



CAST IRON INLINE REDUCERS

RATINGS

Size 2032 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
2.15	814	3.19	235	190
3.62	483	2.35	291	200
5.22	335	2.60	465	210
6.35	276	1.58	343	220
7.38	237	1.77	447	230
8.77	200	1.84	552	240
10.76	163	1.04	383	260
12.39	141	1.13	479	265
15.39	114	1.13	595	270
19.09	92	.54	353	280
21.74	80	.70	521	300
26.08	67	.62	553	340
36.83	48	.39	491	350
46.29	38	.39	618	360
65.36	27	.22	492	360

Size 2042 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
2.30	760	4.43	349	212
2.77	631	4.22	401	223
3.36	521	3.76	432	224
4.11	425	3.35	472	229
5.06	346	4.43	766	241
5.12	342	2.88	505	241
6.09	287	4.22	880	249
6.53	268	2.41	540	259
7.38	237	3.76	948	269
7.56	231	3.62	937	273
8.14	215	2.01	560	278
9.03	194	3.35	1037	280
9.10	192	3.22	1003	282
9.81	178	1.74	586	286
11.03	159	2.82	1063	294
11.24	156	2.88	1109	294
11.28	155	1.48	570	294
13.50	130	2.55	1178	303
14.33	122	2.41	1184	307
16.80	104	2.21	1273	322
17.28	101	.99	587	325
17.86	98	2.01	1230	330
19.78	88	.87	590	348
21.42	82	1.81	1328	361
21.54	81	1.74	1286	362
24.76	71	1.48	1250	376
26.70	66	1.54	1410	382
31.45	56	1.14	1227	393
32.20	54	1.27	1404	383
37.01	47	1.13	1427	402
37.93	46	.99	1289	402
43.41	40	.86	1275	413
47.01	37	.89	1424	424
56.70	31	.74	1432	449
64.89	27	.67	1490	471

Size 2062 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
62.47	28.0	.58	1203	472
79.78	21.9	.44	1179	502
93.39	18.7	.40	1254	505
104.30	16.8	.35	1214	506
119.27	14.7	.33	1308	506
132.75	13.2	.27	1189	506
155.93	11.2	.25	1319	506
198.45	8.8	.20	1333	506
2.26	774	17.17	1329	262
2.71	645	17.17	1593	286
3.43	510	14.48	1701	301
3.98	440	12.40	1691	312
4.86	360	14.94	2483	332
5.21	336	8.18	1458	338
5.82	301	12.69	2527	355
6.63	264	6.84	1551	369
7.36	238	10.34	2606	382
7.61	230	8.68	2259	383
8.13	215	5.83	1623	367
8.55	205	8.97	2625	394
9.12	192	7.35	2293	401
10.28	170	4.80	1689	404
11.17	157	6.92	2647	412
11.53	152	6.20	2447	411
12.30	142	4.02	1695	415
13.39	131	5.36	2458	419
13.59	129	3.47	1616	420
14.22	123	5.48	2670	424
17.03	103	2.28	1330	444
17.50	100	4.20	2515	449
22.05	79	3.58	2703	468
26.41	66	3.00	2716	488
27.33	64	2.88	2697	494
29.18	60	2.03	2719	504
34.55	51	2.31	2728	526
36.56	48	2.19	2736	530
41.36	42	1.93	2735	530
45.70	38	1.76	2749	535
57.27	31	1.41	2761	559
65.23	27	1.29	2875	584

Size 2063 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
56.58	30.9	1.10	2080	560
59.75	29.3	1.19	2390	574
70.42	24.9	.90	2097	589
72.39	24.2	1.01	2416	593
88.64	19.7	.82	2425	596
89.78	19.5	.70	2080	596
110.30	15.9	.66	2425	596
111.91	15.6	.56	2097	596
134.97	13.0	.46	2071	596
140.64	12.4	.51	2416	596
155.14	11.3	.40	2071	596
175.30	10.0	.42	2460	596
197.03	8.9	.31	2062	596
211.41	8.3	.35	2434	596
237.66	7.4	.25	2062	596
243.01	7.2	.31	2505	596
308.64	5.7	.24	2487	596
372.27	4.7	.20	2469	596

Size 2064 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
359.74	4.86	.21	2478	595
413.50	4.23	.19	2478	595
525.17	3.33	.15	2478	595
633.45	2.76	.12	2478	595
724.95	2.41	.105	2478	595
822.64	2.13	.092	2478	595
992.25	1.76	.071	2478	595
1,226.78	1.43	.062	2478	595
1,529.18	1.14	.050	2478	595
1,844.18	.95	.042	2478	595
2,119.81	.83	.036	2478	595
2,692.26	.65	.028	2478	595
3,247.36	.54	.024	2478	595
3,716.43	.47	.020	2478	595

