

Submersible circulation pumps

P4

Submersible circulation pumps P4 are drain pumps for the conveyance of low-viscosity liquids (water, condensate, alkalines etc.).
Typical applications are, e.g. in condense dryers, condensing boilers, air-conditioning units and tapping systems.

Motor: Shaded pole motor EM25.
Motor above the pump housing.
Special versions with longer pump shaft, other mounting plates etc. on request.

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Submersible circulation pumps

P5

Submersible circulation pumps P5 are drain pumps for the conveyance of low-viscosity liquids (water, condensate, alkalines etc.).
Typical applications are, e.g. in condense dryers, condensing boilers, air-conditioning units and tapping systems.

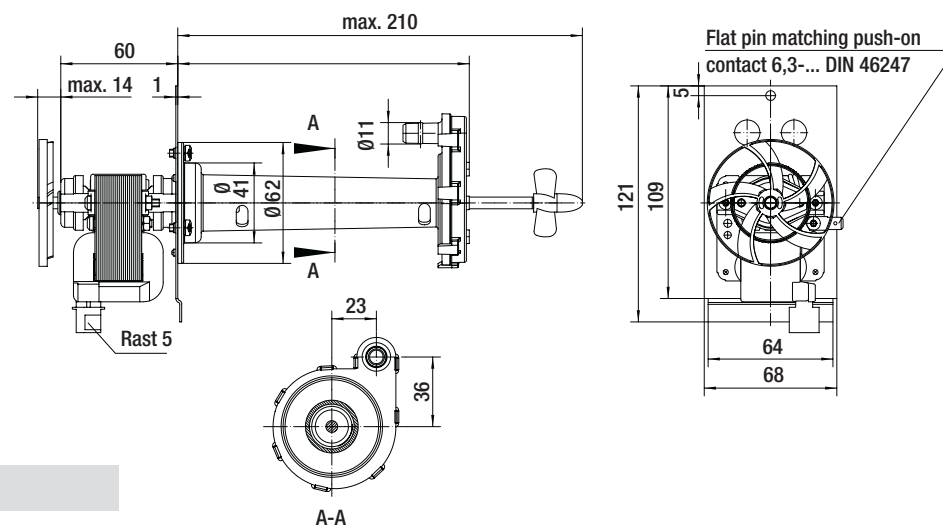
Motor: Shaded pole motor EM25.
Motor above the pump housing.
Special versions with longer pump shaft, other mounting plates etc. on request.

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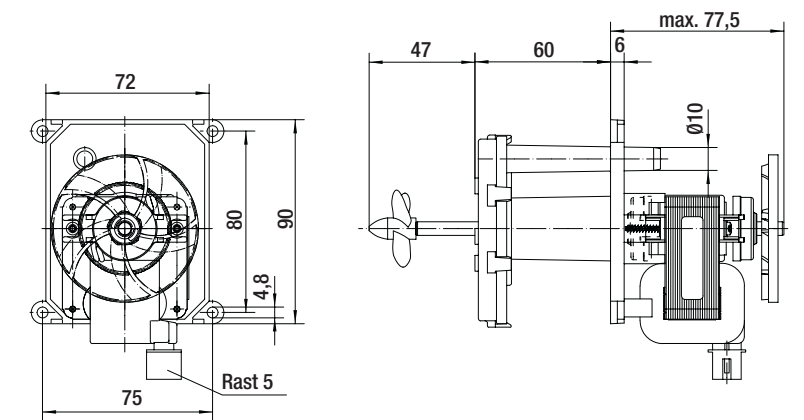


Nominal data									Nominal data								
type	rated voltage V	frequency Hz	power input W	rated current mA	flow rate (H 100cm) l/min	mode of operation S1	insulation class B	mass kg	type	rated voltage V	frequency Hz	power input W	rated current mA	flow rate (H 100cm) l/min	mode of operation S1	insulation class B	mass kg
P4-2524	230	50	27	220	1,2	S1	B	0,7	P5-2524	230	50	24	200	2,0	S1	B	0,7

