

Performance Ratings

INPUT SPEED		1750 RPM					
SIZE	RATIO	MECHANICAL		THERMAL		O.H.L. (LBS.)	EFFICIENCY (%)
		INPUT	OUTPUT	INPUT	OUTPUT		
		HP	TORQUE (IN. LBS.)	HP	TORQUE (IN. LBS.)		
133	5:1	1.20	170	1.20	170	160	79.0
	10:1	0.78	216	0.78	216	160	77.0
	15:1	0.62	230	0.62	230	160	69.0
	20:1	0.52	230	0.52	230	160	61.6
	30:1	0.36	270	0.36	270	160	61.9
	40:1	0.31	232	0.31	232	160	52.1
50:1	0.26	226	0.26	226	160	48.2	
154	5:1	1.56	240	1.56	240	285	85.7
	10:1	1.09	306	1.09	306	285	78.2
	15:1	0.82	330	0.82	330	285	74.7
	20:1	0.70	330	0.70	330	285	65.6
	30:1	0.52	340	0.52	340	285	60.7
	40:1	0.45	335	0.45	335	285	51.8
50:1	0.37	318	0.37	318	285	47.9	
60:1	0.29	290	0.29	290	285	46.4	
175	5:1	2.05	305	1.62	241	285	82.8
	10:1	1.40	410	1.25	366	285	81.5
	15:1	1.05	440	0.98	410	285	77.8
	20:1	0.89	450	0.82	415	285	70.4
	30:1	0.65	455	0.60	420	285	65.0
	40:1	0.56	450	0.51	410	285	56.0
50:1	0.44	420	0.42	400	285	53.2	
60:1	0.37	395	0.37	395	285	50.0	
206	5:1	2.90	430	2.40	356	500	82.6
	10:1	2.02	600	1.78	528	500	82.7
	15:1	1.50	650	1.30	562	500	80.4
	20:1	1.20	660	1.10	605	500	76.6
	30:1	0.90	670	0.80	596	500	69.1
	40:1	0.76	665	0.70	612	500	60.1
50:1	0.62	640	0.54	558	500	57.5	
60:1	0.53	605	0.50	570	500	53.0	
237	5:1	3.91	590	3.05	460	535	84.2
	10:1	2.72	820	2.15	648	535	83.9
	15:1	2.00	890	1.65	735	535	82.6
	20:1	1.62	920	1.40	795	535	79.1
	30:1	1.20	930	1.00	775	535	71.9
	40:1	1.00	925	0.80	742	535	64.4
50:1	0.83	880	0.70	745	535	59.1	
60:1	0.69	830	0.60	720	535	55.8	

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		INPUT	OUTPUT	INPUT	OUTPUT		
		HP	TORQUE (IN. LBS.)	HP	TORQUE (IN. LBS.)		
262	5:1	4.90	720	3.60	530	725	81.9
	10:1	3.40	1000	2.88	850	725	81.9
	15:1	2.60	1100	2.15	910	725	78.5
	20:1	2.00	1140	1.70	970	725	79.4
	30:1	1.54	1175	1.35	1040	725	70.8
	40:1	1.18	1140	1.00	970	725	67.2
50:1	1.04	1100	0.90	955	725	58.9	
60:1	0.87	1050	0.75	910	725	56.0	
300	5:1	7.70	1150	5.50	825	800	83.2
	10:1	5.50	1650	3.60	1090	900	83.5
	15:1	4.20	1800	2.60	1120	900	79.5
	20:1	3.42	1900	2.20	1230	900	77.3
	30:1	2.49	1930	1.65	1285	900	71.9
	40:1	2.00	1960	1.30	1280	900	68.2
50:1	1.66	1880	1.20	1400	900	63.1	
60:1	1.38	1780	1.00	1300	900	60.0	
325	5:1	9.10	1435	6.50	1040	1000	87.8
	10:1	6.55	2070	4.60	1465	1150	88.0
	15:1	4.85	2250	3.30	1535	1150	86.1
	20:1	3.98	2310	2.90	1690	1150	80.1
	30:1	2.75	2300	2.10	1760	1150	77.6
	40:1	2.30	2320	1.65	1670	1150	70.2
50:1	1.95	2300	1.40	1655	1150	65.6	
60:1	1.74	2300	1.25	1655	1150	61.3	