External gear oil pump 70 l/min

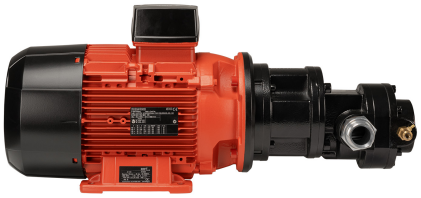
400 V-3~AC-50 Hz-4 kW



Item number:	23 340
EAN:	4048358233400
Discount group:	D

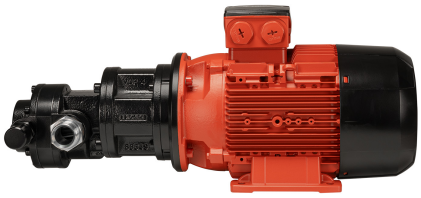
Technical data

Connection suction side:	G 1 1/4" female
Connection discharge side:	G 1 1/4" female



Hydraulic data

Pump design:	external gear pump, self-priming
Input pressure (mbar):	500
Permitted pump input pressure (bar):	-0,5 ... 0,5
Nominal operating point (bar):	10
Maximum operating point (bar):	20
Delivery rate under free discharge (l/min):	70
Max. suction height (m):	5
Direction of rotation:	right
Pumping media:	oils, up to SAE 140
Operating temperature area (°C):	+10 / +40



Motor data

Voltage (V):	400
Frequency (Hz):	50
Power consumption (A):	7,9
Power (kW):	4
Nominal speed (rpm):	1460
Torque (Nm):	26
Safety class:	IP55

Dimensions LxWxH (mm):	663,5 x 233,8 x 289
Weight (kg):	57,5

Specification

- Adjustable pressure relief valve
- Integrated venting valve
- Connection between pump shaft and motor shaft by means of flexible claw coupling



Special notes

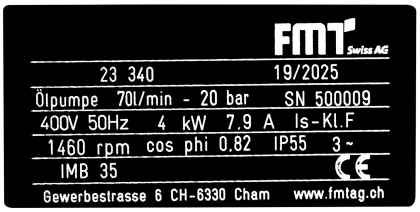
- Integrated, adjustable pressure relief valve (bypass valve) for pipe protection
- The rugged pump design with only two housing parts allows simple, quick and efficient maintenance and servicing
- The gearwheels pressed on the shaft are axially and radially supported in the housing and in the cover
- The torque is transmitted by the driving shaft with the driving gearwheel on the driven shaft with the driven gearwheel
- The pumping effect of this gear pump is achieved by means of the opposite rotation of the two gear wheels
- Very compact design
- Exceptional high suction performance
- Pump is suitable for tank and wall mounting

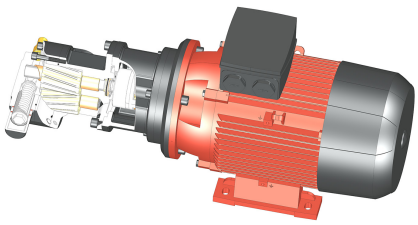


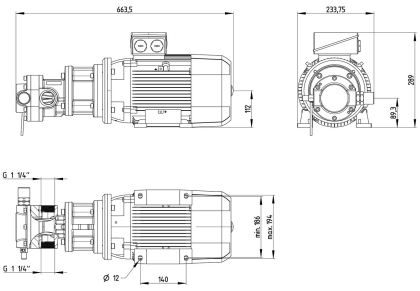
- Pump is designed for use in conjunction with pipe lines up to 70 meters, depending on cross section of pipe line
- Required accessory for switching on and off the pump: electronic pressure switch (23 368)

Packaging

Packing unit: 1,0







Pumpenkennlinie Artikel 23340