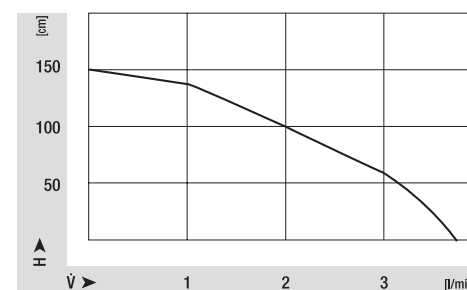
bold print = standard type; subject to alterations



Characteristic curves

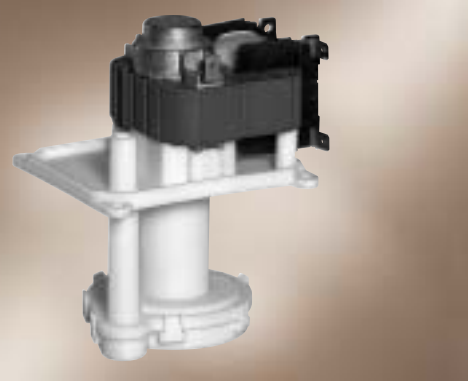


Characteristic curves



Submersible circulation pumps

P5



Submersible circulation pumps P5 are drain pumps for the conveyance of low-viscosity liquids (water, condensate, alkalines etc.). Typical applications are, e.g. in condense dryers, condensing boilers, air-conditioning units and tapping systems.

Motor: Shaded pole motor EM30.
 Motor above the pump housing.
 Special versions with longer pump shaft, other mounting plates etc. on request.

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Submersible circulation pumps

P7



Submersible circulation pumps P7 are drain pumps for the conveyance of low-viscosity liquids (water, condensate, alkalines etc.). Typical applications are, e.g. in condense dryers, condensing boilers, air-conditioning units.

Motor: Shaded pole motors EM2524.
 Plastic-encapsulated coil.
 Connection Rast-5, 6.3 x 0.8 mm.
 May be mounted directly in the condensate container.

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Nominal data

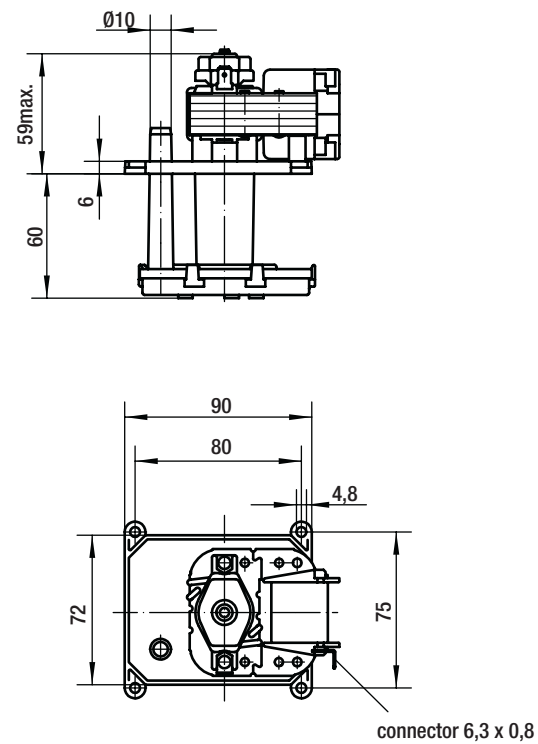
type	rated voltage V	frequency Hz	power input W	rated current mA	flow rate (H 100cm) l/min	mode of operation	insulation class	mass kg
P5-3020	230	50	22	190	3,5	S1	B	0,7

bold print = standard type; subject to alterations

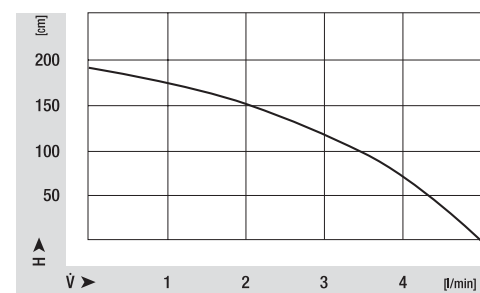
Nominal data

type	rated voltage V	frequency Hz	power input W	rated current mA	flow rate (H 100cm) l/min	mode of operation	insulation class	mass kg
P7-2524	230	50	25	210	3,2	S2	F	0,65

