

**SACEMI
GAMAR**Motor type: XSH 10 A2N° D-1020/20XSH-10-VA2HT1416Customer : MOROOrder N° : ---**Plate date**Phases 3Hz 60 kW 3.0 V 220Δ/380Y RPM 3505 A 10.6/6.1 COS φ 0.84

Hz kW V RPM A COS φ

Duty S1 IP 55Ins. Cl. H Run capacitor - Start capacitor -

Efficiency IE(50Hz) η% (100%) η% (75%) η% (50%)

Efficiency IE 2(60Hz) η% 87.9 (100%) η% 87.5(75%) η% 85.5(50%)**Notes: Special AX + cast iron front flange and rear shield****Data sheet for three-phase squirrel-cage motor (50 Hz)**No load current at V 380 I₀ 2.3 Amp. Locked rotor current / Rated load current 8.3Full-load torque 8.3 NmLocked rotor torque / Full-load torque 2.8 Breakdown torque / Full-load torque 3.6**Load variable test (50 Hz)**

Load	Volt	Amp.	cos φ	η%	min ⁻¹	Notes
25 %	380	3.17	0.47	77.6	3579	
50 %	380	3.97	0.68	85.5	3557	
75 %	380	4.99	0.78	87.5	3532	
100 %	380	6.1	0.84	87.9	3507	
115 %	380	7.0	0.86	87.6	3490	
130 %	380	7.83	0.87	87.2	3474	

Ambient temperature 23 °CPhase resistance 0.908 Ohm Phase resistance - OhmΔT winding 42.6 °C - (S1 service) ΔT winding - °C ΔT frame 39.4 °C

General data		Mechanical data	
Frame size	100	Moment of inertia	
Type of construction	IM B5	Bearing AS	6206-2RSC3-WT-VITON
Method of cooling TEFC	IC 411	Bearing BS	6206-2RSC3-WT-VITON
Direction of rotation	Bi-directional	Frame material	Cast iron
Ambient temperature	-15 +40°C	Terminal box material	Aluminium
Altitude above sea level	1000 m	Cable entry	M20x1.5+M25x1.5
Standards and specifications	IEC 60034		
Notes			
Office <u>T.D.</u>		Date <u>22/07/20</u>	Signature