

PICO PUMP



KEY FEATURES

- The compact lubrication solution for compact machines
- Multi-line pump
- Point-to-point lubrication with up to 10 outlets
 - Pump elements range from 5, 10, 15, 25, and 50 mm³ / stroke
 - Pump elements (PEF and PEFV) allow optional use of distribution blocks
 - Ideal for small machines with approximately 20 lube points

SYSTEM	Pump elements (see documentation pump elements)		Metering volume cm³ / stroke and outlet
MULTI LINE	PE 5		0.005
	PE 10		0.010
	PE 15		0.015
	PE 25		0.025
	PE 50		0.050
PROGRESSIVE	PE 120 F	with/ without pressure limitation valve	0.12
	PE 120 FV		max. 0.12 (adjustable)

TECHNICAL DATA

PUMP

Metering volume per stroke (= 1 pump revolution) and outlet: 0.005 to 0.12 cm³ (depending on pump element)

Grease output: see table with pump elements

Reservoir capacity: 1.2 kg

Material reservoir: plastic, transparent

Operating pressure: max. 2900 psi (200 bar) at multi-line system: max. 4000 psi (280 bar) at progressive system

Conveying medium: greases up to NLGI cl. 2 (grease with solid contents only on demand)

Operating temperature: -4°F to 158°F (-20°C to 70°C)

No. of outlets: max. 10

Outlet type: see order key

Rotation direction of agitator blade: clockwise

Installation position - version with agitator blade: reservoir vertical as shown

Installation position - version with follow-up piston: could be installed in each direction - also upside down

Weight: max. 10 lbs (4.5 kg, without pump elements, with basic grease filling)

Level monitoring: integrated into the pump with follow-up piston

MOTOR

Drive: DC motor

Operating voltage: 12 V DC or 24 V DC

Current consumption at 280 bar counter-pressure and -25° C: max. 3.8 A for 24 V DC max. 7.5 A for 12 V DC

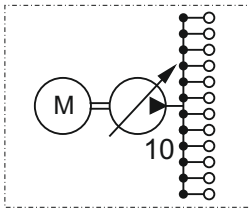
Speed (= pump revolutions): 15 r.p.m.

Degree of protection: IP 65

Note: The installation of an integrated control unit PICO-tronic (standard) is possible for this pump* (see documentation control and monitoring devices).

*Please indicate type of control separately for model with integrated control unit.

Base order code: 2185...



issue: 10.19EN

1090200670