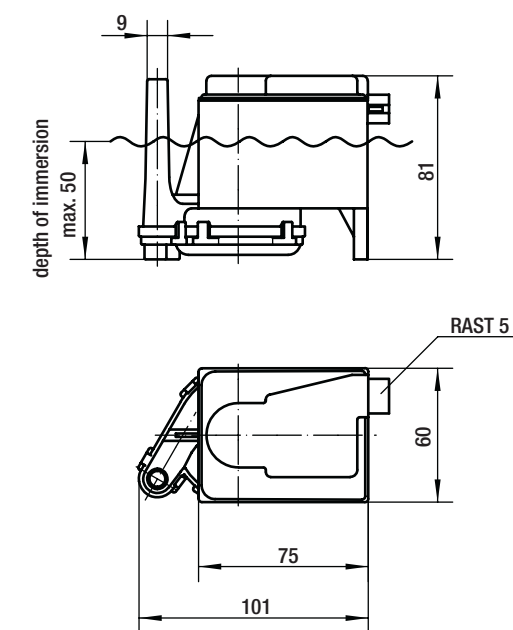
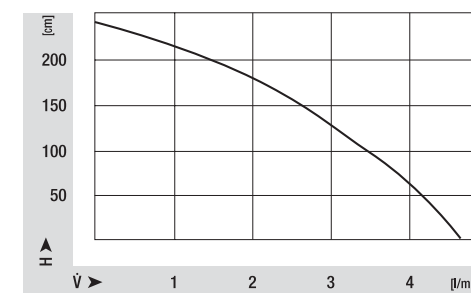
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Characteristic curves



Characteristic curves



Submersible circulation pumps

P30

- immersion pump for low-viscosity liquids
- motor: capacitor motor KM43
- housing and impeller: ABS GV
- shaft: stainless steel 1.4305

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Submersible circulation pumps

P2E 076 – with stirring propeller

- for circulation or pumping of water or similar liquids
- pump housing, pump impeller, crosshead connecting and covers made of fibre-glass reinforced plastic, stirring propeller made of PE
- top mounted external-rotor motor, vacuum-encapsulated stator, varnished in black, protected against accidental contact underneath plastic cover and with shaft of stainless steel
- all screws in stainless steel
- capacitor integrated in plastic terminal box and wired up ready for plug-in
- mounting position: vertical
- insulation class B
- type of protection: IP44 when installed (final evaluation to be carried out in customer application)
- bearings: maintenance-free ball bearings
- connection leads: HOVV-F3G leads 0.75 in black, 600 mm
- approvals: CE, UL and CSA on request
- temp. of pumping medium 0 - 40 °C

