



KBMA Hybrid Drive™ – NEMA 1 / IP 50

The KBMA Series of Adjustable Frequency Drives consist of two inverter models rated for 1/8 to 1 horsepower motors. These drives are housed in NEMA 1 / IP 50 aluminum enclosures. The KBMA-24DF contains a built-in CE approved AC Line Class “A” Industrial Standard RFI (EMI) Filter. Hybrid drives are a digital drive with an analog interface.

Option: Forward-Stop-Reverse Switch.

Maximum HP		AC Line Voltage (50/60 Hz)	Phase (Ø)	Model Number	Part No.	Max. AC Line Current (Amps AC)	Voltage Range (Volts AC)	Max. Load Current (Amps/Phase)	Net Weight		Dim. Ref. Code
HP	kW								Lbs.	kg	
1	0.75	115	1	KBMA-24D	9533	14.4	0 – 208/230	3.6	2.42	1.09	C
		208/230				9.5					
1	0.75	115	1	KBMA-24DF	9534	9.5	0 – 208/230	3.6	2.48	1.12	C
		208/230									



KBVF Hybrid Drive™ – Chassis / IP 20

The KBVF Series of Adjustable Frequency Drives consist of sixteen inverter models rated for 1/10 to 5 horsepower motors. These chassis / IP 20 drives are ideal for OEM applications where digital programming and displays are not required. Hybrid drives are a digital drive with an analog interface.

Options: Drive-Link™ Programming Kit, SIVFR Signal Isolator and Run Fault Relay (Standard on 460 VAC models), DIVF Modbus Serial Communication Module, Class “A” or “B” (CE) RFI Filter, DBVF Dynamic Brake Module, Multi-Speed Board, KBRK Remote Digital Keypad (OEM applications only) and IOVF Input/Output Multi-Function Module.

Maximum HP		AC Line Voltage (50/60 Hz)	Phase (Ø)	Model Number	Part No.	Max. AC Line Current (Amps AC)	Voltage Range (Volts AC)	Max. Load Current (Amps/Phase)	Net Weight		Dim. Ref. Code
HP	kW								Lbs.	kg	
1/2	0.37	115	1	KBVF-13	9957	9.6	0 – 208/230	2.4	1.3	0.6	D
1	0.75	115	1	KBVF-14	9977	14	0 – 208/230	4	2.2	1.0	E
1/2	0.37	208/230	1	KBVF-23	9958	6	0 – 208/230	2.4	1.3	0.6	D
1	0.75	208/230	1	KBVF-24	9978	10	0 – 208/230	4	2.2	1	E
1/10	0.07	115	1	KBVF-21D*	9581	4	0 – 208/230	1	0.7	0.3	F
		208/230				2.5					
1/4	0.18	115	1	KBVF-22D*	9572	6	0 – 208/230	1.5	1.3	0.6	D
		208/230				3.8					
1/2	0.37	115	1	KBVF-23D*	9959	9.7	0 – 208/230	2.4	1.3	0.6	D
		208/230				6					
1	0.75	115	1	KBVF-24D*	9979	14	0 – 208/230	4	2.2	1	E
		208/230				10					
1½	1.13	115	1	KBVF-26D*	9496	22	0 – 208/230	5.5	2.9	1.3	G
		208/230				14					
1/2	0.37	208/230	3	KBVF-23P	9676	3.1	0 – 208/230	2.4	1.1	0.5	D
1	0.75	208/230	3	KBVF-24P	9677	5.2	0 – 208/230	4	2.2	1	E
2	1.5	208/230	1	KBVF-27	9591	17	0 – 208/230	6.7	4.1	1.9	H
			3			8.7					
2	1.5	208/230	1	KBVF-29	9593	22.5	0 – 208/230	9	4.6	2.1	H
			3			11.7					
1	0.75	400/460	3	KBVF-42**	9645	2.6	0 – 400/460	2	2.8	1.3	I
3	2.25	400/460	3	KBVF-45**	9590	5.3	0 – 400/460	4.6	4.1	1.9	J
5	3.75	400/460	3	KBVF-48**	9592	11	0 – 400/460	8.3	4.6	2.1	J

*Models KBVF-21D, 22D, 23D, 24D and 26D are available in single voltage AC line input (115 or 208/230 VAC) and also contain a built-in Motor Filter to eliminate winding and bearing failures.

**Contains SIVFR signal input isolation and Run/Fault output relay.

