

Data Sheet

Manufacturer		FOCQUET SA
Reference Standards		IEC 60034
Tests to be performed according		relevant IEC standard
Motor type/Frame		MF-HV 500X-10
Explosive-proof grade		/
Rated power	KW	480,00
Rated speed	RPM	594
Mechanical arrangement	Form	B3
Rated voltage	V	6600
Rated frequency	HZ	50
Rated torque	Nm	7717,2
* Starting torque	Nm	6945,5
* Break down torque	Nm	15434,3
Degree of protection	IP	55
Insulation class		F
Temperature rise class		B
Cooling method	IC	IC416
Rotor inertia	kgm ²	63
Motor weight	kg	6550
Winding insulation process		VPI
Rated current	A	55,19
Starting current	TIMES	6.0
Winding connection		STAR
Rated efficiency	%	95,10
Rated power factor	cos	0,8
Plant altitude		0-1000m
Amb. Temperature		-20~+50°C
Duty		S1
Service factor		1,0
Bearing type (DE/NDE)		sleeve bearing DQ14-140A connect by wire to Ground / sleeve bearing DQ14-140AJ insulated
Lubrication		oil
Terminal box		cast iron
Fan		STEEL
Fan cover		STEEL SHEET
Direction of rotation looking at drive end		CW
Vibration grade		2.3mm/s
Noise pressure level at 1mt at full load	dB(A)	85+/- 3
Painting		RAL 5010
Installation environment		ACCORDING TO RELEVANGT IEC STANDARD
Operating schedule		yes
Noise level evaluation		ACCORDING TO RELEVANGT IEC STANDARD
ACCESSORIES		
Space heater rated voltage and tolerances.	V/W	220V 2*500W
Windings thermals detectors		6*PT100
Bearing thermals detectors		2*PT100