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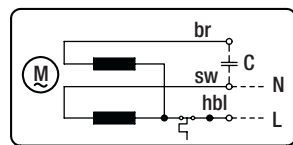
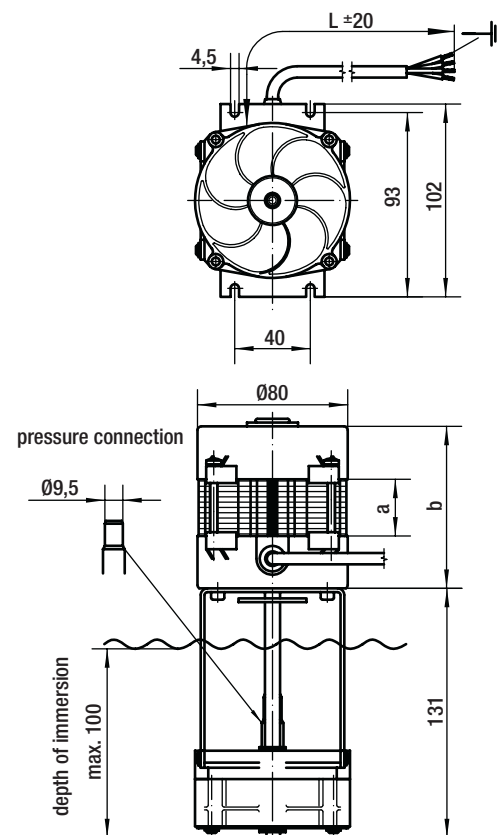


Nominal data		rated voltage	frequency	power input	rated current	capacitor (400V)	flow rate (H 100cm)	mode of operation	insulation class	mass	Dimensions mm		
type		V	Hz	W	mA	µF*	l/min			kg	a	b	L
P30-4330		230	50	48	210	1,5	12,5	S1	F	2,0	30	87	600

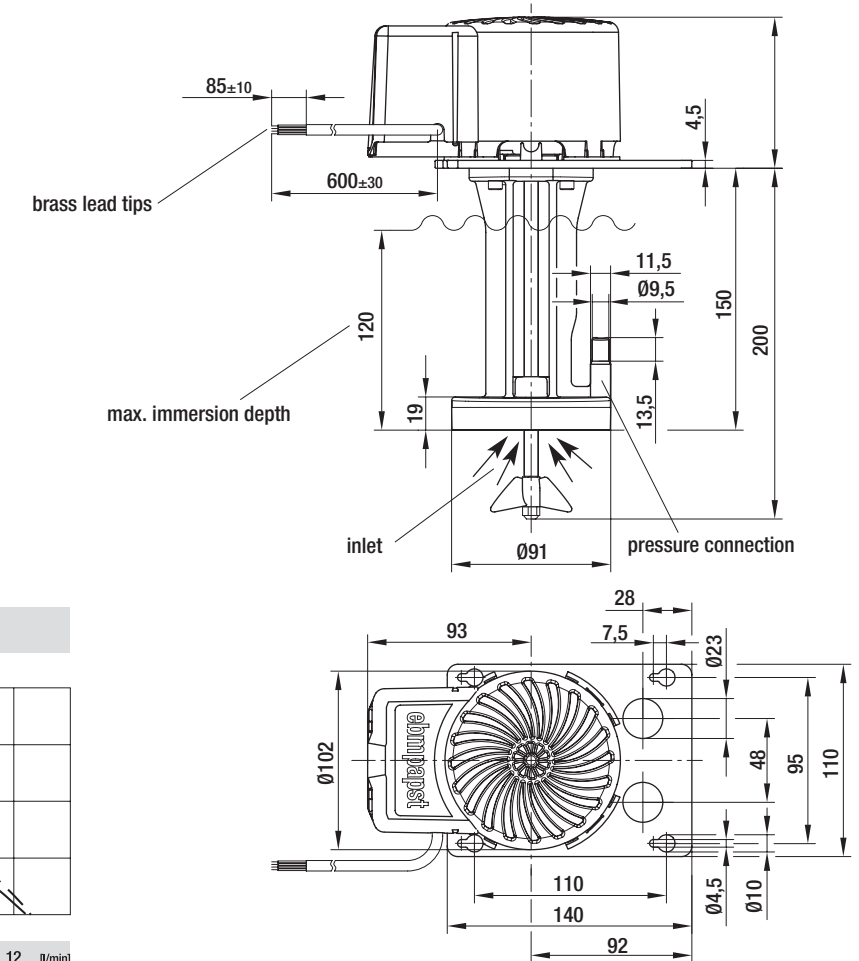
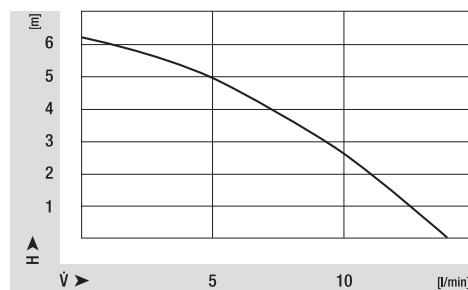
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Nominal data		rated voltage	frequency	power input	current draw	flow rate (H 100cm)	speed	capacitor	max. delivery head	perm. amb. temp. motor	mass
type		V	Hz	W	mA	l/min	min ⁻¹	µF/VDB	m	°C	kg
P2E 070 -AA26 -01		230	50	66	290	11,1	2300	1,5/400	6,20	40	1,6
		230	60	83	370	11,6	2370	1,5/400	7,30	40	1,6

