

Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

www.tamel.pl

Produced by **Tamel S.A.** a company of



Motor type: **WU-DA160MM-D 8P 5,5KW**

Motor item number:

50 HZ data	Rated power:	5,5 kW	
	Poles(Synch speed):	8p (750) r.p.m	
	Full load speed:	725 r.p.m	
	Voltage:	400 / 690	V
	Frequency:	50 Hz	
	Connection:	Δ / Y	
	Amps full load (FLA):	13,2 / 7,6	A
	Amps no-load (NLA):	A	
60 HZ data	Rated power:	6,3 kW	
	Poles(Synch speed):	8p (900) r.p.m	
	Full load speed:	870 r.p.m	
	Voltage:	460 V	
	Frequency:	60 Hz	
	Connection:	Δ	
	Amps full load (FLA):	13,2	A
	Amps no-load (NLA):	A	

Enclosure:	IP55		Cable entries size:	2 x CM32	
Mounting:	IM B5 (IM 3001)		Winding protection:	N/A	
Insulation Class:	F		Max. Altitude:	1000	m.a.s.l.
Max. ambient temp.:	+40	°C	Heater:	N/A	
Min. ambient temp.:	-20	°C	Shaft extension:	38x80	mm
Max. temp. rise:	80	K	Weight:	94	kg
Duty type:	S1		Painting:	Manufacturer standard	
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:	Esso Unirex N3		Cable type:	N/A	
Regreasing facilities:	NO		Balance grade:	Normal	

Efficiency class:				Sound pressure (1m):	53 dB(A)
Load data:	100%	75%	50%	Resistance R20:	PH
Efficiency:	87	87	85,5		
Power factor:	0,69	0,65	0,52		

Full load torque (FLT):	72,4	Nm	Pull out torque ratio:	2,5	MK/MN
Starting torque ratio:	1,6	MA/MN	Pull up torque:	1,4	MS/MN
Starting current ratio:	5,7	IA/IN	Rotor inertia WK2:	0,11	kgm ²

Special remarks:	special stamping: marine duty, +50°C ambient				
------------------	--	--	--	--	--

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks:
