

# FRIESEN ELECTRIC INC

AUTHORIZED WHOLESALERS FOR: Penn-Johnson Controls; S&S Sprechersuh Controls; Ferraz - Fuses and Devices; Winpower Generators; Electronic Bug Zappers; Electric Heating Products; Leviton Wiring Products; Reversomatic & Delhi Blowers and Fans; Magnatek AO Smith Electric Motors; F & G line Gear Reducers; Emerson - White Rogers; AC Tech speed controls; Burgess sensors & switches

## Helical Gear Reducers

*up to 40% more Efficient than Worm Reducers*

Size	Ratio	1750 RPM INPUT SPEED			1450 RPM INPUT SPEED			1150 RPM INPUT SPEED		
		INPUT HP	OUTPUT		INPUT HP	OUTPUT		INPUT HP	OUTPUT	
			Torque	OHL		Torque	OHL		Torque	OHL
30	5.06:1	5.68	970	590	5.09	1050	630	4.40	1150	680
	7.58:1	5.22	1340	670	4.60	1420	720	3.90	1520	780
	10.06:1	4.77	1620	740	4.10	1680	790	3.39	1750	860
	12.65:1	3.80	1620	800	3.26	1680	850	2.68	1740	920
	15.04:1	2.83	1440	850	2.41	1480	910	1.98	1520	980
	19.75:1	2.67	1780	940	2.26	1820	1000	1.84	1870	1080
	24.83:1	1.98	1660	1010	1.66	1690	1080	1.36	1730	1100
	29.52:1	1.54	1530	1070	1.30	1560	1100	1.05	1590	1100
	39.90:1	1.46	1900	1100	1.23	1940	1100	.99	1970	1100
	50.16:1	1.07	1750	1100	.90	1780	1100	.72	1800	1100
	59.63:1	.83	1620	1100	.70	1650	1100	.56	1660	1100
	80.50:1	.75	1970	1100	.63	2000	1100	.50	2020	1100
	101.20:1	.55	1820	1100	.46	1840	1100	.37	1860	1100
	120.31:1	.42	1650	1100	.35	1670	1100	.28	1690	1100
	150.11:1	.37	1820	1100	.31	1840	1100	.25	1860	1100
178.45:1	.28	1630	1100	.23	1650	1100	.19	1170	1100	

## Size 30



Size	Ratio	870 RPM INPUT SPEED			580 RPM INPUT SPEED			300 RPM INPUT SPEED		
		INPUT HP	OUTPUT		INPUT HP	OUTPUT		INPUT HP	OUTPUT	
			Torque	OHL		Torque	OHL		Torque	OHL
30	5.06:1	3.59	1200	740	2.47	1250	850	1.30	1300	1060
	7.58:1	3.10	1600	850	2.11	1630	980	1.11	1650	1100
	10.06:1	2.62	1780	940	1.77	1800	1080	.92	1820	1100
	12.65:1	2.07	1780	1010	1.40	1800	1100	.73	1820	1100
	15.04:1	1.52	1540	1080	1.02	1560	1100	.23	1570	1100
	19.75:1	1.40	1880	1100	.94	1900	1100	.49	1910	1100
	24.83:1	1.03	1750	1100	.70	1770	1100	.36	1780	1100
	29.52:1	.80	1600	1100	.54	1620	1100	.28	1630	1100
	39.90:1	.75	1980	1100	.51	2000	1100	.27	2010	1100
	50.16:1	.55	1820	1100	.37	1830	1100	.19	1840	1100
	59.63:1	.42	1670	1100	.29	1960	1100	.15	1700	1100
	80.50:1	.38	2030	1100	.26	2050	1100	.14	2060	1100
	101.20:1	.28	1870	1100	.19	1880	1100	.10	1900	1000
	120.31:1	.21	1700	1100	.15	1710	1100	.08	1720	1100
	150.11:1	.19	1880	1100	.13	1890	1100	.07	1900	1310
178.45:1	.14	1680	1100	.10	1690	1100	.05	1700	1500	

- Superior to Worm Reducers
- Energy Saving/Efficient
- Oil Sight Glass

- Horizontal or Vertical Applications
- Hardened Gears
- Motorized or Input Shaft

**Part Number:** 4000010018HD      **Ratio:** 20 - 1      **Frame:** NA

**Part Number:** 4000010019HD      **Ratio:** 30 - 1      **Frame:** NA

**Part Number:** 4000010021HT      **Ratio:** 40 - 1      **Frame:** NA

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