

This document contains information regarding packing, general characteristics, construction of the product, materials. Data may change without advising maintaining the fundamental functional and safety characteristics complying with the specifications.

0. General

Askoll code	29600302
Manufacturer	Askoll Tre SpA
Place of manufacture	36031 POVOLARO VI - Italy
Product category	Draining pump for dishwashers and washing machines
Guarantee	24 months from the date of production
Other informations	see Askoll Technical sheet no. 301

1. Packing

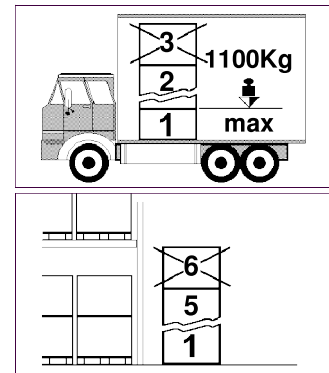
Unit weight Kg	0,337	Pallet construction
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1.1. Box

Overall dimensions cm	29 x 24 x 30h
Units in each box	36
Gross weight Kg	13,1

1.2. Pallet

Overall dimensions cm	
Gross weight Kg	315
Boxes per pallet	24
Units per pallet	864
Pallet volume	0,708



1.3. Disposition on the box

layer A	layer B
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258

3. Motor

Type ref. / model	M231 XP
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3.1. General

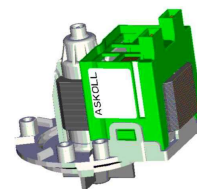
Kind of motor	Synchronous
Electrical rating	220-240Vac 50Hz 0,2A 40W
Number of revolutions	3000
Compliance	EN IEC 60335-1:2001
Certifications	
Protection against el. shock	n.a.
Degree of protection	Covered
Supply connection	appliance coupler
Kind of connection	n.a.
Temperature Class	155
Other	

3.2. Marking

Data printed on the motor

Askoll
MADE IN ITALY
Mod. M231 XP
Art. 296003
Cod. 296003
220-240Vac 50Hz
0,2A 40W Cl.155

position



3.3. Bobbin

Number of turns	2x2030
Wire diameter mm	0,160
Resistance [Ω]	263 ± 8%
Protection	PROTECTION LEFT TO END PRODUCT

4. Insulation materials

4.1. Plastic parts and minor insulation

Part	Type	color	Manufacturer	UL 94	CTI	BP	GWFI	GWIT	GW (1)	File no./Ref.
01A	Coil Base									
	PA6/66 Grilon TS V0	NC	EMS		600	>185	960		/	QMFZ2/8.E53898
03	Rotor Enclosure									
	PP GF30 Isoglas H 30 FVL C grigio	GY	Sirmax			145			/	QMFZ2/8.E220931
	PP GF30 Daplen FS65G30C3	GY	BOREALIS AG		600	>145			/	QMFZ2.E108112
06	Carter, stator enclosure									
	PP GF30 Daplen FS65G30C3	GY	BOREALIS AG	HB	600	>145	825	850	/	QMFZ2.E108112

(1) Endurance of the flame during GWEP test on the connecions at 650 / 750 °C (re.: IEC 60695-2-11)

4.2. Winding

Part	Type	Manufacturer	BC	OC	ANSI Cl.	Temp.Cl.	File no./Ref.
01	Wire Cu		PUR	-	MW-79	155	
01			PUR	-	MW79	155	

5. Components

6. List of parts

Part	Material	color	(1)
01A Coil Base	PA6/66	NC	☐
01B Winding	Wire Cu	NC	ALT ☐
01F Terminal	Brass	NC	☐
03 Rotor Enclosure	PP GF30	GY	ALT ☒
03B Intercooler cover enclosure	PP T40	BK	ALT ☒
04A Rotor (plastic part)	POM GF10	NC	☒
04B Magnet	Ferrite	NC	☒
04C Shaft	Inox steel	NC	☒
04D1 Impeller joint	Brass	NC	☒
04D2 Impeller join OR	NBR	BK	☒
04D3 Impeller rubber insert	NBR	BK	ALT ☒
04D4 Impeller lock	POM	NC	ALT ☒
04D6 Impeller	POM	NC	ALT ☒
04E2 Lip seal	NBR	BK	ALT ☒
04E3 Bearing support	PP GF30	GY	☒
04E4 Lip seal support	POM	NC	ALT ☒
04E6 Bearing	POM CF10	BK	☒
05 Stator	Laminated steel	NC	☐
06 Carter, stator enclosure	PP GF30	GY	☐
11A Filter Seal / gasket	NBR	BK	☒

(1): In contact with water

We declare that the product stated here is produced with materials not containing the dangerous substances listed in the Directives 2002/95/EC, 1976/76/EC and related

