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Find the *Bodine Electric 33A5BEPM-W3* at our website: *Click HERE*

Parallel Shaft DC Gearmotors

Up to 200 lb-in. continuous



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 86-99

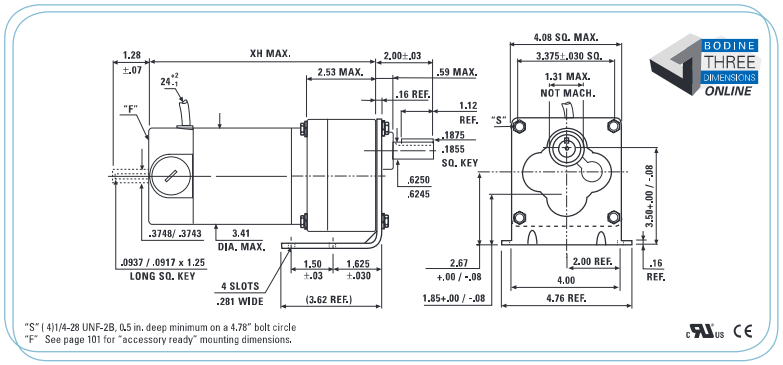
90 COMPATIBLE WITH 90 V CONTROLS

SEE PAGES 98 & 99

		Current @ Rated Torque (Amps)									Model Number[1]			
											24 Volt Winding		130 Volt Winding	
Speed (rpm)	Rated Torque (lb-in.)	24 Volt Winding	130 Volt Winding	Peak Torque (lb-in.)	Motor HP	Gear Ratio	Radial Load (lbs.)	Length XH (inch)	Weight (lbs.)	Product Type	Accessory Shaft	No Accessory Shaft	Accessory Shaft	No Accessory Shaft
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	96	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**	—

[1] **NOTE: 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)



"S" (4)1/4-28 UNF-2B, 0.5 in. deep minimum on a 4.78" bolt circle
"F" See page 101 for "accessory ready" mounting dimensions.

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