



## 348 Series Parallel Shaft DC

UP TO 350 IN-LBS CONTINUOUS

For up to 350 in-lbs., our 348 Series offers more standard voltages, mountings and speeds.

### Specifications

Gearhead		Motor		Optional Features
Gearing:	AGMA class 9 heat treated steel	Speed:	Variable with appropriate control, (1.37 form factor max)	Junction box kit
Housing:	Precision machined die cast aluminum	Rotation:	Reversible	Part numbers:
Lubrication:	Lifetime oil bath, sealed and gasketed	Bearings:	Ball	P198-100-9111, 2 5/8" dia.
Bearings:	Needle and thrust ball	Insulation:	Class F	P198-100-9121, 3 1/3" dia.
Shafts:	Hardened steel	Enclosure:	TENV	P198-300-0000, 3 3/8" dia.
Mounting:	Face or base, any angle	<b>Features:</b>		• Shaft-mount encoder
Finish:	Gloss black powder coat	Rear tapped hole for encoder mount		• Accessory shaft

### Additional Information

Current drawings and stock status available at [www.bisongear.com](http://www.bisongear.com)

Wiring diagram pages 88-91

See pages 86-87 for additional accessories

ISIS - Products available off-shelf

SNS - Min. order quantity and lead time

### 348 Series PMDC

Part Number	Speed 12V RPM	Torque (in-lbs)	Input HP	Gear Ratio	Stages	OHL*	Amps	Shipping Wt.	Brush
<b>12V PMDC</b>									
011-348-3200	8.3	310**	1/6	215.6	3	500	5.51	16	A
011-348-3080	22	300**	1/6	81.8	3	500	11.00	16	A
011-348-3060	30	285	1/6	58.3	3	395	13.98	16	A
011-348-3030	64	150	1/6	28.1	2	290	13.98	16	A
011-348-3015	121	78	1/6	15.0	2	250	13.98	16	A
011-348-3010	170	57	1/6	10.6	2	240	13.98	16	A
011-348-3006	360	27	1/6	5.0	2	210	13.98	16	A

Part Number	Speed 24V RPM	Torque (in-lbs)	Input HP	Gear Ratio	Stages	OHL*	Amps	Shipping Wt.	Brush
<b>24V PMDC</b>									
011-348-5200	8.3	310**	1/8	215.6	3	500	2.50	14	A
011-348-5080	22	300**	1/8	81.8	3	500	4.50	14	A
011-348-5060	30	230	1/8	58.3	3	395	5.18	14	A
011-348-5030	64	112	1/8	28.1	2	290	5.18	14	A
011-348-5015	121	59	1/8	15.0	2	250	5.18	14	A
011-348-5010	170	40	1/8	10.6	2	240	5.18	14	A
011-348-5005	360	19	1/8	5.0	2	210	5.18	14	A

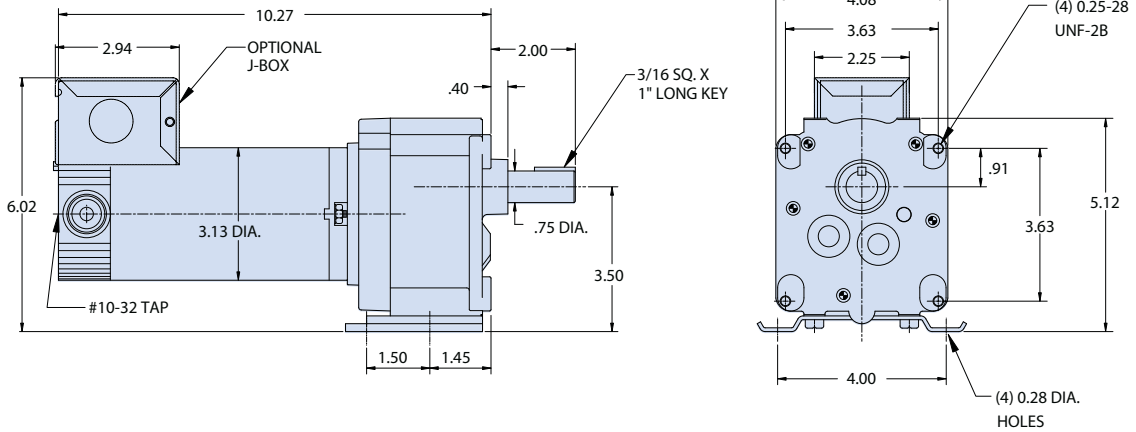
Part Number	Speed 90V RPM	Speed 130V RPM***	Torque (in-lbs)	Input HP	Gear Ratio	Stages	OHL*	Amps	Shipping Wt.	Brush
<b>90V or 130V PMDC</b>										
011-348-4200	8.3	12	310**	1/8	215.6	3	500	1.33	14	D
011-348-4170	11	16	310**	1/8	170.0	3	500	1.33	14	D
011-348-4100	17	25	350**	1/8	102.4	3	500	1.33	14	D
011-348-4080	22	32	300**	1/8	81.8	3	500	1.33	14	D
011-348-4060	30	43	300**	1/4	58.3	3	395	2.30	20	D
011-348-4050	36	52	300**	1/4	48.7	3	350	2.30	20	D
011-348-4040	42	61	300**	1/4	42.9	3	350	2.30	20	D
011-348-4030	64	92	235	1/4	28.1	2	290	2.51	20	D
011-348-4020	94	136	160	1/4	19.1	2	250	2.51	20	D
011-348-4015	121	175	125	1/4	15.0	2	250	2.51	20	D
011-348-4010	170	246	90	1/4	10.6	2	240	2.51	20	D
011-348-4005	360	520	40	1/4	5.0	2	210	2.51	20	D

\* Maximum overhung load on center of output shaft. \*\* Output torque is gear limited.

\*\*\* Units rated for 90V 1.37 form factor drive. May be run with 1.05 form factor drive at 130V.

# 348 Series Parallel Shaft DC

## 348 DC 12V



## 348 DC 24V & 90V

