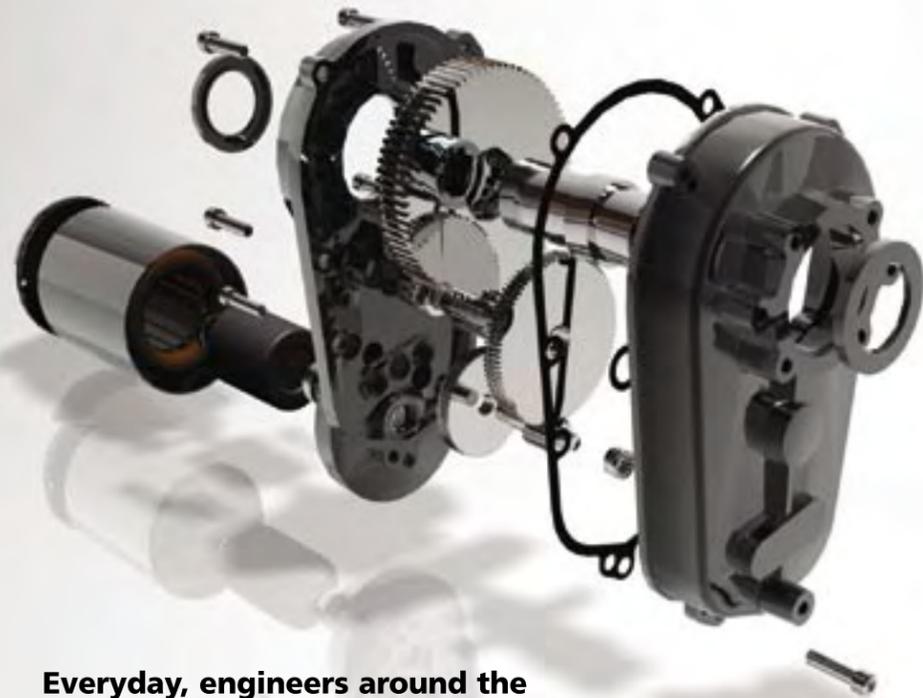


**Engineers Use One  
Word to Describe  
Bison Gearmotors...**

**APPROVED.**



**Everyday, engineers around the world poke, prod, weigh, test, analyze and generally dissect our products. ...Not that we mind.**

At Bison, we build all of our products using one simple philosophy: it's what's inside that counts. We have been defining gearmotor Robusticity™ for over 45 years.

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**562**

**Hollow Shaft  
Offset Gearmotors**

[www.bisongear.com](http://www.bisongear.com)  
**1-800-AT-BISON**

# 562 Series Parallel Shaft AC or DC

## HOLLOW SHAFT OFFSET GEARMOTORS

### Multiple Shaft Configurations

Specify your optimum shaft configuration to reduce assembly time. Choose from several stock shaft options or use the standard hollow shaft as supplied.

### The Speed You Need

Thanks to our lean factory we are able to offer a wide variety of gear ratios without driving up costs. Get the speed you need by specifying the gear ratio that meets your machines requirements.

### High Pressure Die Cast Aluminum Gearcase

Stronger than zinc and dimensionally stable, our aluminum gearcase is precision machined on automated CNC mills.

### Powder Coat Paint Finish

Baked on epoxy powder coat finish in high gloss black prevents oxidation and corrosion.

### High Efficiency Bearing System

**Motor Bearings:** Shielded ball bearings, electric motor grade, for maximum operating life and overhung load capability. Preload spring minimizes end play, controlling unwanted vibration and noise.

**Pinion Bearings:** Needle bearings are used here as they provide the highest radial load capacity in the smallest amount of space.

**Output Shaft Bearings:** Shielded ball bearings provide high overhung load capacity and thrust load capability to meet the most demanding application requirements.

### Heat Treated Steel Gearing

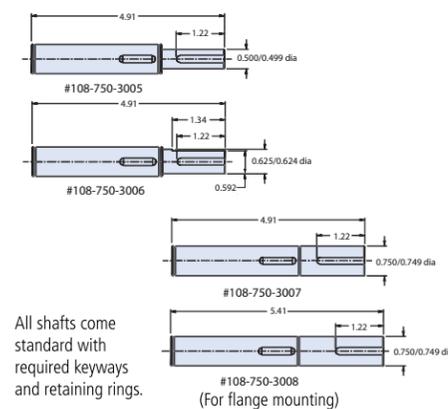
Bison's pinions, gears, and output shaft are all heat treated to maximize durability ratings for long life. Seal areas are hardened and ground for optimum sealing.

