



Type of MHDA drive			Digital for controlling brushless motors						
			Lexium 17D					Lexium 17D HP	
Power supply	Voltage		208–480 Vac 3-phase						
	Current		1.8 A rms	3.6 A rms	7.2 A rms	12 A rms	24 A rms	48 A rms	84 A rms
Output current	Continuous		1.5 A rms	3 A rms	6 A rms	10 A rms	20 A rms	40 A rms	70 A rms
	Intermittent (5 s)		3 A rms	6 A rms	12 A rms	20 A rms	40 A rms	80 A rms	140 A rms
Anti-start			Integrated (1)					Integrated	
Braking resistor			Integrated					Not integrated	
EMC filter			Integrated					Not integrated	
Catalog number	Analog control mode		MHDA 1004A00	MHDA 1008A00	MHDA 1017A00	MHDA 1028A00	MHDA 1056A00	MHDA 1112A00	MHDA 1198A00
	Optional card for SERCOS mode (2)		AM0SER001V000						
	Communication cards (2)		Fipio bus: AM0FIP001V000, Modbus Plus network: AM0MBP001V000, Profibus DP bus: AM0PBS001V000,						
Type of associated brushless motor (3)									
Lexium SER (IP41 or IP56)		Lexium BPH (IP65 or IP67)	Continuous torque at standstill/peak torque at standstill						
	BPH0552S	8000 rpm	3.5/9.7 in-lb						
	BPH0751N	6000 rpm	8/16.8 in-lb	11.5/30.1 in-lb					
SER39A4L7S	6000 rpm		9.7/22.1 in-lb	9.7/35.4 in-lb					
SER39B4L3S	6000 rpm			19.5/38.9 in-lb	19.5/70.8 in-lb				
	BPH0752N	6000 rpm	11.5/22.1 in-lb	20.4/42.5 in-lb					
SER39C4L3S	6000 rpm			25.7/41.6 in-lb	25.7/83.2 in-lb				
	BPH0952N	6000 rpm		32.7/63.7 in-lb	38.1/119 in-lb				
SER3BA4L3S	6000 rpm				40.7/80.4 in-lb	40.7/135 in-lb			
SER3BA4L5S	6000 rpm			41/73 in-lb	41/133 in-lb				
	BPH0953N	6000 rpm			53/119 in-lb	53/180 in-lb			
SER3BB4L3S	6000 rpm				58/106 in-lb	58/177 in-lb			
SER3BB4L5S	6000 rpm				58/140 in-lb	58/221 in-lb			
	BPH1152N	6000 rpm			65/120 in-lb	65/171 in-lb			
	BPH1153N	6000 rpm			60/119 in-lb	93/168 in-lb			
SER3BC4L5S	6000 rpm				89/150 in-lb	89/248 in-lb			
SER3BC4L7S	3000 rpm			89/142 in-lb	89/283 in-lb				
	BPH1422N	4000 rpm				101/159 in-lb	106/266 in-lb		
SER3BD4L5D	6000 rpm					119/257 in-lb			
SER3BD4L7S	3000 rpm				119/212 in-lb	119/336 in-lb			
	BPH1423N	4000 rpm				128/212 in-lb	150/372 in-lb		
	BPH1902N	4000 rpm					221/332 in-lb		
	BPH1903K	4000 rpm					319/504 in-lb		
	BPH1904K	4000 rpm					407/674 in-lb		
	BPH1907K	4000 rpm						664/1390 in-lb	
	BPH190AK	4000 rpm						797/1443 in-lb	885/2036 in-lb

(1) For drives without integrated anti-start function, replace the **A** in the catalog number with **N**. Example: **MHDA1004A00** becomes **MHDA1004N00**.

(2) Exclusive use (1 slot only).

(3) Complete catalog numbers with type of integrated sensor, degree of protection: See the "Lexium motion control" Catalog #AUTCD21124207EN.

Accessories

Type of accessory	External braking resistor				
Use for drives	MDHA1004/1008		MDHA1017/1028/1056	MDHA1112	MDHA1198
Power	250 W	500 W	1500 W	860 W	1600 W
Catalog number	AM0RFE001V025	AM0RFE001V050	AM0RFE001V150	AM0RFE002V086	AM0RFE002V160
Type of accessory	Input choke (compulsory)				
Use for drives	MDHA1112			MDHA1198	
Characteristics	60 A rms continuous			75 A rms continuous	
Catalog number	AM0CHK170			AM0CHK212	

Connection accessories and cables: See our "Lexium motion control" Catalog #AUTCD21124207EN.