



175 Series Parallel Shaft DC

UP TO 170 IN-LBS CONTINUOUS

The 175 Series offers a wide speed range in an ultra-compact package.

Specifications

Gearhead	Motor	Optional Features
Housing: Precision machined die cast aluminum	Motor Type: Permanent magnet	• Footplate P125-100-9998
Lubrication: Lifetime oil bath, sealed and gasketed	Rotation: Reversible	• J-Boxes:
Shafts: Hardened steel	Bearings: Ball	P198-100-9111 2.58" dia.
Mounting: Face (any angle) or optional footplate	Insulation: Class F	P198-100-9121 3.13" dia.
Gearing: 1st stage helical steel. All other stages heat-treated steel and/or powdered metal spur gearing	Finish: Gloss black powder coat	• Shaft-mount encoder
	Enclosure: TENV	• Accessory shaft

Additional Information

Current drawings and stock status available at www.bisongear.com

Wiring diagram pages 88-91

ISIS - Products available off-shelf

See pages 86-87 for additional accessories

SNS - Min. order quantity and lead time

175 Series PMDC 90V or 130V

Part Number	Speed 90V RPM	Speed 130V RPM***	Torque (in-lbs)	Input HP	Gear Ratio	Stages	OHL*	Amps	Shipping Wt.	Brush
011-175-1369	1.3	1.9	160**	1/20	1369.3	5	115	0.17	8.5	B
011-175-0702	2.6	3.8	130**	1/20	702.1	5	95	0.21	8.5	B
011-175-0362	4.5	6.5	155**	1/20	361.7	4	115	0.26	8.5	B
011-175-0271	6.6	10	160**	1/20	271.3	4	115	0.30	8.5	B
011-175-0186	10	14	170**	1/20	185.1	4	85	0.40	8.5	B
011-175-0139	13	19	170**	1/20	139.1	4	85	0.49	8.5	B
011-175-0096	19	27	150**	1/20	95.5	3	150	0.58	8.5	B
011-175-0072	25	36	111	1/20	71.7	3	150	0.62	8.5	B
011-175-0049	37	53	150	1/10	49.0	3	130	1.10	8.5	D
011-175-0037	49	71	115	1/10	36.7	3	160	1.10	8.5	D
011-175-0025	71	103	83	1/10	25.2	2	230	1.10	8.5	D
011-175-0019	95	137	62	1/10	18.9	2	225	1.10	8.5	D
011-175-0013	139	201	42	1/10	12.9	2	220	1.10	8.5	D
011-175-0010	185	267	32	1/10	9.7	2	218	1.10	8.5	D
011-175-0007	268	387	22	1/10	6.7	1	200	1.10	8.5	D
011-175-0005	360	517	17	1/10	5.0	1	200	1.10	9.0	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.

175 DC

HP	Stages	A	B
1/10	1, 2, 3	8.28	3.13
1/20	3	7.35	2.58
1/20	4, 5	8.05	2.58