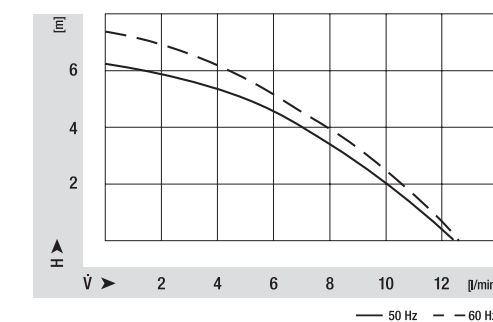
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Characteristic curves



Characteristic curves



Dosing pumps

P51

Dosing pump suitable for the media-separated fine dosing of highly viscous fluids, e.g. liquid detergents and fabric softeners, oil, paints and varnishes, disinfectants, chemicals.
Tube: silicon

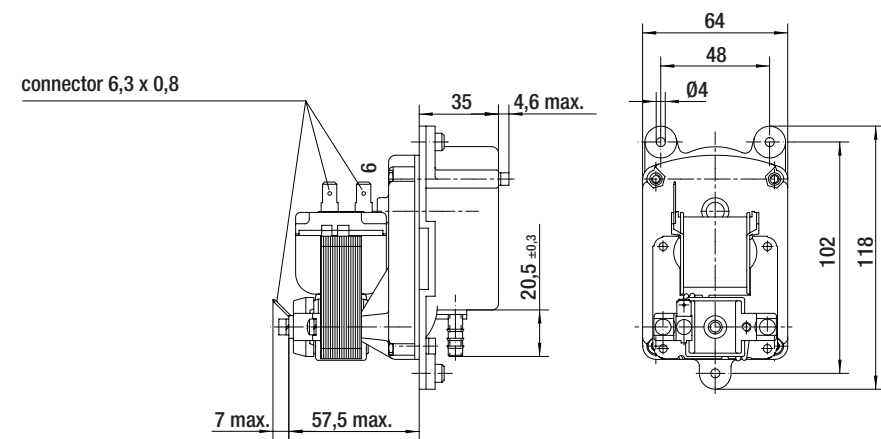


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Nominal data

type	rated voltage V	frequency Hz	power input W	rated current mA	flow rate ml/min	max. pressure bar	mode of operation Std	service life 500	insulation class B	mass kg
P51-2518/Gtp22	230	50	18	260	60	2,0	S2	500	B	0,7

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Customized products

For small to medium-scale serial production, motor and fan components can be modified to create a product tailored to a particular application. With motors, there is the option of different inductions, insulating systems, bearing systems, shaft dimensions, mounting configurations. Additional components like speedometer, brake, cooling blade can be added. Blowers can be adapted to special requirements on their scroll or impeller by applying special materials, balancing, coating, elastic motor suspension. Special components can be added on inlet or outlet side in order to meet the requirement of the individual application. With relevant demand, we gladly develop new products and complete solutions for your specific problems. Please contact us for further details.

