

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type:

WP-DA112MR IE3 2P 4,0KW

Motor item number:

Rated power:	4	kW			4,59	kW
Poles(Synch speed):	2p (3000)	r.p.m			2p (3600)	r.p.m
Full load speed:	2895	r.p.m			3485	r.p.m
Voltage:	400 / 690	V			/ 460	V
Frequency:	50	Hz			60	Hz
Connection:	Δ / Y				/ Δ	
Amps full load (FLA):	7,3 / 4,2	A			/ 7,2	A
Amps no-load (NLA):		A				A

Enclosure:	IP55				Cable entries size:	2xCM25
Mounting:					Winding protection:	NO
Insulation Class:	F				Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	40	°C			Heater:	NO
Min. ambient temp.:	-20	°C			Shaft extension:	28x60 mm
Max. temp. rise:	80	°C			Weight:	29,5 kg
Duty type:	S1				Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)				Color:	RAL 5021
Bearing DE	6206	ZZ C3			Box position:	Top DE
Bearing NDE	6205	ZZ C3			Cable entry towards:	Right
Grease:	Esso Unirex N3				Cable type:	N/A
Regreasing facilities:	NO				Balance grade:	Normal

Efficiency class:	IE3		
Load data:	100%	75%	50%
Efficiency:	88,5	89,2	88,5
Power factor:	0,90	0,85	0,74

Sound pressure (1m): 60 dB(A)
Resistance R20: 0,914 PH

Full load torque (FLT):	13	Nm			Pull out torque ratio:	4,8	MK/MN
Starting torque ratio:	3,9	MA/MN			Pull up torque:	3,8	MS/MN
Starting current ratio:	10,0	IA/IN			Rotor inertia WK2:	0,0064	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: