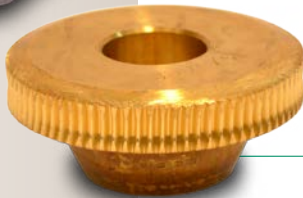


I N T R O D U C I N G

# New Ratios 80:1 and 100:1

Now Available in Single Reduction



## Boston Gear Expands Ratio Offering of

### 700 Series Worm Gear Speed Reducers

- Compact Size of a Single Reduction Reducer
- Lower Purchase Price than Double Reduction Reducers
- Backwards compatible with 700 Series Industry-Standard Mounting Dimensions
- Industry-Leading Efficiency of Boston Gear's Premium Ground Gearing.

### Optional Reducer Styles

- Input Styles Include:
  - Projecting Input, Quill Input, Coupling Input
- Output Styles Include:
  - Hollow or Solid (Projecting) Output
- Exterior Options Include:
  - Painted (BK/SBK) or Stainless Steel Versions

**Ask about our Reducer Express Program  
if you need something fast!**



An Altra Industrial Motion Company



## Single Reduction

### Optional Reducer Sizes

Center Distances		
713 - 1.33"	718 - 1.75"	726 - 2.62"
715 - 1.54"	721 - 2.06"	732 - 3.25"

### Ordering Information

HF	726	B	80	K	B5	H	1	P23
Style	Center Distance	Base	Ratio	Lube	Nema Mounting	Output Shaft Assy	Mounting Position	Output Bore Code
(Blank)	713	(Blank)	5	(Blank)	B5	G	1	For H, HF, HQC, SSHF specified in 1/16" increments Example: P23 = 1-7/16"
H	715	A	10	K	(56C)	H	2	
F	718	B	15	Z		J	3	
HF	721	C	20			Stainless GS HS JS	4	
HQC	726	D	25				5	
SSF	732	E	30				6	
SSHF		F	40					
		R/L	50					
		X	60					
		Y	<b>80</b>					
		V	<b>100</b>					
		W						
		M						
		N						
		BRB						

See complete catalog for additional information.

### Selection Tables

Ratios	Input RPM	Output RPM	713			715			718			721			726			732		
			HP In	HP Out	Torque (lbf-in)	HP In	HP Out	Torque (lbf-in)	HP In	HP Out	Torque (lbf-in)	HP In	HP Out	Torque (lbf-in)	HP In	HP Out	Torque (lbf-in)	HP In	HP Out	Torque (lbf-in)
80:1	1750	21.9	0.15	0.08	222	0.21	0.11	318	0.23	0.13	375	0.38	0.22	634	0.76	0.38	1100	0.95	0.62	1795
	1150	14.4	0.12	0.06	246	0.17	0.08	358	0.16	0.09	390	0.31	0.17	734	0.47	0.29	1252	0.81	0.50	2171
	690	8.6	0.09	0.04	266	0.12	0.05	392	0.10	0.05	350	0.23	0.11	819	0.35	0.18	1340	0.61	0.34	2512
	100	1.3	0.02	0.01	293	0.03	0.01	440	0.02	0.01	470	0.05	0.02	942	0.07	0.03	1600	0.14	0.06	3030
100:1	1750	17.5	0.08	0.038	138	0.15	0.07	251	0.17	0.09	323	0.27	0.14	503	0.39	0.21	757	0.65	0.39	1414
	1150	11.5	0.07	0.028	152	0.12	0.05	283	0.14	0.07	360	0.22	0.11	580	0.34	0.17	913	0.56	0.31	1711
	690	6.9	0.05	0.018	164	0.09	0.03	309	0.10	0.04	391	0.16	0.07	646	0.26	0.12	1054	0.43	0.22	1980
	100	1.0	0.01	0.003	180	0.02	0.01	347	0.02	0.01	435	0.04	0.01	744	0.06	0.02	1267	0.10	0.04	2387
OVERHUNG LOAD			200 LBS			300 LBS			500 LBS			700 LBS			1000 LBS			1300 LBS		
OUTPUT SHAFT THRUST LOAD			300 LBS			400 LBS			500 LBS			700 LBS			900 LBS			1100 LBS		



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