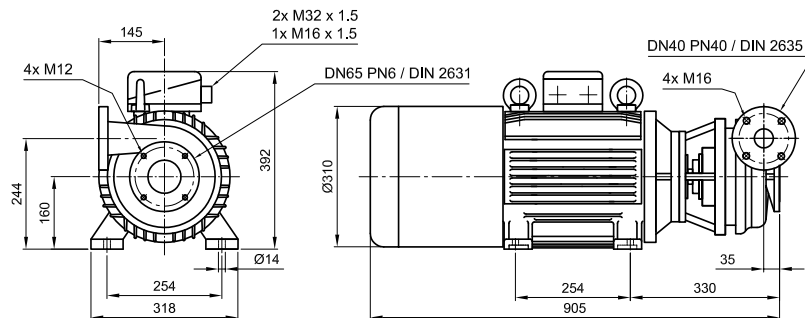
- ▶ Pumps designed for high pressure
- ▶ Diffuser technology for high efficiency and low bearing load
- ▶ Inducer technology for low NPSHr
- ▶ Fast cool down due to light weight cold end (34 kg)
- ▶ Single continuous shaft (no coupling) for easy maintenance, high reliability and low vibrations
- ▶ Gas riding seal for extended lifetime
- ▶ Motor with reduced frame size and special bearings for high speed applications
- ▶ Two drives available depending on power source
- ▶ High motor efficiency
- ▶ Designed for intermittent and continuous operation
- ▶ LOX-approved materials, cleaning procedures and assembly for all SEFCO pumps, irrespective of application



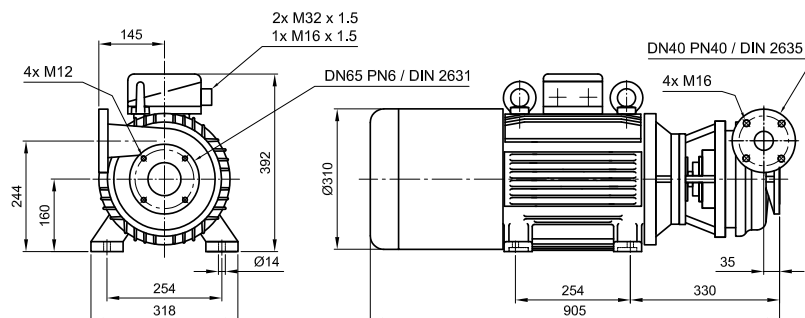
General Arrangement

all dimensions in [mm]

C-19/EM-40



C-19/EM-43



Scope of Supply

- ▶ Cold end type C-19 with electric motor
- ▶ Inducer and vane ring for low NPSHr
- ▶ Gas riding seal
- ▶ LIN performance test

Options

- ▶ Dual PT100 for leakage detection
- ▶ Dual PT100 for cool down survey
- ▶ Nickel-coated cold end
- ▶ Various skid arrangements
- ▶ Recommended 2 years spare parts
- ▶ Automatic control system

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