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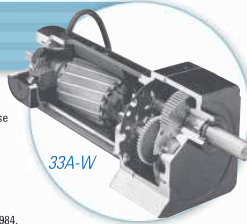
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Parallel Shaft DC Gearmotors

Up to 200 lb-in. continuous



33A-W

Cutaway view

Standard Features

- 33A motor provides high starting torque, adjustable speed, and predictable performance under a range of operating conditions, (see page 68 for more details)
- Industrial lip type seals on motor and output shafts
- Needle bearing on output shaft for increased radial load capacity and long life
- Permanently lubricated gearing utilizing semi-fluid grease for long life
- Wide reinforced thermoplastic helical gear on input stage of most models for quietness and hardened steel spur gears on subsequent stages for high output torque and long life
- Helical pinion accurately cut on motor shaft for maximum strength and minimum noise

Application Information

- For connection diagram 074 10101 see page 66
- Performance ratings of 130 V models based on use with filtered controls
- Face mount is standard

Optional Accessories

- Encoder model 0941, see page 101
- Brake model 0997, see page 100
- IP-44 achieved with terminal box model 0984 or 1984, see page 100
- "L" bracket kit model 0970, see page 100
- Adaptor plate kit model 0995 provides for drop-in replacement of competitive gearmotors

Matching Controls

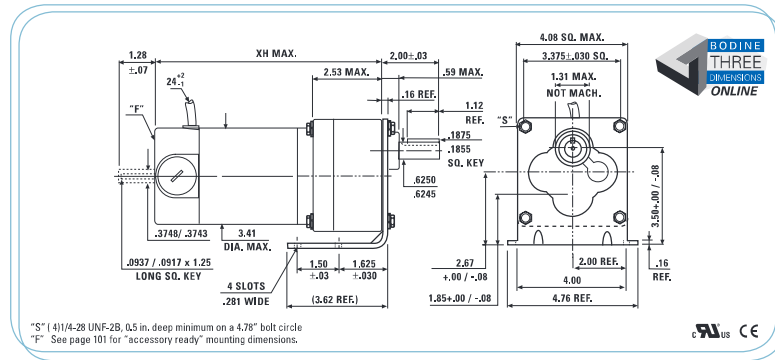
- Bodine stocks a full line of speed controls for Bodine PMDC motors, See pages 88-99



Speed (rpm)	Rated Torque (lb-in.)	Current @ Rated Torque (Amps)		Peak Torque (lb-in.)	Motor HP	Gear Ratio	Radial Load (lbs.)	Length XH (inch)	Weight (lbs.)	Product Type	Model Number ¹			
		24 Volt Winding	130 Volt Winding								24 Volt Winding	130 Volt Winding		
8	175	3.7	.74	210	1/12	312.4	130	7.75	7.9	33A3BEPM-W4	N6947	6647	N6547	6147
15	166	3.7	.74	207	1/12	172.1	130	7.75	7.9	33A3BEPM-W4	N6946	N6646	N6546	6146
26	155	5.5	.91	190	1/8	97.5	130	8.81	9.7	33A5BEPM-W4	N6956	6656	N6556	6156
38	143	5.5	.91	157	1/8	65.5	130	8.81	9.7	33A5BEPM-W3	N6955	N6655	N6555	6155
57	95	5.5	.91	105	1/8	43.9	130	8.81	9.7	33A5BEPM-W3	N6954	6654	N6554	6154
84	65	5.5	.91	71	1/8	29.7	130	8.81	9.7	33A5BEPM-W3	N6953	N6653	N6553	6153
123	46	5.5	.91	52	1/8	20.4	65	8.81	9.7	33A5BEPM-W2	N6952	6652	N6552	6152
181	31	5.5	.91	35	1/8	13.8	65	8.81	9.7	33A5BEPM-W2	N6951	N6651	N6551	6151
266	21	5.5	.91	24	1/8	9.4	65	8.81	9.7	33A5BEPM-W2	N6950	N6650	N6550	6150
456	12	5.5	.91	14	1/8	5.5	65	8.81	9.7	33A5BEPM-W2	N6949	N6649	N6549	6149
660	6	5.5	.91	7	1/8	3.8	65	8.81	9.7	33A5BEPM-W2	N6948	N6648	N6548	6148
Steel First-Stage Gear and Class F Ratings														
219	39	—	1.84	—	1/4	11.4	65	8.81	9.7	33A5FEPM-W2	—	—	6757	—

¹NOTE: Model numbers shown in bold type are in stock. "N" model numbers require lead time and minimum quantities.

33A-W Gearmotor shown with optional "L" bracket (model 0970)



MADE IN U.S.A.

Catalog S-16 www.bodine-electric.com

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New

e-TORQUE™

INTEGRAMOTOR™

Hollow Shaft

Custom

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