

- Unvented gearhousing for universal horizontal mounting
- Selectively hardened steel gears for quietness and hardened steel spur gearing on subsequent stages for high output torque and long life
- Extra heavy-duty bearings and seals
- Face or base mounting
- Oversize drive shaft
- Models with accessory shafts are ideal for mounting encoders or brakes
- See page 34 for accessories
- See page 37 for reference dimensions

Variable Speed—Pacesetter Inverter Duty AC Gearmotors

Fixed Speed Rating					Variable Speed (SOA) Ratings ¹						Radial Load (lbs.)	Product Type	230/460V Model Number
Speed (rpm)	Torque (lb-in.)	Motor HP	(230/460V) Amps	Gear Ratio	Speed Range (rpm)	Frequency Range (Hz)	Torque Type	Torque @ 10 Hz (lb-in.)	Torque @ 60 Hz (lb-in.)	Torque @ 90 Hz (lb-in.)			
28	1000	3/4	2.7/1.3	60	2.7-38	10-90	Constant	1,000	1,000	1,000	250	48R6BFPP-CG	9360
34	850			50	3.2-46			850	850	850			9350
47	650			36	4.4-63			650	650	650			9336
57	540			30	5.3-76			540	540	540			9330
85	360			20	8.0-114			360	360	360			9320

Three-Phase, Inverter duty, Non-synchronous (TEFC)



Type 48R-CG Pacesetter

Permanent Magnet DC Gearmotors

Speed (rpm)	Rated Torque (lb-in.)	Rated Current (Amps)	Motor HP	Gear Ratio	Radial Load (lbs.)	Product Type ²	Accy Shaft	No Accy Shaft	Accy Shaft	No Accy Shaft
							24V		130V	

24V Models With Class F Temperature Rating

38	660	18	7/16	60	250	42A7BEPM-CG	4886	4486	—	—
46	550			50			4885	4485	—	—
64	400			36			4884	4484	—	—
77	330			30			4883	4483	—	—
115	220			20			4882	4482	—	—

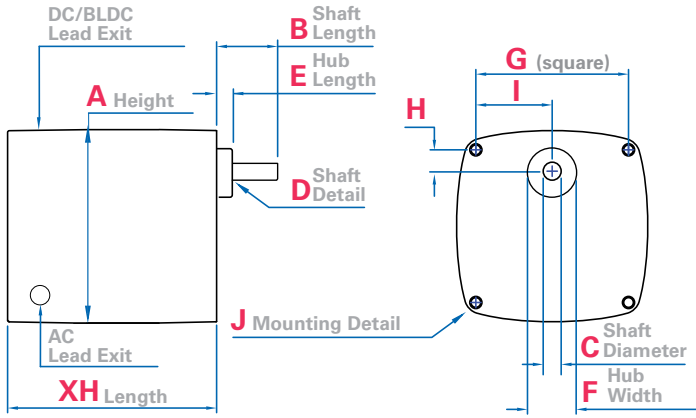
130V Models with Class F Temperature Rating

42	580	3.3	7/16	60	250	42A7BEPM-CG	—	—	4786	4086
50	480			50			—	—	4785	4085
69	350			36			—	—	4784	4084
83	290			30			—	—	4783	4083
125	190			20			—	—	4782	4082



Type 42A-CG

¹ SOA: Contact the factory for detailed speed/torque information (Safe Operating Area). See page 19.
² The fifth digit of the product type changes from "B" to "F" for accessory ready models.



Gearhead Type K-2A/T, 30R-D, pages 4-5

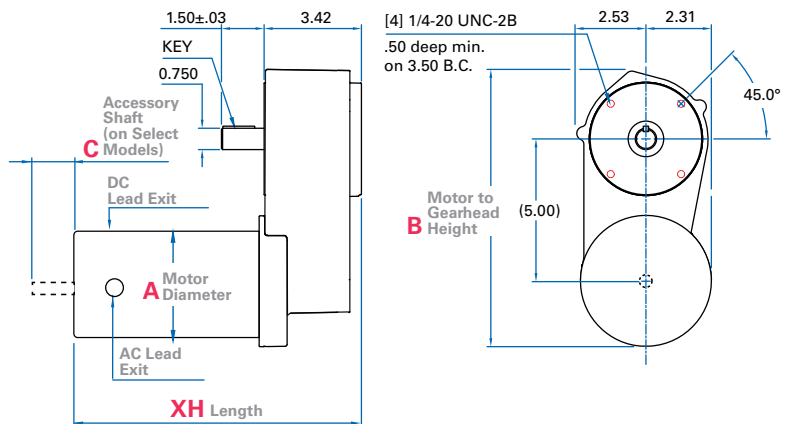
	Product Type	Wt. (lbs.)	XH Length (square)	A Height (square)	B Shaft Length	C Shaft Diameter	D Shaft Detail	E Hub Length	F Hub Width	G Mounting Pattern Width	H Shaft Center to Mounting Hole	I Shaft Center to Mounting Hole	J Mounting Detail	Lead/Cord Length (in.)
Type K-2 Gearmotor														
K-2T	22	2.2	2.539	2.38	1.00	.250	Flat	.255	.52	1.900	.356	.950	[2]8-32 UNC-2A	12
	23	2.4	2.664											
	24	2.7	3.023											
K-2A	23	2.3	2.507	2.38	1.00	.250	Flat	.255	.52	1.900	.356	.950	[2]8-32 UNC-2A	12
	24	2.6	2.866											
Type 30R-D Gearmotor														
30R-D	30R1	5.8	5.242	3.45	1.56	.500	Flat	.554	1.125	2.652	.582	1.326	[4]10-32 UNF-2B x .38 deep Max.	12
	30R2	6.3	5.492											
	30R4	7.5	6.000											

Only the first four characters of the product type are relevant to dimensions

Gearhead Type HG, page 10

	Product Type	Weight (lbs.)	XH Length	A Diameter	B Height	C Acc'y Shaft	Lead/Cord Length (in.)
42R-HG	42R6-HG	9.5	9.855	4.73	9.85	No	12
33A-HG	33A7-HG	10.5	10.547	3.39	9.80	Yes	24

Only the first four characters of the product type are relevant to dimensions



Gearhead Type CG, page 11

	Product Type	Weight (lbs.)	XH Length	A Diameter	B Acc'y Shaft	Lead/Cord Length (in.)
48R-CG	48R6-CG	34	12.849	5.917	No	12
42A-CG	42A7-CG	29	12.07	4.262	Yes	24

Only the first four characters of the product type are relevant to dimensions

