



# 100mm 200 Series Parallel Shaft AC

UP TO 350 IN-LBS CONTINUOUS

For tight-spaces requiring big power, Bison's 100mmAC (4" dia.), 1/8 HP motors offer larger motor power in 30% less volume.

**100mmAC**

AC PARALLEL  
SHAFT  
GEARMOTORS

## Specifications

Gearhead	Motor	Optional Features
<b>Gearing:</b> AGMA Class 9. heat treated steel 1st-stage helical, balance spur <b>Housing:</b> Precision machined die cast aluminum <b>Lubrication:</b> Lifetime oil bath, sealed and gasketed <b>Bearings:</b> Needle with thrust ball <b>Shafts:</b> Hardened steel <b>Mounting:</b> Face (any angle)	<b>Motor Type:</b> Permanent split capacitor <b>Rotation:</b> Reversible <b>Insulation:</b> Class B minimum <b>Enclosure:</b> TEFC <b>Finish:</b> Gloss black powder coat  Capacitor included in J-box	<ul style="list-style-type: none"> <li>Power-off brake available</li> </ul>

## Additional Information

Wiring diagram pages 88-91

See pages 86-87 for additional accessories

## 200 Series PSC 115V

Part Number	Speed (RPM)	Torque (in-lbs)	Input HP	Gear Ratio	# Stages	OHL	Amps	Hz	Shipping Wt.
016-246-6316	8	310**	1/8	215.6	3	200	1.10	60	12
016-246-6302	17	350**	1/8	102.4	3	200	1.40	60	12
016-246-6382	20	300**	1/8	81.8	3	200	1.40	60	12
016-246-6358	29	249	1/8	58.3	3	200	1.50	60	12
016-246-6329	59	115	1/8	28.8	2	200	1.50	60	12
016-246-6319	89	74	1/8	19.1	2	200	1.50	60	12
016-246-6315	113	58	1/8	15.0	2	200	1.50	60	12
016-246-6311	160	39	1/8	10.6	2	200	1.50	60	12
016-246-6305	340	16	1/8	5.0	2	200	1.50	60	12

\*\* Gear Limited (check website for updated information.)

## 100mm 115V

