

Modular system

Double-axis inverter IndraDrive M - HMD



Modular system

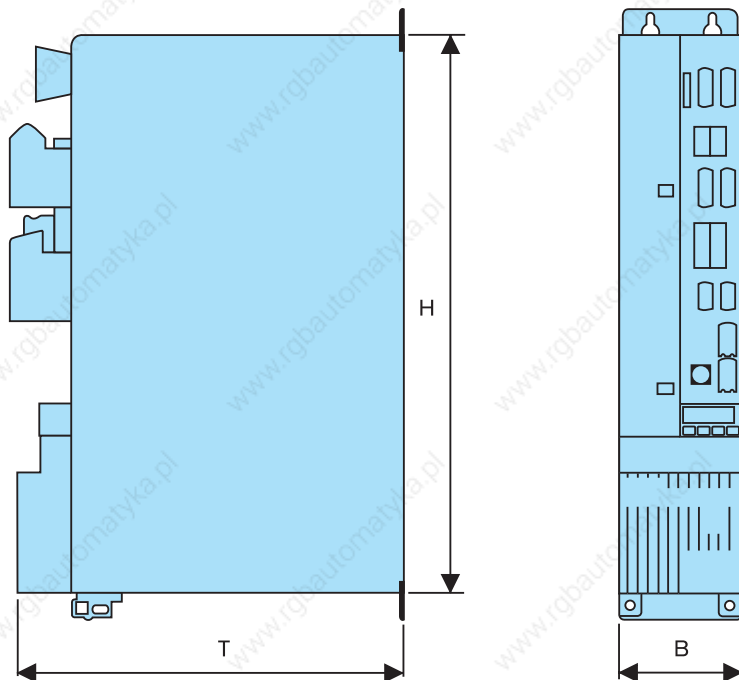
Double-axis inverter ■ Ind**ve M - HMD****Documentation**

- Operating Instructions
- Project Planning Manual

Technical data

		HMD01.1N-W0012	HMD01.1N-W0020	HMD01.1N-W0036
Power				
Continuous current	[A]	6.9	10	20
Maximum current	[A]	12	20	36
Motor nominal power typ.	[kW]	3	4	7.5
Input voltage	[V]	DC 254...750 V		
DC bus				
Switching frequency/max. output frequency	4 kHz	0...400 Hz		
	8 kHz	0...800 Hz		
Output voltage	[V]	3 x AC 0...main voltage V		
DC bus voltage	[V] DC	254...750 V		
Control Voltage				
Control Voltage	external	24V ± 20%		
Power consumption without control unit and motor brake	[W]	17		11
Protection				
Category Total		IP20 (IEC529)		
Degree of contamination		2 (EN50178)		
EMC		EN61800-3		
Cooling system		forced ventilated		
Standards				
Certification		EN61800-5-1UL 508 C-		
Weight				
Weight	[kg]	5.5	5.6	7.5
Ambient conditions				
Ambient temp. operation	[°C]	0 ... 40 °C		
	Derating [°C]	0 ... 55 °C		
Ambient temp. storage	[°C]	-25...55 °C		
Relative humidity operation	[%]	5...95 %		
Relative humidity storage	[%]	5...95 %		
Installation height	[m]	1000		
	Derating [m]	4000		

Modular system

Double-axis inverter ■ IndraDrive M - HMD**Dimensions**

		HMD01.1N-W0012	HMD01.1N-W0020	HMD01.1N-W0036
Dimensions				
Height H	[mm]	440	440	440
Width W	[mm]	50	50	75
Depth D	[mm]	262	262	262

Components

Description	Page	Details
Control units	Double-axis	BASIC UNIVERSAL

Bosch Rexroth AG

Electric Drives and Controls

P.O. Box 13 57

97803 Lohr, Germany

Bgm.-Dr.-Nebel-Str. 2

97816 Lohr, Germany

Phone +49 9352-40-0

Fax +49 9352-40-4885

www.boschrexroth.com/electrics

The data specified above only serve to describe the product.

As our products are constantly being further developed, no statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.