Size 2072 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
2.23	785	28.5	2178	1273
2.49	703	28.5	2431	1301
2.78	629	28.5	2719	1346
3.00	583	27.2	2798	1348
3.37	519	24.6	2843	1350
3.66	479	23.0	2876	1442
4.14	423	18.4	2600	1566
4.72	371	16.6	2674	1629
5.03	348	23.7	4090	1576
5.62	312	22.3	4281	1642
6.28	279	20.8	4470	1685
6.63	264	12.6	2859	1685
6.78	258	19.8	4589	1685
7.12	246	18.3	4460	1685
7.62	230	18.4	4807	1685
7.83	223	10.9	2913	1685
7.94	220	16.8	4577	1685
8.25	212	17.4	4924	1685
8.88	197	15.4	4690	1685
9.34	187	16.1	5147	1685
9.58	183	14.6	4805	1685
10.65	164	14.6	5327	1685
10.77	163	13.4	4944	1685
11.67	150	12.7	5062	1685
13.21	132	11.5	5198	1685
13.78	127	5.43	2562	1685
14.95	117	11.5	5870	1685
15.05	116	10.2	5239	1685
16.61	105	4.56	2593	1685
17.68	99	10.10	6128	1685
21.15	83	7.40	5359	1685
25.00	70	6.61	5659	1685
31.10	56	5.36	5711	1685
37.50	47	4.49	5768	1685
41.66	42	4.02	5738	1685
43.97	40	3.75	5653	1685
53.03	33	3.08	5600	1685
58.92	30	2.88	5816	1685

Size 2073 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
54.42	32.2	2.75	5000	1688
63.52	27.6	2.48	5266	1688
66.64	26.3	2.43	5399	1688
76.96	22.7	2.05	5266	1688
82.93	21.1	2.01	5576	1688
94.23	18.6	1.68	5266	1688
105.73	16.6	1.61	5664	1688
117.27	14.9	1.34	5266	1688
131.79	13.3	1.29	5664	1688
149.51	11.7	1.14	5664	1688
158.94	11.0	.99	5266	1688
182.69	9.6	.92	5664	1688
186.37	9.4	.84	5266	1688
224.76	7.8	.70	5266	1688
232.03	7.5	.72	5664	1688
258.35	6.8	.62	5266	1688
279.87	6.3	.60	5664	1688
328.12	5.3	.48	5266	1688
395.77	4.4	.40	5266	1688

Size 2083 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
55.53	31.5	4.12	7644	2191
61.57	28.4	4.26	8759	2191
71.45	24.5	3.67	8759	2191
72.60	24.1	2.32	5618	2191
92.40	18.9	2.32	7166	2191
93.42	18.7	2.32	7219	2191
113.36	15.4	2.19	8281	2191
118.89	14.7	2.21	8759	2191
143.31	12.2	1.73	8281	2191
145.87	12.0	1.80	8759	2191
171.60	10.2	1.45	8281	2191
184.40	9.5	1.42	8759	2191
189.60	9.2	1.31	8281	2191
220.80	7.9	1.19	8759	2191
237.60	7.4	1.04	8281	2191
243.96	7.2	1.08	8759	2191
305.72	5.7	.86	8759	2191
37.50	47	4.49	5768	1685
41.66	42	4.02	5738	1685
43.97	40	3.75	5653	1685
53.03	33	3.08	5600	1685
58.92	30	2.88	5816	1685

Size 2074 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
400.85	4.37	.44	5753	1685
483.40	3.62	.36	5753	1685
611.66	2.86	.29	5753	1685
709.84	2.47	.25	5753	1685
769.55	2.27	.21	5753	1685
979.43	1.79	.17	5753	1685
1,201.65	1.46	.134	5753	1685
1,449.12	1.21	.117	5753	1685
1,818.94	.96	.092	5753	1685
2,193.53	.80	.076	5753	1685
2,423.62	.72	.070	5753	1685
3,037.19	.58	.055	5753	1685

Size 2084 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
288.13	6.07	.99	9293	2150
366.73	4.77	.78	9293	2150
448.76	3.90	.63	9293	2150
511.36	3.42	.56	9293	2150
637.44	2.75	.44	9293	2150
726.37	2.41	.39	9293	2150
1,020.32	1.72	.28	9293	2150
1,206.29	1.45	.24	9293	2150
2,121.84	.82	.134	9293	2150
2,558.81	.68	.111	9293	2150

Size 2082 (1750 RPM Input Speed)

Ratio	Output Speed	Input H.P.	Output Torque	OHL
7.92	221	34.2	9277	2078
8.08	217	31.1	8609	2101
8.72	201	29.4	8767	2134
8.96	195	31.1	9537	2134
9.80	179	26.8	8998	2157
10.20	172	26.0	9082	2191
10.65	164	26.4	9604	2191
11.53	152	23.6	9313	2191
11.70	150	13.7	5477	2191
13.70	128	20.8	9747	2191
16.61	105	8.31	4729	2191
17.68	99	16.2	9788	2191
22.75	77	13.6	10621	2191
26.40	66	11.0	9903	2191
33.97	52	9.33	10855	2191
37.50	47	7.79	10003	2191
41.66	42	7.03	10023	2191
48.25	36	6.68	11032	2191
53.61	33	6.03	11075	2191

Note: All torque values listed in inch-pounds, all overhung load values listed in pounds. The point of application of the overhung load is considered to be at the midpoint of the shaft extension. At speeds above 1750 RPM, units may become thermally limited. For extended operation, limit input HP to 1750 RPM catalog rating.