

Accessories

AC | DC | BL "L" Brackets



Model No.	Description
A 0969	Kit for E, F and FX gearmotors (will not fit 48R-F or 48R-FX)
B 0970	Kit for WX gearmotors
C 0979	Kit for 34R and 34B motors
D 0980	Kit for 34R-Z gearmotors
E 0990	Kit for 24A motors
F 5968	Kit for 30R and 33A motors; 30R-D, 24A-D, 22B-D, 24A-Z, 33A-Z and 22B-Z gearmotors

AC | DC | BL Motor and Gearmotor Accessory Kits



Model No.	Description
A 0967	Base plate kit for 3F gearmotors
B 0977	IP-44 protection kit for 33A gearmotors and motors
C 0978	IP-44 protection kit for 42A gearmotors and motors
D 0984	Die cast terminal box kit for 34R, 42R, 48R, and 33A, 42A motors and gearmotors (DC: does not fit on 12 or 24VDC models)
E 0985	Oversized die cast t-box kit. Fits capacitor for use with 42R-FX gearmotors. Also fits 42R, 48R, 33A and 42A motors/gearmotors.
— 1982	Die cast terminal box with terminal block for 30R motors and gearmotors
— 1984	Die cast terminal box kit with terminal block for 34R, 42R, 48R, 33A and 42A motors/gmtrs. 90/130, 130V and 180VDC models only.
— 5982	Die cast terminal box for 30R motors and gearmotors
F 0992	Adaptor plate for mounting brakes or encoders for 33A/42A gearmotors/motors with accy. ready shaft extensions
G 0993	Adaptor plate for mounting brakes or encoders for 22B/34B gearmotors/motors with accy. ready shaft extensions
H 0995	3-hole adaptor plate for E, F, WX and FX gearmotors. Provides drop-in replacement for competitive gearmotors.
I 0991	Die cast base kit for 42A motors and gearmotors
J 0996	Base kit for 34R motors and gearmotors
K 0960	Mounting Flange for 60P planetary gearmotors (U.S.)
L 0961	Mounting Flange for 60P planetary gearmotors (Metric)
M 0962	IP-66 Seal Kit for 60P planetary gearmotors (U.S.)
N 0963	IP-66 Seal Kit for 60P planetary gearmotors (Metric)
O 0958	Base Mount Kit for 5L/H Hollow Shaft Gearmotors

AC Capacitors

Select a run capacitor based on the specifications found on pages 4-21 (29-33 for metric models) and in the tables below. The AC gearmotor or motor nameplate states the required capacitance of the run capacitor, but it is also critical to specify a capacitor that has the voltage ratings as shown in these tables. When using a run capacitor that is not supplied by Bodine Electric, please make sure the voltage rating is equal to or higher than the voltage rating specified on this page. Different motor sizes might require a different minimum voltage rating for the run capacitor.



Box-Type Capacitor



Metal Can-Type Capacitor

Capacitors

Part No.	µF /VAC	Part No.	µF /VAC	Part No.	µF /VAC
Box-Type Metalized Film Capacitor (Plastic Case)					
49400045 ¹	0.9/250	49426812 ¹	4.0/250	49401123 ¹	3.75/370
49400046 ¹	1.0/250	49401015	5.0/250	49401068 ¹	5.0/400
49400047 ¹	1.2/250	49401154 ^{1,3}	7.5/370	49401107 ¹	12.5/370
49400048 ¹	1.3/250	49401054	10.0/250	49401075 ¹	15.0/350
49400050 ¹	1.5/250	49401115 ¹	6.0/450	49401057	20.0/350
49400051 ¹	1.6/250	49401106	9.0/250	Round Metal Can-Type Capacitor	
49401049	0.4/440	49401006	12.5/250	49401124	25.0/370
49400091	1.3/440	49401156 ³	15.0/250	49401145 ²	45.0/250
49401047	2.3/250	49401113 ¹	20.0/250	49401147 ²	40.0/250
		49401112 ¹	27.5/250	49401148 ²	10.0/450
		49401090 ¹	30.0/250		

¹ Capacitor fits inside terminal box kit model 0984. ² Capacitor fits inside oversized terminal box model number 0985. ³ New capacitor part number effective 06/2016.

