



Data sheet for SINAMICS DCM

Article No. : 6RA8091-6DS22-0AA0-Z
G00+G20+S01

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Rated data	
Armature	
Rated supply voltage armature	400 V
Rated DC voltage	485 V
Rated input current armature	996 A
Rated DC current	1,200 A
Field	
Field power unit	Field power unit 1Q (standard)
Rated supply voltage field	2AC 480V
Rated DC current	40 A
Converter	
Mode of operation	Two-quadrant operation
Rated power	582 kW
Power loss	4,107 W
Degree of protection	IP00
Installation altitude	1,000 m
Dimensions (W x H x D)	785 x 268 x 435 mm
Weight approx.	78 kg

Search values	
Type of construction	Chassis unit
Rated voltage armature	420 V
Rated armature current	1,200 A
Rated excitation voltage	320 V
Rated excitation current	40 A
Max. overvoltage of the AC line supply	0 %
Installation altitude	1,000 m
Coolant temperature	40 °C
Mode of operation	Two-quadrant operation
Load class	Class DC I (continuous duty)

Special design	
G00	Advanced CUD left slot
G20	Communication Board CBE20 left
S01	Memory card left