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Brushless Drives

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DGM460



Sinusoidal digital brushless servo drive in highly compact stand-alone single-axis version with input from 300 to 460VAC for the control of sinusoidal-type brushless servo motors equipped with resolvers of up to 72 Nm torque.

Structure: Intelligent shape thanks to compact size and connections only on the front that make the design and construction of the control panel easier with better access for assembly and maintenance and optimized space with a general reduction of overall dimensions.

Hardware: Complete with built-in feeder, breaking resistance* and circuits, and EMC filter**. The power stage is made with intelligent power IGBT.

Simple to use with either onboard numerical keypad or [software Accord®](#) for interface between PC and drive. Modbus , CANOPEN DS402 or Profibus communication protocol via RS485.

Software: Equipped with control software applications such as multi-positioners, electronic cams, electric axes, and flying shear controls, these drives find particular applications in market sectors that demand high response speed and extreme precision like packaging, food processing, flexographic printing, woodworking, textile, printing, and glass/marble working machines and robots, etc.

DGM460, surprisingly easy to use high digital technology.

	Accessories	Brochure		Drawings		Handbook	Software	
	Technical Specifications							
DGM	460 TYPE							
Size	1.3/2.6	2.5/5	6/12	10/20	20/40	35/70	45/90	75/150
DC Power Supply Min/Max (V)	3x400Vca -15% up to 460Vca +10% - 50/60Hz							
Rated Current (A)	1.3A	2.5A	6A	10A	20A	35A	45A	75A
Peak current for 2" (A)	2.6A	5A	12A	20A	40A	70A	90A	150A
Output Power (W)	620W	1190W	2860W	4770W	9540W	16690W	21460W	35,5kW
Internal Brake Resistor	No resistor	RF100R/90W		RF82R/300W				
External Brake Resistor		RF82R/600W		RF62R/1300W	RF39R/1300W	2xRF39R/1300W	RF18R/2000W	RF18R/4000W
DC Power Supply Min/Max	400÷700							
Dimensions	T0	T1	T2	T3		T4		T5
External EMC Filter	FTM05		FTM10	FTD10	FTD20	FTD35	FTM50	FTM80
Weight kg	1.6	2.6	2.8	5.5		12	12	20

* not available for some sizes.External assembly.
** not available for some sizes.External assembly.