Capacitor Mounting Clamps

Model No.	Description
A 54701013	Mounting clamp for round, metal can type capacitor model 49401124
B 54701029	Mounting clamp for round, metal can type capacitors: models 49401145, 49401147, and 49401148





Shaft Kits for type 3F/H, 5L/H and GB/H hollow shaft gearmotors

Model No.	Description
0910	Shaft kit for type 3F/H gearmotors, 1/2 inch diameter, single shaft
0920	Shaft kit for type 3F/H gearmotors, 1/2 inch diameter, double shaft
0912	Shaft kit for type 5L/H gearmotors, 5/8 inch diameter, single shaft
0922	Shaft kit for type 5L/H gearmotors, 5/8 inch diameter, double shaft
0917	Shaft kit for type GB/H gearmotors, 3/4 inch diameter, single shaft
0927	Shaft kit for type GB/H gearmotors, 3/4 inch diameter, double shaft
0928	Shaft Kit for type 5L/H gearmotors, 5/8 inch to 3/4-inch diameter, single shaft
0950	Cover kit for type 3F/H gearmotors
0951	Cover kit for type 5L/H and GB/H gearmotors
0955	Flange mount kit for 3F/H gearmotors
0956	Flange mount kit for 5L/H and GB/H gearmotors

Encoder Shaft Kit for type 22B4-60P planetary gearmotors

0964	Encoder Shaft Kit, 3/8 inch diameter
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Cover kits type 3F/H (left), types 5L/H and GB/H (right)

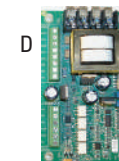


Flange mount kits type 3F/H (left), types 5L/H and GB/H (right)



Encoder Shaft Kit

Item	Model No.	Description
—	0888	Analog Interface Board for use with model 0810, 0830, and 0850 controls. Allows control to accept a variable voltage or current signal from user's host controller to automatically control motor speed. Inputs are optically isolated.
—	0890	Electronic Direction and Braking Board, F-B-R Kit , for use with model 0810, 0830, and 0850 controls. Allows user to change motor direction and to dynamically brake motor to a quick stop. Inputs are not optically isolated. This kit includes one F-B-R board, one cable and connector, mounting hardware, and two additional braking resistors.
—	0893	Local/Remote Switch for use with model 0810, 0830, and 0850 controls when used with accessory model 0888. Allows user to switch between automatic and manual operation.
—	0895	Switch Sealing Kit upgrades NEMA-12 brushless DC and PMDC enclosed controls to IP-44 rating.
A	3981	Cable Kit for stock 34B/FV INTEGRAMotors. Length: six feet (3 cables: power, logic and encoder).
B	3982	Extension Cable for model 3910, 3911, 3921 and 3912 controls. Extends the cable between the motor and control by six feet. Both ends are equipped with circular connections for easy connection between model 3983 cable assembly or encased control and the motor. Length: six feet.
C	3983	Connection Cable Assembly for connecting model 3910, 3921 and 3911 chassis controls to stock 130 V motors. One end of the cable is equipped with a circular connector, the other end is equipped with quick disconnects for phase leads, and a molded connector for the commutation leads. Length: 6 feet.
D	3984	Analog Interface And Isolation Module for model 3910, 3911, 3921 and 3912 controls. Provides Analog interface and isolates controls from system controller input signals which may be at different potentials.
—	43300260	Speed Potentiometer Kit for use with FPM controls. Contains 10k Ohm potentiometer, hardware, wire and connector for manually regulating motor speed.
—	43300270	Fuse and Speed Potentiometer Kit for use with model 3910 control. Contains potentiometer for manually regulating motor speed and various fuses to cover the range of motors and gearmotors which can be used with the control.



Metric "L" Brackets

Item	Model No.	Description
A	0990	Metric Kit for 24A
B	1968	Metric Kit for 33A motors, and type D and Z gearmotors
C	1970	Metric Kit for type W gearmotors
D	1969	Metric Kit for E, F and FX gearmotors (will not fit 48R-F or 48R-FX)
—	—	no "L" bracket kits are available for 34R and 34R-Z gearmotors

Metric Motor and Gearmotor Kits

Item	Model No.	Description
E	1982	Metric die cast terminal box kit for 30R motors and gearmotors
E	1984	Metric die cast terminal kit with terminal block for 33A, 34R, 42A and 42R motors and gearmotors. For 90/130, 130V and 180VDC models only.