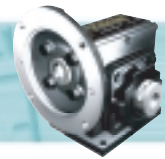


SINGLE REDUCTION
With Mobil Glygoyle 460 Lubricant



2.625 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 ^{5,6}		OUTPUT SHAFT ⁶	
			1.00 SERVICE FACTOR			1.25 SERVICE FACTOR		1.50 SERVICE FACTOR			SOLID ³ SHAFT (e.g. MDNS)	HOLLOW ⁴ SHAFT (e.g. MDSS)	SOLID SHAFT (e.g. MDNS)	HOLLOW SHAFT (e.g. MDSS)
INPUT HP	OUTPUT TORQUE (lbf-in.)	EFF	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)						
4	SEE MODIFIED PRODUCT SECTION													
5	2500	500	9.11	1096	95	7.29	877	6.07	731	500	748	1302	844	1860
	1750	350	7.70	1334	96	6.16	1067	5.13	889					
	1160	232	5.96	1567	97	4.77	1254	3.97	1045					
	870	174	4.99	1756	97	3.99	1405	3.33	1171					
	600	120	3.91	1994	97	3.13	1595	2.61	1329					
	300	60	2.30	2330	96	1.84	1864	1.53	1553					
	100	20	0.91	2584	90	0.73	2067	0.61	1723					
7.5	2500	333	7.08	1268	95	5.66	1014	4.72	845	500	799	1405	968	2160
	1750	233	5.93	1533	96	4.74	1226	3.95	1022					
	1160	155	4.67	1836	97	3.74	1469	3.11	1224					
	870	116	3.92	2066	97	3.14	1653	2.61	1377					
	600	80	3.08	2356	97	2.46	1885	2.05	1571					
	300	40	1.68	2546	96	1.34	2037	1.12	1697					
	100	13	0.60	2542	89	0.48	2034	0.40	1695					
10	2500	250	5.73	1356	94	4.58	1085	3.82	904	250	895	1535	1067	2160
	1750	175	4.82	1650	95	3.86	1320	3.21	1100					
	1160	116	3.41	1770	96	2.73	1416	2.27	1180					
	870	87	2.57	1782	96	2.06	1426	1.71	1188					
	600	60	1.81	1821	96	1.45	1457	1.21	1214					
	300	30	0.95	1888	94	0.76	1510	0.63	1259					
	100	10	0.35	1970	88	0.28	1576	0.23	1313					
15	2500	167	4.14	1434	92	3.31	1147	2.76	956	285	1025	1750	1238	2160
	1750	117	3.42	1724	93	2.74	1379	2.28	1149					
	1160	77	2.41	1847	94	1.93	1478	1.61	1231					
	870	58	1.80	1849	94	1.44	1479	1.20	1233					
	600	40	1.24	1843	94	0.99	1474	0.83	1229					
	300	20	0.68	1999	93	0.54	1599	0.45	1333					
	100	7	0.27	2124	85	0.22	1699	0.18	1416					
20	2500	125	3.16	1426	89	2.53	1141	2.11	951	275	1025	1823	1500	2160
	1750	88	2.64	1745	92	2.11	1396	1.76	1163					
	1160	58	1.76	1764	92	1.41	1411	1.17	1176					
	870	44	1.31	1762	93	1.05	1410	0.87	1175					
	600	30	0.93	1810	93	0.74	1448	0.62	1207					
	300	15	0.52	1968	91	0.42	1574	0.35	1312					
	100	5	0.20	2082	82	0.16	1666	0.13	1388					
25	2500	100	2.63	1455	88	2.10	1164	1.75	970	275	1025	1823	1500	2160
	1750	70	2.17	1758	90	1.74	1406	1.45	1172					
	1160	46	1.43	1762	91	1.14	1410	0.95	1175					
	870	35	1.07	1769	91	0.86	1415	0.71	1179					
	600	24	0.74	1774	91	0.59	1419	0.49	1183					
	300	12	0.41	1920	89	0.33	1536	0.27	1280					
	100	4	0.16	2023	80	0.13	1618	0.11	1349					

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.
 6. Overhung load and thrust load ratings are computed independent of each other. For combined load applications, contact Winsmith.

