



C-19/EM-7.5 LCO<sub>2</sub>



C-19/EM-40 LCO<sub>2</sub>

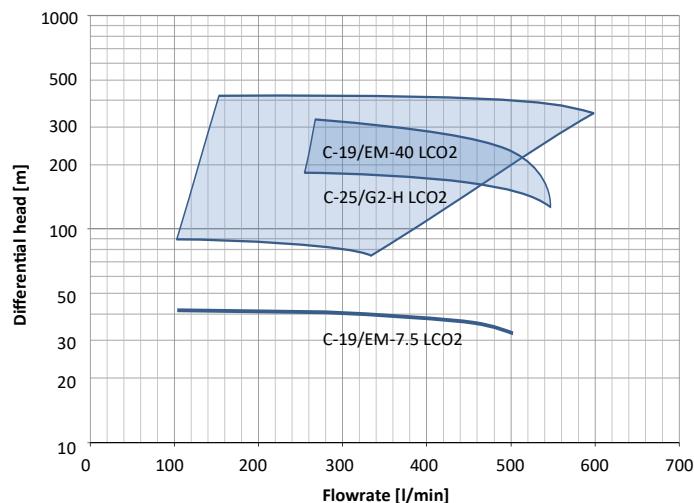


C-25/G2-H LCO<sub>2</sub>

Model	C-19/EM-7.5 LCO <sub>2</sub>	C-19/EM-40 LCO <sub>2</sub>	C-25/G2-H LCO <sub>2</sub>
<b>Application</b>	truck / trailer off-loading liquid storage transfer		
<b>Liquid</b>	LCO <sub>2</sub>		
<b>Seal</b>	GRS		
<b>Cold end</b>	C-19	C-19	C-25
<b>Impeller diameter</b>	190 mm	190 mm	250 mm
<b>Rotational speed</b>	2950 rpm	5500-7500 rpm	up to 6000 rpm
<b>Flowrate range</b>	100-500 l/min	250-550 l/min	100-600 l/min
<b>Suction pressure</b>	up to 24 bar		
<b>Outlet pressure</b>	up to 28 bar	up to 58 bar	up to 65 bar
<b>Power transmission</b>	direct, electric driven	direct, electric driven	gearbox G2
<b>Drive</b>	7.5 kW (400 V, 16 A)	35 kW (400 V, 59 A) 40 kW (475 V, 57 A)	hydraulic system of the trailer up to 75 kW

## Features

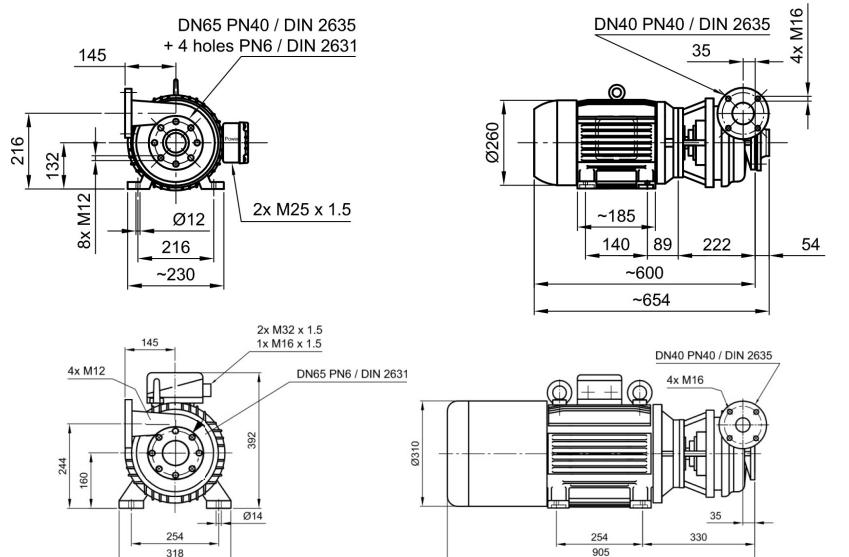
- ▶ Pumps designed for high pressure
- ▶ Diffusor technology for high efficiency and low bearing load
- ▶ High efficiency
- ▶ Inducer technology for low NPSH<sub>r</sub>
- ▶ Fast cool down due to light weight cold end
- ▶ Dedicated sealing for LCO<sub>2</sub> application
- ▶ Extended lifetime of the proven SEFCO gearbox G2
- ▶ Designed for intermittent and continuous operation
- ▶ C-25 outlet pressure up to 65 bar
- ▶ LOX-approved cleaning procedures and assembly for all SEFCO pumps, irrespective of application



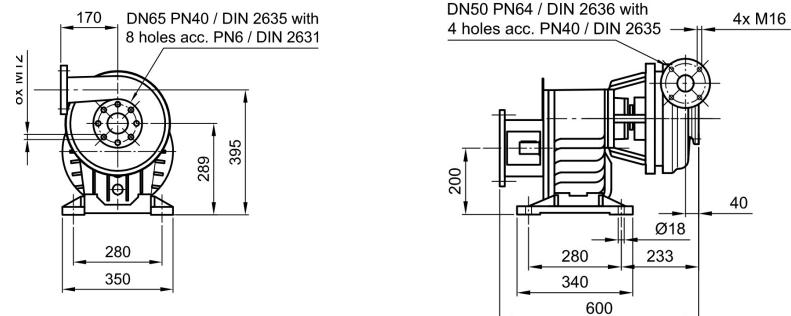
## General Arrangement

all dimensions in [in]

**C-19/EM-7.5 LCO2**



**C-19/EM-40 LCO2**



**C-25/G2-H LCO2**

## Scope of Supply

- Cold end type C-19 or C-25
- Inducer and vane ring for low NPSH<sub>r</sub>
- Mechanical seal GRS
- SEFCO gearbox type G2-H
- Connection to existing hydraulic powertrain

## Options

- Dual PT100 for leakage detection
- Dual PT100 for cool down survey
- Nickel-coated cold end for special applications
- Recommended 2 years spare parts
- For C-25/G2-H hydraulic motor

# sefco

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