

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type:

WP-DA160LY IE3 20HP 4P 460V 60Hz B3

Motor item number:

160W001451T

Performance figures are subject to IEC tolerances.

50 HZ data	Rated power:	15 (20HP) kW	60 HZ data	15 (20HP) kW
	Poles(Synch speed):	4p (1500) r.p.m		4p (1800) r.p.m
	Full load speed:	1465 r.p.m		1770 r.p.m
	Voltage:	400 V		460 V
	Frequency:	50 Hz		60 Hz
	Connection:	Δ		Δ
	Amps full load (FLA):	27 A		23,4 A

Enclosure:	IP55	Cable entries size:	2 x CM32
Mounting:	IM B3 (IM 1001)	Winding protection:	N/A
Insulation Class:	F	Max. Altitude a.s.l.:	1000 m
Max. ambient temp.:	40 °C	Heater:	N/A
Min. ambient temp.:	-20 °C	Shaft extension:	42x110 mm
Max. temp. rise:	80 K	Weight:	113 kg
Duty type:	S1	Painting:	Standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6309 ZZ C3 LF	Box position:	Top DE
Bearing NDE	6307 ZZ C3 LF	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE3@60Hz	Sound pressure (1m):	56 dB(A)
Load data:	100%60Hz 100%50Hz	Resistance PH R20:	0,163 Ω
Efficiency:	93 91,4		
Power factor:	0,83 0,87		

Full load torque (FLT):	81@60Hz Nm		
Starting torque ratio:	2,1@60Hz MA/MN		
Starting current ratio:	6,5@60Hz IA/IN		

Special remarks:	metric motor acc to UL/CSA; Nema Premium; design: A; code: G; SF=1.15;
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SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks:
