

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron

Motor type: W-DF80ME-D 4P 0,55KW 690V/3/60Hz V1
Motor item number: 080W001209T

Performance figures are subject to IEC tolerances.

Rated power:	kW	0,55	kW
Poles(Synch speed):	r.p.m	4p (1800)	r.p.m
Full load speed:	r.p.m	1710	r.p.m
Voltage:	V	690	V
Frequency:	Hz	60	Hz
Connection:		Δ	
Amps full load (FLA):	A	0,88	A
Amps no-load (NLA):	A	0,6	A

Enclosure:	IP55	Cable entries size:	2 x CM20
Mounting:	IM V1 (IM 3011)	Winding protection:	3 x PTC150
Insulation Class:	F	Max. Altitude a.s.l.:	1000 m
Max. ambient temp.:	+45 °C	Heater:	12W 240V
Min. ambient temp.:	-20 °C	Shaft extension:	19x40 mm
Max. temp. rise:	80 K	Weight:	18 kg
Duty type:	S1	Painting:	Offshore 1
Cooling form:	IC411 (TEFC)	Color:	RAL 9002
Bearing DE	6204 ZZ CM	Box position:	Right Center
Bearing NDE	6003 ZZ CM	Cable entry towards:	DE
Grease:	NSK EA6	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	Not applicable	Sound pressure (1m):	47 dB(A)
Load data:	100%	Resistance PH R20:	113,9 Ω
Efficiency:	75		
Power factor:	0,70		

Full load torque (FLT):	3,1 Nm	Pull out torque ratio:	2,8 MK/MN
Starting torque ratio:	2,6 MA/MN		
Starting current ratio:	4,7 IA/IN		

Special remarks:	Canopy; double impregnation; auxiliary box; oversized terminal box;
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SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Ex II 2G Exe IIC T3 Gb	Temp. Class:	T3
Certificate number:	Baseefa13ATEX0195X	t _E time:	28,8 sek

Special remarks:	
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