Mechanical ratings shaded above exceed speed reducer thermal limitations under continuous duty conditions. Refer to Appendix (page 229) for Continuous Duty Thermal Limit Ratings.



2D DRAWINGS & 3D MODELS
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SINGLE REDUCTION

With Mobil Glygoyle 460 Lubricant

REDUCER SIZE

E26

2.625 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 ^{5,6}		OUTPUT SHAFT ⁶	
			1.00 SERVICE FACTOR			1.25 SERVICE FACTOR		1.50 SERVICE FACTOR			SOLID ³ SHAFT (e.g. MDNS)	HOLLOW ⁴ SHAFT (e.g. MDSS)	SOLID SHAFT (e.g. MDNS)	HOLLOW SHAFT (e.g. MDSS)
			INPUT HP	OUTPUT TORQUE (lbf-in.)	EFF	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)					
30	2500	83	2.32	1500	85	1.86	1200	1.55	1000	282	1025	1823	1500	2160
	1750	58	1.80	1712	88	1.44	1370	1.20	1141					
	1160	39	1.28	1864	89	1.02	1491	0.85	1243					
	870	29	0.95	1858	90	0.76	1486	0.63	1239					
	600	20	0.68	1881	88	0.54	1505	0.45	1254					
	300	10	0.38	2055	85	0.30	1644	0.25	1370					
	100	3	0.15	2181	77	0.12	1745	0.10	1454					
40	2500	63	1.82	1499	82	1.46	1199	1.21	999	260	1025	1823	1500	2160
	1750	44	1.42	1737	85	1.14	1390	0.95	1158					
	1160	29	1.06	2028	88	0.85	1622	0.71	1352					
	870	22	0.81	2028	87	0.65	1622	0.54	1352					
	600	15	0.57	2022	84	0.46	1618	0.38	1348					
	300	8	0.29	2019	82	0.23	1615	0.19	1346					
	100	3	0.11	2071	74	0.09	1657	0.07	1381					
50	2500	50	1.48	1461	78	1.18	1169	0.99	974	285	1025	1823	1500	2160
	1750	35	1.18	1748	82	0.94	1398	0.79	1165					
	1160	23	0.84	1932	85	0.67	1546	0.56	1288					
	870	17	0.63	1924	84	0.50	1539	0.42	1283					
	600	12	0.45	1926	82	0.36	1541	0.30	1284					
	300	6	0.23	1934	79	0.18	1547	0.15	1289					
	100	2	0.09	1940	72	0.07	1552	0.06	1293					
60	2500	42	1.22	1387	75	0.98	1110	0.81	925	270	1025	1823	1500	2160
	1750	29	0.92	1556	78	0.74	1245	0.61	1037					
	1160	19	0.60	1562	80	0.48	1250	0.40	1041					
	870	15	0.45	1569	81	0.36	1255	0.30	1046					
	600	10	0.32	1587	79	0.26	1270	0.21	1058					
	300	5	0.18	1710	77	0.14	1368	0.12	1140					
	100	2	0.07	1797	69	0.06	1438	0.05	1198					
80	2500	31	0.69	947	69	0.55	758	0.46	631	270	1025	1823	1500	2160
	1750	22	0.49	979	70	0.39	783	0.33	653					
	1160	15	0.37	1126	69	0.30	901	0.25	751					
	870	11	0.29	1206	72	0.23	965	0.19	804					
	600	8	0.21	1285	74	0.17	1028	0.14	857					
	300	4	0.11	1380	72	0.09	1104	0.07	920					
	100	1	0.04	1395	64	0.03	1116	0.03	930					
100	2500	25	0.42	645	61	0.34	516	0.28	430	270	1025	1823	1500	2160
	1750	18	0.34	767	63	0.27	614	0.23	511					
	1160	12	0.25	880	64	0.20	704	0.17	587					
	870	9	0.20	941	64	0.16	753	0.13	627					
	600	6	0.15	1001	65	0.12	801	0.10	667					
	300	3	0.08	1073	67	0.06	858	0.05	715					
	100	1	0.03	1124	60	0.02	899	0.02	749					

Ratings

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.
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 Mechanical ratings shaded above exceed speed reducer thermal limitations under continuous duty conditions. Refer to Appendix (page 229) for Continuous Duty Thermal Limit Ratings.



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