



C-20/EM-30 LNG



C-19/IEH-H LNG

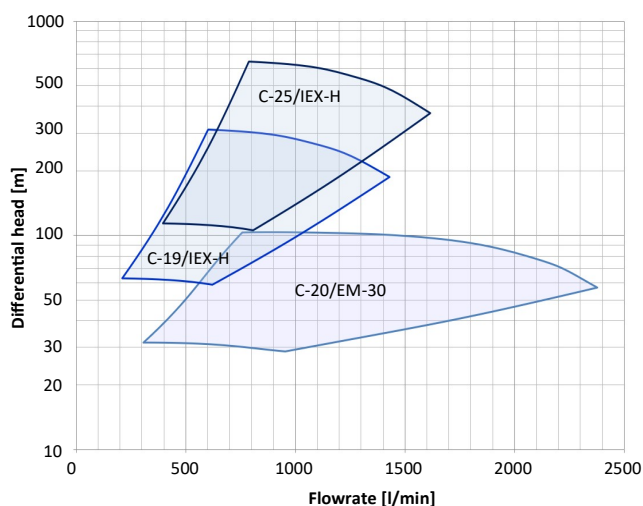


C-25/IEH-H LNG

Model	C-20/EM-30	C-19/IEX-H	C-25/IEX-H
Application	truck / trailer loading liquid storage transfer	truck / trailer off-loading liquid storage transfer	
Liquid	LNG		
Seal	GRD		
Cold end	C-20	C-19	C-25
Impeller diameter	210 mm	190 mm	250 mm
Rotational speed	3600 rpm	up to 7500 rpm	up to 7500 rpm
Flowrate range	250-2300 l/min	500-1300 l/min	650-1500 l/min
Suction pressure	up to 6 bar		
Outlet pressure	up to 10 bar (at 6 bar s.p.)	up to 20 bar (at 6 bar s.p.)	up to 30 bar (at 6 bar s.p.)
Power transmission	direct, electric driven	special ATEX gearbox IEX	special ATEX gearbox IEX
Drive	up to 30 kW (400 V)	hydraulic system of the trailer up to 75 kW	hydraulic system of the trailer up to 75 kW

Features

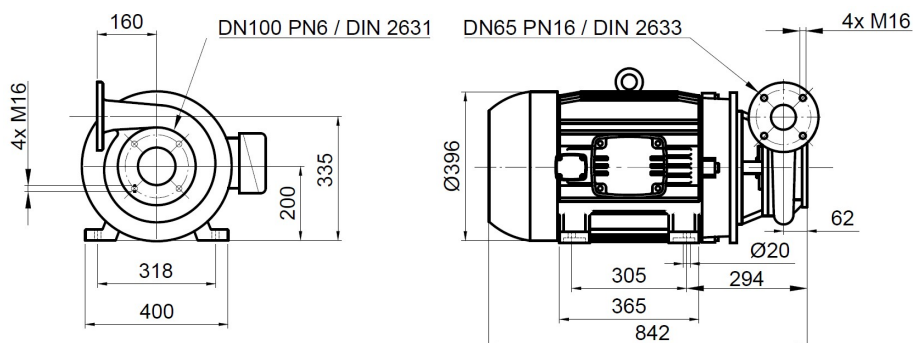
- ▶ Pumps designed for high reliability
- ▶ Modular technology for high efficiency and low bearing load
- ▶ High efficiency
- ▶ Inducer technology for low NPSHr
- ▶ Fast cool down due to light weight cold end
- ▶ Dedicated sealing for LNG application
- ▶ Extended lifetime of the new ATEX SEFCO gearbox IEX
- ▶ Designed for intermittent and continuous operation
- ▶ LOX-approved cleaning procedures and assembly for all SEFCO pumps, irrespective of application
- ▶ ATEX certified



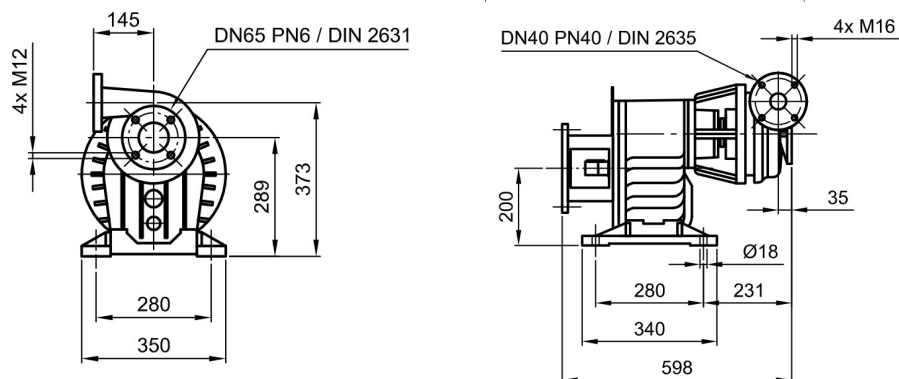
General Arrangement

all dimensions in [mm]

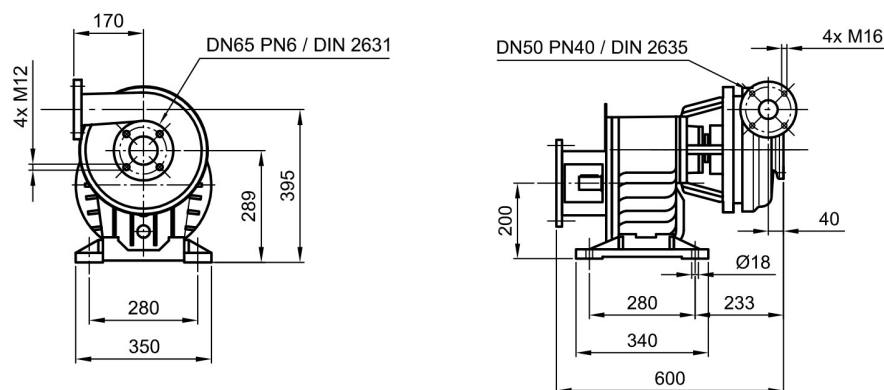
C-20/EM-30 LNG



C-19/IEX-H LNG



C-25/IEX-H LNG



Scope of Supply

- ▶ Cold end type C-20, C-19 or C-25
- ▶ Inducer and vane ring for low NPSHr
- ▶ Mechanical seal GRD
- ▶ ATEX SEFCO gearbox type IEX
- ▶ Connection to existing hydraulic powertrain
- ▶ Electric drive for the C-20

Options

- ▶ Dual PT100 for leakage detection
- ▶ Dual PT100 for cool down survey
- ▶ Recommended 2 years spare parts
- ▶ For C-19/IEX-H and C-25/IEX-H hydraulic ATEX motor

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