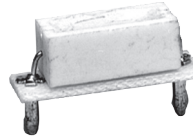


KB Plug-In Horsepower Resistor® Selection Chart



Motor Characteristics SCR Controls (KBIC, KBMM, KBPB, KBCC, KBWM, KBMD)		Plug-In Horsepower Resistor® Ordering Information				Motor Characteristics PWM Controls (KBWD, KBWS)				
Armature Voltage		Motor Current (Amps DC)	Plug-In Horsepower Resistor Value (Ohms)	Individual Plug-In Horsepower Resistor Part No.	Reorder Kit 50 pcs. per Value Part No.	SCR Rated Motor Horsepower @ 90 VDC	SCR Rated Motor Horsepower @ 180 VDC	PWM Rated Motor Horsepower @ 130 VDC	PWM Rated Motor Horsepower @ 200 VDC	Motor Current (Amps DC)
90 – 130 VDC	180 VDC									
Motor Horsepower Range										
—	—	—	2	9949	9950	1/100 – 1/50	1/50 – 1/25	1/50 – 1/25	1/25 – 1/20	.2
1/100 – 1/50	1/50 – 1/25	.1 – .2	1	9833	9885	1/30 – 1/20	1/15 – 1/10	1/20 – 1/15	1/8 – 1/6	.4
1/50 – 1/30	1/25 – 1/15	.2 – .3	.51	9834	9886	1/15 – 1/10	1/6 – 1/5	1/12 – 1/8	1/6 – 1/4	.7 – 1
1/30 – 1/20	1/15 – 1/10	.3 – .5	.35	9835	9887	—	—	—	—	—
1/20 – 1/12	1/10 – 1/6	.5 – .7	.25	9836	9888	1/8 – 1/6	1/4 – 1/3	1/6 – 1/4	1/3 – 1/2	1.3 – 2
1/12 – 1/8	1/6 – 1/4	.7 – 1	.18	9837	9889	1/4	1/2	1/3	3/4	2.5
1/8 – 1/6	1/4 – 1/3	1.2 – 1.8	.1	9838	9890	1/3 – 1/2	3/4 – 1	1/2 – 3/4	1 – 1½	3.3 – 6
1/4	1/2	2.5	.05	9839	9891	3/4 – 1	—	1 – 1½	—	7.5 – 10
1/3	3/4	3.3	.035	9840	9892	—	—	—	—	—
1/2	1	5	.025	9841	9893	—	—	—	—	—
3/4	1 – 1/2	7.5	.015	9842	9894	—	—	—	—	—
1	2	10	.01	9843	9895	—	—	—	—	—
1½	3	15	.006	9850	9896	—	—	—	—	—

KB Fuse Selection Chart



90 VDC Motor	180 VDC Motor	Motor Current	Fuse Rating (AC Amps)	Individual Fuse Part No.	Reorder Kit 100 Pcs. per Value Part No.
Horsepower					
1/30	1/15	.33	1/2	9736	9871
1/20	1/10	.5	3/4	9737	9872
1/15	1/8	.65	1	9738	9873
1/12	1/6	.85	1¼	9739	9874
1/8	1/4	1.3	2	9740	9875
1/6	1/3	1.7	2½	9741	9876
1/4	1/2	2.5	4	9742	9877
1/3	3/4	3.3	5	9743	9878
1/2	1	5	8	9744	9879
3/4	1½	7.5	12	9745	9880
1	2	10	15	9746	9881
1½	3	15	25	9747	9882

The information in this selection guide is intended to be accurate. However, KB Electronics, Inc. bears no responsibility for any inconvenience or damage as a result of the information contained herein. The KB logo is a registered trademark of KB Electronics, Inc.

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