

Motor Data Sheet

Product information in accordance with commission regulation (EU) no. 2019/1781, annex I - item no. 2				
1	Rated efficiency at rated load	load	50 Hz	60 Hz
		100%	88.6	-
		75%	88.6	-
		50%	88.0	-
2	Efficiency level:		IE3	-
3	Manufacturer name / trade mark / Commercial registration no. / address:			
	Brook Crompton UK Ltd registration number 4305426 Registered Office: St Thomas' Road, Huddersfield, HD1 3LJ			
4	Motor type:		AC INDUCTION	
	Motor part number:		112W268401T	
5	Number of poles:		4	
6	Rated power output (kW):		4.0	-
7	Rated input frequency (Hz):		50	-
8	Rated voltage (V):		230/400	-
9	Rated speed (min ⁻¹):		1450	-
10	Phase:		3	
11	Altitudes above sea-level:		1000m	
	Ambient air temperatures:		-20°C to +40°C	
	Water coolant temperature:		-	
	Maximum operating temp:		-	
12	Exempt from regulation:		NO	
	Reason of exemption:		-	
13	Power losses: Power losses in % of the rated output at the following operation points (speed vs. torque values):	(90/100)	NOT APPLICABLE	
		(90/50)	NOT APPLICABLE	
		(50/100)	NOT APPLICABLE	
		(50/50)	NOT APPLICABLE	
		(50/25)	NOT APPLICABLE	
		(25/100)	NOT APPLICABLE	
		(25/25)	NOT APPLICABLE	

		50 Hz	60 Hz
Power factor:	100%	0.78	-
	75%	0.70	-
	50%	0.56	-
Phase connection:		DELTA / STAR	-
Rated current (A):		14.5/8.4	-
Duty:		S1	-
Rated torque (Nm):		26.3	-
Starting current (Ia/In):		8	-
Starting torque (Ma/Mn):		3.5	-
Breakdown torque (Mk/Mn):		3.5	-

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Frame size :	WP-DA112MWX
Housing material:	ALUMINIUM
Mounting:	FOOT, HORIZONTAL (IM1001)(B3)
Degree of protection:	55
Method of cooling:	IC411
Thermal class:	155(F)
Motor weight:	31.5 kg (approx.)

Terminal box position:	TOP
Cable entry:	2 x CM25
Cable gland:	NOT FITTED
Terminal board pin size:	M5

DE bearing:	6206-2Z/C3
NDE bearing:	6205-2Z/C3
Regreasing facility:	GREASED FOR LIFE
Grease:	POLYUREA

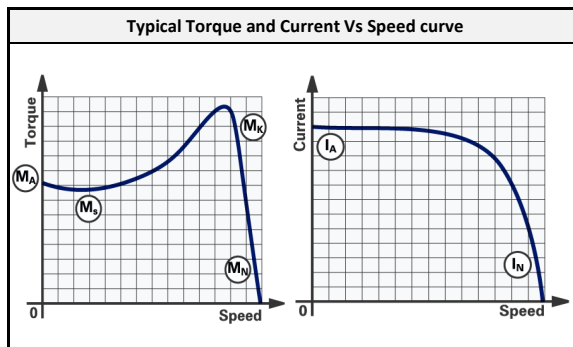
Balance grade:	1.6 mm/s
Rotor inertia:	0.0151 kgm ²
Rotation direction:	CLOCKWISE AT DRIVE END

Paint system:	C2
Colour:	RAL 5021 (WATER BLUE)

Sound pressure 50Hz:	54 dB(A)
Sound pressure 60Hz:	- dB(A)

Winding protection:	- -
Heaters:	- V - W

Hazardous area marking:	Ex n/a
Certificate number:	n/a
tE time:	n/a



Remarks:		
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All data subject to tolerance		
author: BCUK	date: 08/07/2022	version: 03/250718/1/21v1.06 //1/050122
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