

Modular system

# Double-axis inverter IndraDrive M - HMD



Modular system

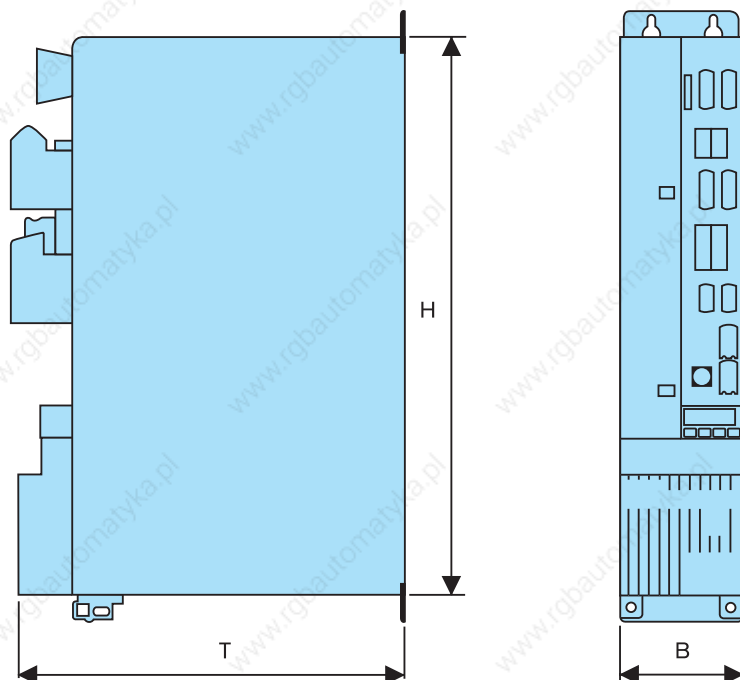
**Double-axis inverter ■ Ind****ve M - HMD****Documentation**

- Operating Instructions
- Project Planning Manual

**Technical data**

		HMD01.1N-W0012	HMD01.1N-W0020	HMD01.1N-W0036
<b>Power</b>				
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		
<b>DC bus</b>				
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		
<b>Control Voltage</b>				
Control Voltage	external	24V ± 20%		
Power consumption without control unit and motor brake	[W]	17		11
<b>Protection</b>				
Category Total		IP20 (IEC529)		
Degree of contamination		2 (EN50178)		
EMC		EN61800-3		
Cooling system		forced ventilated		
<b>Standards</b>				
Certification		EN61800-5-1UL 508 C-		
<b>Weight</b>				
Weight	[kg]	5.5	5.6	7.5
<b>Ambient conditions</b>				
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		

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

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

**Components**

Description	Page	Details
Control units	Double-axis	BASIC UNIVERSAL

**Bosch Rexroth AG**

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