

Dimension sheet is proportional.
 All dimension in mm.
 Technical data are subject to change.

Dim. sheet no.:	
Date:	7.2.2024
cat4CAD:	6.0.2598.442

Notes:	
Position:	1
Type:	CG082-11P-132S-04E-TH-TF



Position :	1
Gear series :	Helical geared motor
Type :	CG082-11P-132S-04E-TH-TF

Operation data :

Ambient temperature :	+20	°C
Type of operation :	S1	

Gear data :

Max. perm. thermal power limit at +20 °C and S1 operation :	29	[kW]
Output speed :	135	[rpm]
Output torque :	388	[Nm]
Service factor :	3.00	
Gear stages :	2	
Ratio :	10.82	
ZT-Code :		
Circumferential backlash (min-max) :	5' - 9'	
Perm. input torque at fB1 :	107	[Nm]
Max. perm. input speed :	2600	[rpm]
Mounting position :	M1	
Output shaft :	Ø 50 k6 x 100	[mm]
Keyway :	DIN6885.1	
Output shaft material :	C45E (1.1191)	
Vent plug :	0.2 bar (Standard)	
Painting :	LC1 - Indoor installation, neutral atmosphere NDFT 60 µm (C1 - DIN EN ISO 12944-5)	
Color :	RAL 7011 (Iron grey)	

Input side :

Type :	Direct mounting
Input shaft :	Ø 42 k6
Input flange :	FC160

Further executions gear unit :

Lubricant :	Mineral oil - CLP ISO VG 220
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Motor data :

Series :	WEG Modular System Motor (EUSAS)	
Housing material :	Aluminium	
Efficiency class η :	IE3-90.7%	
Type :	11P	
Motor power :	5.5	[kW]
Rated speed :	1465	[rpm]
Rated torque :	36	[Nm]
Voltage :	400/690	[V]
Frequency :	50	[Hz]

Technical product information

Connection :	D/Y	
Rated current :	10.3 / 5.97	[A]
Starting to rated current :	8.5	
'cos φ' :	0.85	
Protection class :	IP 55	
Mounting position of the terminal box :	side 1 cable entry I	
Insulation class :	F	
Mass moment of inertia :	52.84 x 10 ⁻³	[kgm ²]
Voltage range - 50 Hz :	380-420 V (D), 660-690 V (Y), 190-210 V (DD), 330-365 V (YY)	
Voltage range - 60 Hz :	440-480 V (D), 220-240 V (DD), 380-415 V (YY)	
Terminal board :	9 bolts, 12 leads	


Motor certifications :



Further motor executions :

Fan :	self ventilated
Temperature controller :	Bimetal switch NCC (TH) and PTC thermistor (TF) for switch off
Ball bearing :	Standard

Total weight :	108.4	[kg]
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3D Model (STEP) : 

Dimension sheet (PDF): 

3D Model (3D-PDF) :

To view the 3D PDF correctly you need Acrobat Reader®.
You can download it free of charge at <https://get.adobe.com/uk/reader/>.