

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA90STX IE3 4P 1,1KW
Motor item number:

Rated power:	1,1			kW	50 HZ data	1,26			kW
Poles(Synch speed):	4p (1500)			r.p.m		4p (1800)			r.p.m
Full load speed:	1430			r.p.m		1735			r.p.m
Voltage:	230	/	400	V		265	/	460	V
Frequency:	50			Hz		60			Hz
Connection:	Δ	/	Y		Δ	/	Y		
Amps full load (FLA):	4,3	/	2,5	A	4,1	/	2,4	A	
Amps no-load (NLA):				A				A	

Enclosure:	IP55			Cable entries size:	1 x CM20		
Mounting:				Winding protection:	NO		
Insulation Class:	F			Max. Altitude:	1000	m.a.s.l.	
Max. ambient temp.:	+40	°C		Heater:	NO		
Min. ambient temp.:		°C		Shaft extension:	24x50	mm	
Max. temp. rise:	80	°C		Weight:	18	kg	
Duty type:	S1			Painting:	Manufacturer standard		
Cooling form:	IC411 (TEFC)			Color:	RAL 5021		
Bearing DE	6205	ZZ C3		Box position:	Top DE		
Bearing NDE	6203	ZZ CM		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:	84,1	84,4	84
Power factor:	0,77	0,70	0,57

Sound pressure (1m): 48 dB(A)
Resistance R20: 4,49 PH

Full load torque (FLT):	7	Nm	Pull out torque ratio:	3,5	MK/MN
Starting torque ratio:	3,0	MA/MN	Pull up torque:	2,7	MS/MN
Starting current ratio:	7,0	IA/IN	Rotor inertia WK2:	0,0037	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: