



Product Service

CERTIFICATE

No. Z10 072237 0114 Rev. 01

Parameters: Temperature range: -10°C ~ +40°C
 Humidity: Below 90% RH
 Altitude: Below 2000m
 Safety function: PLd/PLe, CAT3, SIL2/SIL3 depending on model
 (see nomenclature)

Tested according to: IEC 62061:2005
 IEC 62061:2005/AMD1:2012
 IEC 62061:2005/AMD2:2015
 EN 62061:2005/A2:2015
 ISO 13849-1:2015
 EN ISO 13849-1:2015
 EN 61508-1:2010
 EN 61508-2:2010
 IEC 61508-1:2010
 IEC 61508-2:2010
 IEC 61800-5-2:2016
 EN 61800-5-2:2017
 IEC 61800-5-1:2007
 IEC 61800-5-1:2007/AMD1:2016
 EN 61800-5-1:2007/A1:2017
 EN 61326-3-1:2017
 EN 61800-3:2004/A1:2012

Factory(ies): 096972

Model(s): Goodrive GD20

GD20 - 055G - 4 - B - EU
 I II III IV V

Key	No	Instruction	Content
Product abbreviation	I	Abbreviation for product series	GD20: GD20 is short for Goodrive20
Rated power	II	Power range + load type	055: 55kW; G - Constant torque load
Voltage class	III	Voltage class	S2: 1PH 220V (-15%) ~240V(+10%) or 200V-240V 2: 3PH 220V (-15%) ~240V(+10%) or 200V-240V 4: 3PH 380V (-15%) ~440V(+10%) or 380V-480V
Additional remark 1	IV	Built-in braking unit	Null: Built-in braking unit is standard configuration for models <37kW
			-B Built-in braking unit is optional for models >45kW, -B is its built-in braking unit model
Additional remark 2	V		EU: Built-in safety torque stop function

Rated value

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Model	Rated input	Output power (kW)	Input current (A)	Output current (A)	STO function
GD20-0R4G-S2-EU	1PH 220V (-15%) ~240V (+10%) or 200V-240V	0.4	6.5	2.5	SIL2 PLd CAT.3
GD20-0R7G-S2-EU		0.75	9.3	4.2	
GD20-1R5G-S2-EU		1.5	15.7	7.5	
GD20-2R2G-S2-EU		2.2	24	10	
GD20-0R4G-2-EU	3PH 220V (-15%) ~240V (+10%) or 200V-240V	0.4	3.7	2.5	SIL2 PLd CAT.3
GD20-0R7G-2-EU		0.75	5	4.2	
GD20-1R5G-2-EU		1.5	7.7	7.5	SIL3 PLe CAT.3
GD20-2R2G-2-EU		2.2	11	10	
GD20-004G-2-EU		4	17	16	
GD20-5R5G-2-EU		5.5	21	20	
GD20-7R5G-2-EU	7.5	31	30		
GD20-0R7G-4-EU	3PH 380V (-15%) ~440V (+10%) or 380V-480V	0.75	3.4	2.5	SIL2 PLd CAT.3
GD20-1R5G-4-EU		1.5	5.0	4.2	
GD20-2R2G-4-EU		2.2	5.8	5.5	
GD20-004G-4-EU		4	13.5	9.5	
GD20-5R5G-4-EU		5.5	19.5	14	SIL3 PLe CAT.3
GD20-7R5G-4-EU		7.5	25	18.5	
GD20-011G-4-EU		11	32	25	
GD20-015G-4-EU		15	40	32	
GD20-018G-4-EU		18.5	47	38	
GD20-022G-4-EU		22	51	45	
GD20-030G-4-EU		30	70	60	
GD20-037G-4-EU		37	80	75	
GD20-045G-4-EU		45	98	92	
GD20-045G-4-B-EU		45	98	92	
GD20-055G-4-EU		55	128	115	
GD20-055G-4-B-EU		55	128	115	
GD20-075G-4-EU		75	139	150	
GD20-075G-4-B-EU		75	139	150	
GD20-090G-4-EU		90	168	180	
GD20-090G-4-B-EU		90	168	180	
GD20-110G-4-EU	110	201	215		
GD20-110G-4-B-EU	110	201	215		

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