

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

a company of



Motor type: WU-DA160LR-D IE2 2P 18,5kW
Motor item number:

50 HZ data	Rated power:		18,5 kW		60 HZ data	kW
	Poles(Synch speed):		2p (3000) r.p.m			r.p.m
	Full load speed:		2930 r.p.m			r.p.m
	Voltage:		400	/ 690		V
	Frequency:		50 Hz			Hz
	Connection:		Δ	/ Y		
	Amps full load (FLA):		32,5	/ 18,8		A
	Amps no-load (NLA):		A			

Enclosure:	IP55		Cable entries size:	2 x CM32	
Mounting:			Winding protection:		
Insulation Class:	F		Max. Altitude:	1000	m.a.s.l.
Max. ambient temp.:	+40	°C	Heater:	no	
Min. ambient temp.:	-20	°C	Shaft extension:	42x110	mm
Max. temp. rise:	80	K	Weight:		kg
Duty type:	S1		Painting:	Alkyd-Amin Resins Paint	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6309	ZZ C3	Box position:	Top DE	
Bearing NDE	6307	ZZ C3	Cable entry towards:	Right	
Grease:	Lithium or Polyurea Base		Cable type:	N/A	
Regreasing facilities:	NO		Balance grade:	Normal	

Efficiency class:	IE2			Sound pressure (1m):	dB(A)
Load data:	100%	75%	50%	Resistance R20:	0,46 PH
Efficiency:	90,9	90,6	89,8		
Power factor:	0,90	0,86	0,80		

Full load torque (FLT):	60,3	Nm	Pull out torque ratio:	3,2	MK/MN
Starting torque ratio:	2,4	MA/MN	Pull up torque:	1,9	MS/MN
Starting current ratio:	8,7	IA/IN	Rotor inertia WK2:	0,056	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: