



# 746 Series Right Angle DC

UP TO 68 IN-LBS CONTINUOUS

The 746 Series is our smallest right angle offering, with up to 68 in-lbs continuous torque, and is available in both right and left shaft orientations.

## Specifications

Gearhead		Motor	Optional Features
Gearing:	Hardened steel worm bronze gear	Motor Type: Permanent magnet	Mounting base kit for 746 Series Part number: P125-746-0500 Junction box kit - Part numbers: P198-100-9111
Housing:	Precision machined die cast aluminum	Speed: Variable with appropriate control (1.37 form factor max)	
Lubrication:	Lifetime oil bath, sealed and o-ringed	Rotation: Reversible	<b>Other Options</b> <ul style="list-style-type: none"> <li>• Accessory shaft</li> <li>• Shaft-mount encoder</li> <li>• Footplate</li> </ul>
Bearings:	Ball and needle	Bearings: Ball	
Shafts:	Hardened steel	Insulation: Class F	
Mounting:	Base, any angle	Enclosure: TENV	
		Finish: Gloss black powder coat	

## 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

## 746 Series PMDC 90V or 130V

Part Number	Speed 90V RPM	Speed 130V RPM***	Torque (in-lbs)	Input HP	Gear Ratio	OHL*	Amps	Shipping Wt.	Brush
<b>Right Shaft Ext.</b>									
021-746-9060	30	43	68	1/15	60.0	224	0.77	7.5	B
021-746-9040	45	65	52	1/15	40.0	224	0.77	7.5	B
021-746-9030	59	85	41	1/15	30.0	224	0.77	7.5	B
021-746-9020	87	126	30	1/15	20.5	224	0.77	7.5	B
021-746-9015	120	173	26	1/15	15.5	222	0.77	7.5	B
021-746-9010	180	260	15	1/15	10.3	197	0.77	7.5	B
021-746-9005	360	520	9	1/15	5.0	197	0.77	7.5	B
<b>Left Shaft Ext.</b>									
021-746-9360	30	43	68	1/15	60.0	224	0.77	7.5	B
021-746-9340	45	65	52	1/15	40.0	224	0.77	7.5	B
021-746-9330	59	85	41	1/15	30.0	224	0.77	7.5	B
021-746-9320	87	126	30	1/15	20.0	224	0.77	7.5	B
021-746-9315	120	173	26	1/15	15.0	222	0.77	7.5	B
021-746-9310	180	260	15	1/15	10.0	197	0.77	7.5	B
021-746-9305	360	520	9	1/15	5.0	197	0.77	7.5	B

\* Maximum overhung load on center of output shaft. \*\*\* Units rated for 90V 1.37 form factor drive. May be run with 1.05 form factor drive at 130V.

## 746 DC

