

HYBRID AND DIGITAL ADJUSTABLE FREQUENCY DRIVES

ELECTRICAL fact sheet



AC Drive, Hybrid Drive™ – NEMA 1

These Adjustable Frequency Drives are rated for up to 1 horsepower motors. These drives are housed in NEMA 1 enclosures. They contain an On/Off AC Line Switch and a Main Speed Potentiometer. A Hybrid Drive combines the digital technology of the microprocessor with an easy to use analog interface. Simple trimpot adjustments and selectable jumpers are used in lieu of complicated programming.

ITEM NO.		MAX HP	MAX OUTPUT		ENCLOSURE	DIMENSIONS (IN.)		
BLACK			AMPS			H	W	D
Hybrid AC Drive 1-Phase, 115 & 208/230 VAC, 50/60 Hz Input, 3-Phase 230 VAC Output								
13E660		1/2	2.40		NEMA 1	6.06	3.92	9
13E661		1	3.60		NEMA 1	7.00	5.10	7.13



AC Drive, Hybrid Drive™ – NEMA 4X

This series of Adjustable Frequency Drives consist of twelve inverter models rated for 1/8 to 5 horsepower motors. These drives are housed in heavy duty NEMA 4X die-cast aluminum washdown/watertight enclosures for indoor or outdoor use. Hybrid drives are a digital drive with an analog interface. A Hybrid Drive combines the digital technology of the microprocessor with an easy to use analog interface. Simple trimpot adjustments and selectable jumpers are used in lieu of complicated programming.

ITEM NO.		MAX HP	MAX OUTPUT		ENCLOSURE	DIMENSIONS (IN.)		
DK GREY	WHITE (FDA)		AMPS			H	W	D
Hybrid AC Drive 1-Phase, 115 & 208/230 VAC, 50/60 Hz Input, 3-Phase 230 VAC Output								
13E632	13E633	1	3.60		NEMA 4X	9.53	5.51	5.86
13E634	13E635	2	6.70		NEMA 4X	9.80	7.55	7.25
13E636	13E637	3	9.00		NEMA 4X	9.80	7.55	7.25
Hybrid AC Drive 1 & 3-Phase, 208/230 VAC, 50/60 Hz input, 3-Phase 230 VAC Output								
13E638	13E639	2 HP w/ 1-Phase Input	6.70		NEMA 4X	9.80	7.55	7.25
		3 HP w/ 3-Phase Input	9.00					
Hybrid AC Drive 3-Phase, 400/460 VAC, 50/60 Hz input, 3-Phase 460 VAC Output								
13E640	13E641	3	4.60		NEMA 4X	9.80	7.55	7.25
13E642	13E643	5	8.30		NEMA 4X	9.80	7.55	7.25



13E632

AC Drive, Digital Drive – NEMA 1

The Digital Adjustable Frequency Drive is rated for 1/8 to 1 horsepower motors. This drive is housed in NEMA 1 aluminum enclosure. This drive has a digital display and Common Sense Programming (CSP). Parameters are organized in easy-to-understand intuitive groups.

ITEM NO.		MAX HP	MAX OUTPUT		ENCLOSURE	DIMENSIONS (IN.)		
BLACK			AMPS			H	W	D
Digital AC Drive w/CSP™ 1-Phase, 115 & 208/230 VAC, 50/60 Hz input, 3-Phase 230 VAC Output								
13E662		1	3.60		NEMA 1	7.00	5.10	7.13



13E662

AC Drive, Digital Drive-IP 20

This series of Adjustable Frequency Drives consist of six inverter models rated for 1/8 to 5 horsepower motors. These drives are housed in IP 20 enclosures. They are ideal for OEM applications where programming and displays are required. This drive has a digital display and Common Sense Programming (CSP). Parameters are organized in easy-to-understand intuitive groups.

ITEM NO.		MAX HP	MAX OUTPUT		ENCLOSURE	DIMENSIONS (IN.)		
BLUE/BLACK	AMPS		H	W		D		
Digital AC Drive w/CSP™ 1-Phase, 115 & 208/230 VAC, 50/60 Hz Input, 3-Phase 230 VAC Output								
32J570		1/2	2.40	IP 20	7.15	3.40	5.10	
32J571		1	4.00	IP 20	7.15	3.40	5.10	
32J572		2	6.70	IP 20	7.15	3.40	5.10	
Digital AC Drive w/CSP™ 1 & 3-Phase, 208/230 VAC, 50/60 Hz Input, 3-Phase 230 VAC Output								
32J576		2 HP w/ 1-Phase Input	6.70	IP 20	7.8	4.40	6.10	
		3 HP w/ 3-Phase Input	9.00					
Digital AC Drive w/CSP™ 3-Phase, 400/460VAC, 50/60 Hz Input, 3-Phase 460 VAC Output								
32J578		3	4.60	IP 20	7.8	4.40	6.10	
32J579		5	8.30	IP 20	7.8	4.40	6.10	



32J576

AC Drive, Digital Drive – NEMA 4X

This series of Digital Adjustable Frequency Drives consist of sixteen inverter models rated for 1/8 to 5 horsepower motors. These drives are housed in heavy duty NEMA 4X die-cast aluminum washdown/watertight enclosures for indoor or outdoor use. This drive has a digital display and Common Sense Programming (CSP). Parameters are organized in easy-to-understand intuitive groups.

ITEM NO.		MAX HP	MAX OUTPUT		ENCLOSURE	DIMENSIONS (IN.)		
DK GREY	WHITE (FDA)		AMPS	H		W	D	
Digital AC Drive w/CSP™ 1-Phase, 115 & 208/230 VAC, 50/60 Hz Input, 3-Phase 230 VAC Output								
13E644	13E645	1	3.60	NEMA 4X	9.53	5.51	5.86	
13E646	13E647	2	6.70	NEMA 4X	9.80	7.55	7.25	
13E648	13E649	3	9.00	NEMA 4X	9.80	7.55	7.25	
Digital AC Drive w/CSP™ 3-Phase, 208/230 VAC, 50/60 Hz Input, 3-Phase 230 VAC Output								
13E650	13E651	1	3.60	NEMA 4X	9.80	7.55	7.25	
Digital AC Drive w/CSP™ 1 & 3-Phase, 208/230 VAC, 50/60 Hz Input, 3-Phase 230 VAC Output								
13E652	13E653	2 HP w/ 1-Phase Input	6.70	NEMA 4X	9.80	7.55	7.25	
		3 HP w/ 3-Phase Input	9.00					
Hybrid AC Drive 3-Phase, 400/460 VAC, 50/60 Hz Input, 3-Phase 460 VAC Output								
13E654	13E655	1	2.00	NEMA 4X	9.80	7.55	7.25	
13E656	13E657	3	4.60	NEMA 4X	9.80	7.55	7.25	
13E658	13E659	5	8.30	NEMA 4X	9.80	7.55	7.25	



13E652

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