### All Position Mounting

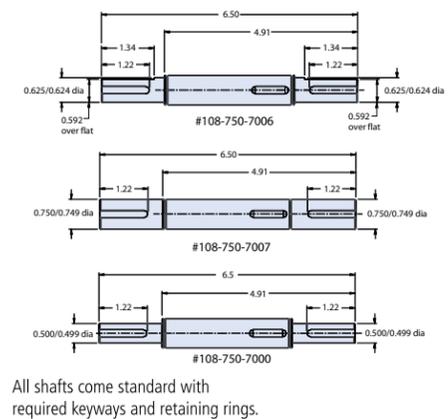
Bison's gearmotors are non-vented allowing all position mounting. Grease lubrication is used on our 562 product line for maximum durability and life-long performance. Spring loaded lip seals are specified on the motor shaft and output shaft, mated with hardened and ground shafts for maximum life.



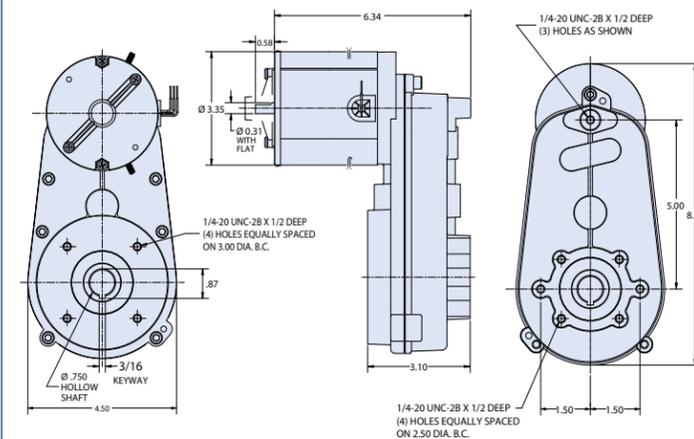
### Single Shafts



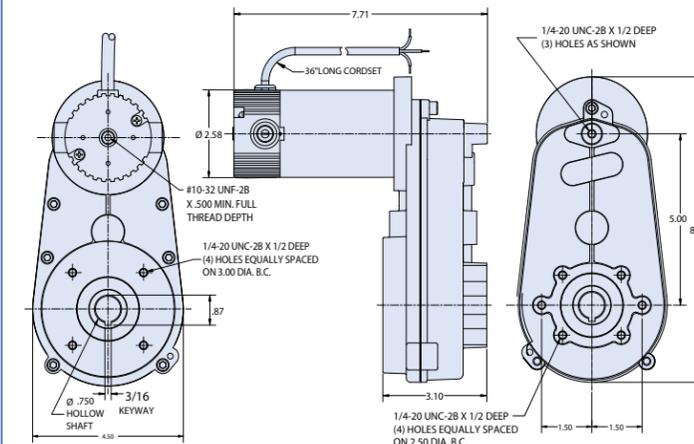
### Double Shafts



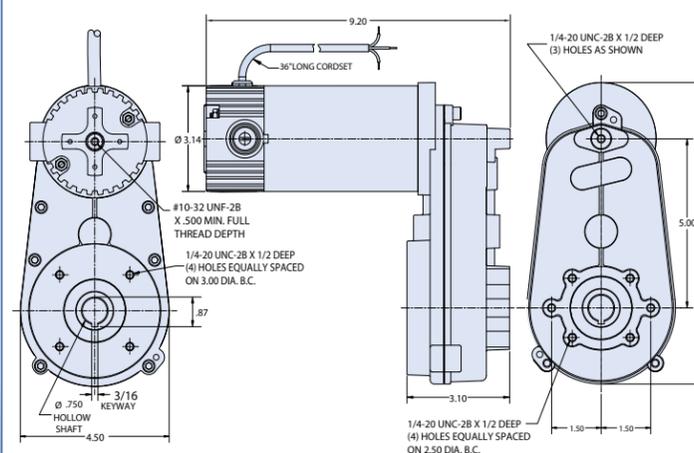
### 562 Series 1/20 HP AC



### 562 Series 1/20 HP DC



### 562 Series 1/8 HP DC



### 562 Series PSC 115VAC

Part Number	Speed (RPM)	Torque (in-lbs)	Input HP	Ratio	Stages	Volts AC	Amps Hz
016-562-1397	1.2	1100**	1/20	1397.1	4	115	0.59 60
016-562-0401	4.1	676	1/20	402.2	3	115	0.59 60
016-562-0285	5.8	478	1/20	284.2	3	115	0.59 60
016-562-0151	11	253	1/20	150.8	3	115	0.59 60
016-562-0121	14	204	1/20	121.4	3	115	0.59 60
016-562-0084	20	142	1/20	84.3	3	115	0.59 60
016-562-0043	38	72	1/20	43.0	3	115	0.59 60

### 562 Series 12VDC

Part Number	Speed (RPM)	Torque (in-lbs)	Input HP	Ratio	Stages	Amps
011-562-3397	1.3	1100**	1/20	1397.1	4	3.00
011-562-3401	4.5	620	1/20	402.2	3	4.73
011-562-3285	6.3	438	1/20	284.2	3	4.73
011-562-3151	12	232	1/20	150.8	3	4.73
011-562-3121	15	187	1/20	121.4	3	4.73
011-562-3084	21	130	1/20	84.3	3	4.73
011-562-3043	42	66	1/20	43.0	3	4.73

### 562 Series 12VDC

Part Number	Speed (RPM)	Torque (in-lbs)	Input HP	Ratio	Stages	Amps
011-562-3261	6.9	1005	1/8	261.0	3	10.20
011-562-3184	9.8	709	1/8	184.1	3	10.20
011-562-3111	16	428	1/8	111.1	3	10.20
