

Specification to Quotation 17217

Client No.	Date
110269	30/04/2025

1	Item Number	865068-02
	Type	GMOFR 132 XL-R / S1203
	Rating [kW]	2.90 / 12.70 / 14.40
	Speed [rpm]	500 / 1520 / 890
	Torque [Nm]	55 / 80 / 155
	Voltage [V]	131 / 346 / 288
	Current [A]	35 / 45 / 67,5
	Winding	series - compensated
	Nominal range	100:1
	Formfactor	1,05
	Duty cycle	S1 / S2-20s / S2-3s
	Insulation class	H
	Protection [IP]	55
	Cooling [IC]	416
	Mounting [IM]	3011
	Position of connector or conducting cable	on top *
	Colour RAL	5014
	Humidity & acid protection	yes, tropicalized
	Flange Ø [mm]	300
	Standard shaft end Ø x l [mm]	38 x 80
	Trapped hole acc. to DIN 332	DM12
	Armature balanced	half key
	Bearing drive end	ball bearing **
	Heater	2 belts, 230 V, 2x40W, 0,35A
	KTY	2 x 84-130
	Blower type	radial fan
	Voltage [V]	230 V AC
	Frequency [Hz]	50
	Filter	grid
	Position	radial
	Particularities	0,65 A ****
	Resolver	RTD 1 B14 Y3 P1 7
	Particularities	*****
	Brake type	FDW 20-T (PWM)
	Torque [Nm]	150
	Voltage [V]	288***
	Particularities	IP54
	Ambient temperature [°C]	- 10 °C up to + 50 °C

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Client No.	Date
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Installation Height max. 1.000 m asl
Drawing-No. M1.4659/a

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Particularities

design Moog-Id.-no.: 681-50068

- * Harting connector Han-32B-HSM-HC-QB
- * sleeve housing Han-32B-gg-R-M40
- ** coupling drive

***** Brake**

tolerance of voltage +10 % - -20 % - currentless switching
supply voltage by pulse width modulation
brake with surface protection against seasalty atmosphere
power rating 104 W, current 0,36 A
brake torque = holding torque = 150 Nm +30%
ambient temperature -40°C ... +50°C

****** forced cooling fan with condenser in terminal box**

******* Resolver**

Type RTD1 B14 Y3 P1 7 10 0,5 D2SR12
number of pole pairs 1 (2-pole)
connection 7 Vrms
input frequency 10 kHz
transformat. ratio 0,5
flange socket, radial, 12-pole
ambient temperature -40°C ... +85°C
protection IP65
clutched mounting
wired into motor connector
mounting hole in fan cover

running integrity, concentricity and perpendicularity of the shaft
end of flanged motors comply with DIN 42955
tolerance field N

surface protection against seasalty atmosphere
corrosion protection for salty air,
condensation water and dust

painting:

Epoxy resin Zinc phosphate basic coating, thickness 100
microns
Epoxy resin intermediate coating, thickness 100 microns
Polyurethane top coat, thickness 50 microns
Total minimum dry layer thickness, thickness 250 microns

with bar code
with load lugs
balancing class level "A"
moment of inertia 0.080 kgm²

Torque at installation altitude of max. 3,000 m a.s.l. NN
M = 44 Nm

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