

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA80MS-C 2P 1,1KW 290/500V 50Hz

Motor item number:

Performance figures are subject to IEC tolerances.

50 HZ data	Rated power:	1,1	kW	60 HZ data	1,27	kW
	Poles(Synch speed):	2p (3000)	r.p.m		2p (3600)	r.p.m
	Full load speed:	2885	r.p.m		3460	r.p.m
	Voltage:	290	500		575	V
	Frequency:		50		60	Hz
	Connection:	Δ	Y			
	Amps full load (FLA):	3,1	1,8		1,8	A
	Amps no-load (NLA):		0,8 @500V			A

Enclosure:	IP55	Cable entries size:	1XCM20
Mounting:		Winding protection:	NO
Insulation Class:	F	Max. Altitude a.s.l.:	1000 m
Max. ambient temp.:	40 °C	Heater:	NO
Min. ambient temp.:	-20 °C	Shaft extension:	19X40 mm
Max. temp. rise:	80 K	Weight:	13 kg
Duty type:	S1	Painting:	STANDARD / C2
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6204 ZZ CM	Box position:	Top NDE
Bearing NDE	6003 ZZ CM	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	NA
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE3	Sound pressure (1m):	56 dB(A)
Load data:	100% 75% 50%	Resistance PH R20:	7,35 Ω
Efficiency:	82,7 83,4 81,5		
Power factor:	0,84 0,78 0,66		

Full load torque (FLT):	3,6 Nm	Pull out torque ratio:	3,1 MK/MN
Starting torque ratio:	3,6 MA/MN		
Starting current ratio:	7,7 IA/IN	Rotor inertia WK2:	0,0013 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:
Certificate IECEx number:	t _E time:
Certificate number:	sek

Exempt from regulation EU:	NO	Manufacturer name:	ATB Tameł Spółka Akcyjna
Reason of exemption:	-	Address:	ul. Elektryczna 6 33-100 Tarnów