011-562-3079	23	303	1/8	78.7	3	10.20
011-562-3055	33	210	1/8	54.6	3	10.20
011-562-3028	65	107	1/8	27.9	3	10.20

### 562 Series 24VDC

Part Number	Speed (RPM)	Torque (in-lbs)	Input HP	Ratio	Stages	Amps
011-562-5397	1.3	1100**	1/20	1397.1	4	1.55
011-562-5401	4.5	620	1/20	402.2	3	2.46
011-562-5284	6.3	438	1/20	284.2	3	2.46
011-562-5151	12	232	1/20	150.8	3	2.46
011-562-5121	15	187	1/20	121.4	3	2.46
011-562-5084	21	130	1/20	84.3	3	2.46
011-562-5043	42	66	1/20	43.0	3	2.46

### 562 Series 24VDC

Part Number	Speed (RPM)	Torque (in-lbs)	Input HP	Ratio	Stages	Amps
011-562-5261	6.9	1005	1/8	261.0	3	5.18
011-562-5184	9.8	709	1/8	184.1	3	5.18
011-562-5111	16	428	1/8	111.1	3	5.18
011-562-5079	23	303	1/8	78.7	3	5.18
011-562-5055	33	210	1/8	54.6	3	5.18
011-562-5028	65	107	1/8	27.9	3	5.18

### 562 Series 90VDC

Part Number	Speed (RPM)	Speed (RPM)	Torque (in-lbs)	Input HP	Ratio	Stages	Amps
011-562-1397	1.3	1.9	1100**	1/20	1397.1	4	0.15
011-562-0401	4.5	6.4	620	1/20	402.2	3	0.62
011-562-0285	6.3	9	438	1/20	284.2	3	0.62
011-562-0151	12	17	232	1/20	150.8	3	0.62
011-562-0121	15	21	187	1/20	121.4	3	0.62
011-562-0084	21	31	130	1/20	84.3	3	0.62
011-562-0043	42	60	66	1/20	43.0	3	0.62

### 562 Series 90VDC

Part Number	Speed (RPM)	Speed (RPM)	Torque (in-lbs)	Input HP	Ratio	Stages	Amps
011-562-2261	6.9	9.9	1005	1/8	261.0	3	1.33
011-562-2184	9.8	14	709	1/8	184.1	3	1.33
011-562-2111	16	23	428	1/8	111.1	3	1.33
011-562-2079	23	33	303	1/8	78.7	3	1.33
011-562-2055	33	47	210	1/8	54.6	3	1.33
011-562-2028	65	93	107	1/8	27.9	3	1.33

Need to know more?

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