



FOCQUET SA

Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer

Client reference

Type:

MF-HV 355X-04

Brand

FOCQUET

Date

Identification

Frame:	355	mm	Insulation Class:	F
Output:	315	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1.00
Poles:	4	p	Duty:	S1
Rated Speed:	1480	rpm	Ambient Temperature:	-20~40°C
Slip:	1.33	%	Altitude:	1000m
Rated Voltage:	6600	V	Protection Degree:	IP55
Connection:	Y		Cooling:	IC411
Rated Current:	34.71	A	Mounting:	IM B3
Rotor Voltage:		V	Vibration:	2.8 mm/s
Connection:			Approx. Weight:	2200 kg
Rotor Current:		A	Moment of Inertia:	9 kg/m ²
Locked Rotor Current:	650	%	Noise Level (Lp) :	95 dB(A)
No Load Current:			Direction of Rotation:	Both
Rated Torque:	2032.6	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	80	%	Coupling:	DIRECT
Breakdown Torque:	200	%	Load Type:	PARABOLIC CURVE

Performance

Bearing Information

Output:	50%	75%	100%	Bearing:	DE	NDE
Efficiency(%) :	91.7	94.6	94.5	Regreasing int.(h):	4000	4000
Power Factor:	0.71	0.80	0.84	Grease amount(g)	60	60
				Grease-PolyrexEM	CALTEX SRI-2	CALTEX SRI-2

Notes / Accessories

Deviation Sheet

With winding PT100 6 PCS	
With bearing PT100 2 PCS	
With Space heater 230V	

Standards

Specification:	IEC60034-1 / GB755
Test:	IEC60034-2 / GB/T1032
Noise:	IEC60034-9 / GB10069.3
Vibration:	IEC60034-14 / GB10068

PRELIMINARY

DOCUMENT

Edition

Performed	Checked	Date

Item	Changes	Performed	Checked	Date