

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA132STX IE3 4P 5,5 KW
Motor item number:

Rated power:		5,5	kW	50 HZ data			6,3	kW	60 HZ data		
Poles(Synch speed):		4p (1500)	r.p.m				4p (1800)	r.p.m			
Full load speed:		1460	r.p.m				1760	r.p.m			
Voltage:		230 / 400	V				460	V			
Frequency:		50	Hz				60	Hz			
Connection:		Δ / Y					Δ				
Amps full load (FLA):		18,9 / 10,9	A				10,8	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:		38x80 mm	
Max. temp. rise:		80 °C		Weight:		57 kg	
Duty type:		S1		Painting:		Manufacturer standard	
Cooling form:		IC411 (TEFC)		Color:		RAL 5021	
Bearing DE		6208 ZZ C3		Box position:		Top DE	
Bearing NDE		6305 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%	Sound pressure (1m):	59 dB(A)
Efficiency:	89,6	90	88,7	Resistance R20:	1,7 PH
Power factor:	0,81	0,73	0,60		

Full load torque (FLT):		36	Nm	Pull out torque ratio:		3,9	MK/MN
Starting torque ratio:		3,3	MA/MN	Pull up torque:		2,7	MS/MN
Starting current ratio:		8,7	IA/IN	Rotor inertia WK2:		0,03	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: