AC pump

Nominal data

Type	**P2E076-AC06-16**
Motor	**M2E068-CF**

Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Method of obtaining data		ml
Valid for approval/standard		CE
Speed	min^{-1}	2600
Power consumption	W	90
Current draw	A	0.40
Capacitor	µF	2
Capacitor voltage	VDB	400
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	45
Flow quantity	m^3/h	1.0
Max. flow head	m	6.8

ml = Max. load · me = Max. efficiency · fc = Free-conveying · cs = Customer specification · ce = Customer equipment
Subject to change

P2E076-AC06-16 ebmpapst Datasheet FansCo sales@fansco.com www.fansco.com

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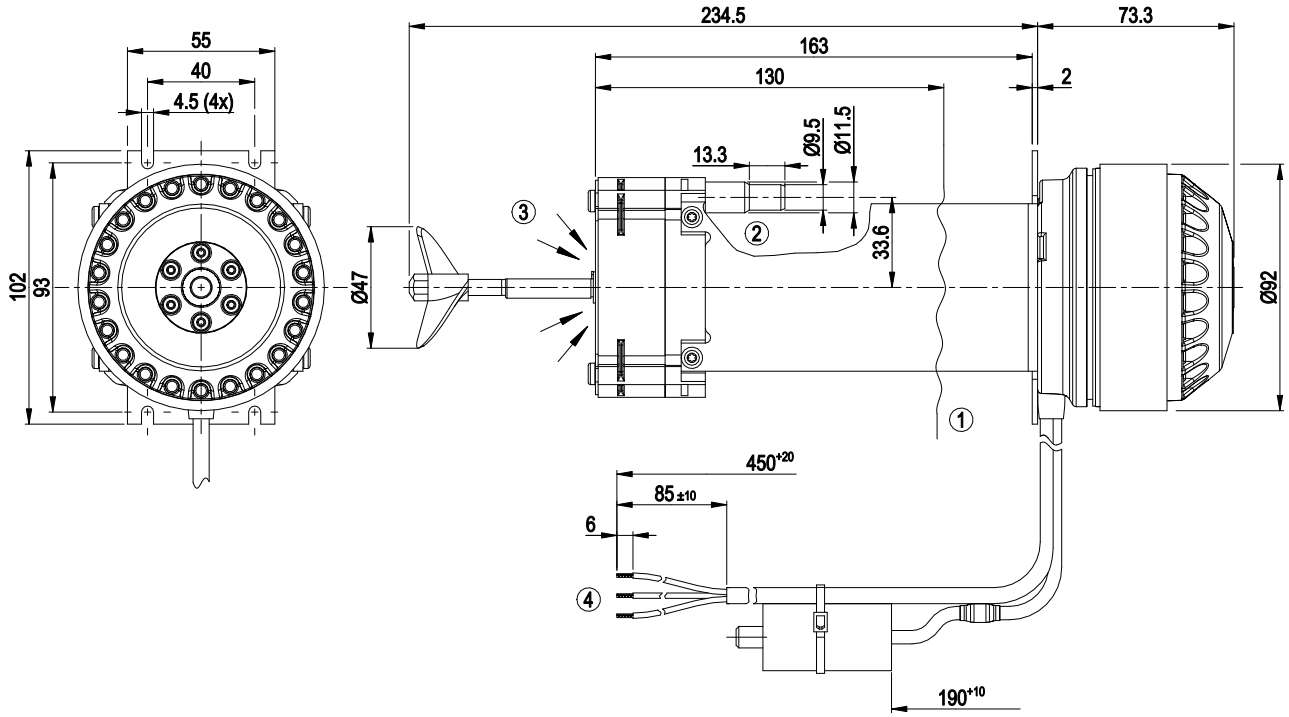
Technical description

Weight	2.1 kg
Fan size	76 mm
Rotor surface	Painted black
Pump impeller material	ABS plastic, glass-fiber reinforced
Agitator material	PE
Pump housing material	ABS plastic, glass-fiber reinforced
Cross-member material	Stainless steel
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent
Insulation class	"B"
Moisture (F) / Environmental (H) protection class	F0
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Vertical
Condensation drainage holes	None
Mode	S1
Motor storage	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) internally connected
With cable	Variable
Protection class	I (with customer connection of protective earth)
Motor capacitor according to EN 60252-1 in safety protection class	P0/S0
Conformity with standards	EN 60335-1; CE

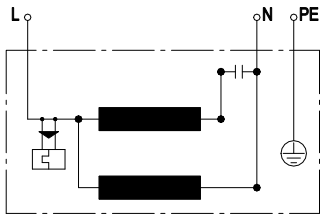
AC pump

Product drawing



1	Max. level
2	Pressure tap
3	Intake
4	Cable AWG20, 3x crimped splices

Connection diagram



L	black	N	blue	PE	green/yellow

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Curves: Flow head

Curves: Flow head

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