

SINGLE REDUCTION

With Mobil Glygoyle 460 Lubricant



1.333 CENTER DISTANCE			HORSEPOWER AND TORQUE RATINGS							OVERHUNG LOAD CAPACITIES (lb)			THRUST LOAD CAPACITIES (lb)	
RATIO ¹	INPUT RPM ²	OUTPUT RPM	MECHANICAL							INPUT SHAFT ALL SHAFT INPUT MODELS	OUTPUT SHAFT ^{4,5}		OUTPUT SHAFT ⁵	
			1.00 SERVICE FACTOR			1.25 SERVICE FACTOR		1.50 SERVICE FACTOR			SOLID ³ SHAFT (e.g. MDNS)	HOLLOW SHAFT (e.g. MDSS)	SOLID SHAFT (e.g. MDNS)	HOLLOW SHAFT (e.g. MDSS)
			INPUT HP	OUTPUT TORQUE (lb•in.)	EFF	INPUT HP	OUTPUT TORQUE (lb•in.)	INPUT HP	OUTPUT TORQUE (lb•in.)					
4	SEE MODIFIED PRODUCT SECTION													
5	2500	500	1.68	197	93	1.34	158	1.12	131	136	290	580		
	1750	350	1.39	238	95	1.11	190	0.93	159					
	1160	232	1.06	276	96	0.85	221	0.71	184					
	870	174	0.87	297	95	0.70	238	0.58	198					
	600	120	0.64	319	95	0.51	255	0.43	213					
	300	60	0.34	344	96	0.27	275	0.23	229					
	100	20	0.11	320	94	0.09	256	0.07	213					
7.5	2500	333	1.32	227	91	1.06	182	0.88	151	132	290	624		
	1750	233	1.05	266	93	0.84	213	0.70	177					
	1160	155	0.78	301	94	0.62	241	0.52	201					
	870	116	0.63	319	93	0.50	255	0.42	213					
	600	80	0.46	338	94	0.37	270	0.31	225					
	300	40	0.24	360	95	0.19	288	0.16	240					
	100	13	0.08	345	93	0.06	276	0.05	230					
10	2500	250	1.08	244	89	0.86	195	0.72	163	125	290	624		
	1750	175	0.86	284	91	0.69	227	0.57	189					
	1160	116	0.65	320	91	0.52	256	0.43	213					
	870	87	0.51	339	92	0.41	271	0.34	226					
	600	60	0.37	358	93	0.30	286	0.25	239					
	300	30	0.20	381	92	0.16	305	0.13	254					
	100	10	0.07	379	90	0.06	303	0.05	253					
15	2500	167	0.80	258	86	0.64	206	0.53	172	100	290	624		
	1750	117	0.62	295	88	0.50	236	0.41	197					
	1160	77	0.48	342	87	0.38	274	0.32	228					
	870	58	0.38	362	89	0.30	290	0.25	241					
	600	40	0.27	381	90	0.22	305	0.18	254					
	300	20	0.14	390	88	0.11	312	0.09	260					
	100	7	0.05	389	86	0.04	311	0.03	259					
20	2500	125	0.58	242	83	0.46	194	0.39	161	100	290	624		
	1750	88	0.42	257	85	0.34	206	0.28	171					
	1160	58	0.30	271	84	0.24	217	0.20	181					
	870	44	0.23	277	84	0.18	222	0.15	185					
	600	30	0.16	281	84	0.13	225	0.11	187					
	300	15	0.08	290	85	0.06	232	0.05	193					
	100	5	0.03	301	83	0.02	241	0.02	201					
25	2500	100	0.53	267	80	0.42	214	0.35	178	100	290	624		
	1750	70	0.41	304	82	0.33	243	0.27	203					
	1160	46	0.31	345	82	0.25	276	0.21	230					
	870	35	0.24	364	82	0.19	291	0.16	243					
	600	24	0.17	382	84	0.14	306	0.11	255					
	300	12	0.09	384	82	0.07	307	0.06	256					
	100	4	0.03	384	80	0.02	307	0.02	256					

1. Exact ratio.
 2. If input speed is below 1160 RPM, please specify speed and mounting position to ensure proper lubrication.
 3. Overhung load given at a distance equal to one shaft diameter from the face of the output seal.
 4. Overhung load is based on maximum bore size. Use of smaller driven shaft diameter may limit OHL capacity.

5. Overhung loads are based on the output shaft and output bearing capacities only. Check Overhung Load Section for other considerations.

Ratings





SINGLE REDUCTION

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REDUCER SIZE

E13

1.333 CENTER DISTANCE			HORSEPOWER AND TORQUE RATINGS							OVERHUNG LOAD CAPACITIES (lb)			THRUST LOAD CAPACITIES (lb)		
RATIO ¹	INPUT RPM ²	OUTPUT RPM	MECHANICAL							INPUT SHAFT	OUTPUT SHAFT ^{4,5}		OUTPUT SHAFT ⁵		
			1.00 SERVICE FACTOR			1.25 SERVICE FACTOR		1.50 SERVICE FACTOR			ALL SHAFT INPUT MODELS	SOLID ³ SHAFT (e.g. MDNS)	HOLLOW SHAFT (e.g. MDSS)	SOLID SHAFT (e.g. MDNS)	HOLLOW SHAFT (e.g. MDSS)
			INPUT HP	OUTPUT TORQUE (lb•in.)	EFF	INPUT HP	OUTPUT TORQUE (lb•in.)	INPUT HP	OUTPUT TORQUE (lb•in.)						
30	2500	83	0.44	255	76	0.35	204	0.29	170	100	290	624			
	1750	58	0.35	293	78	0.28	234	0.23	195						
	1160	39	0.27	341	78	0.22	273	0.18	227						
	870	29	0.21	372	80	0.17	298	0.14	248						
	600	20	0.16	392	80	0.13	314	0.11	261						
	300	10	0.08	391	78	0.06	313	0.05	261						
	100	3	0.03	393	76	0.02	314	0.02	262						
40	2500	63	0.36	258	71	0.29	206	0.24	172	100	290	624			
	1750	44	0.27	276	72	0.22	221	0.18	184						
	1160	29	0.18	291	73	0.14	233	0.12	194						
	870	22	0.14	297	73	0.11	238	0.09	198						
	600	15	0.10	300	73	0.08	240	0.07	200						
	300	8	0.05	294	75	0.04	235	0.03	196						
	100	3	0.02	302	72	0.02	242	0.01	201						
50	2500	50	0.22	186	67	0.18	149	0.15	124	100	290	624			
	1750	35	0.17	213	68	0.14	170	0.11	142						
	1160	23	0.13	237	69	0.10	190	0.09	158						
	870	17	0.10	250	69	0.08	200	0.07	167						
	600	12	0.07	262	69	0.06	210	0.05	175						
	300	6	0.04	273	70	0.03	218	0.03	182						
	100	2	0.01	273	69	0.01	218	0.01	182						
60	2500	42	0.19	177	63	0.15	142	0.13	118	115	290	624			
	1750	29	0.15	202	64	0.12	162	0.10	135						
	1160	19	0.11	224	64	0.09	179	0.07	149						
	870	15	0.08	236	64	0.06	189	0.05	157						
	600	10	0.06	239	64	0.05	191	0.04	159						
	300	5	0.03	239	64	0.02	191	0.02	159						
	100	2	0.01	239	65	0.01	191	0.01	159						

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Ratings



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