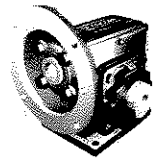
REDUCER SIZE **E20**

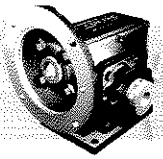
SINGLE REDUCTION

With Mobil Glygoyle 460 Lubricant



2.000 CENTER DISTANCE			HORSEPOWER AND TORQUE RATINGS							OVERHUNG LOAD CAPACITIES (lb)			THRUST LOAD CAPACITIES (lb)	
			MECHANICAL							INPUT SHAFT	OUTPUT SHAFT[5,6]		OUTPUT SHAFT[6]	
RATIO[1]	INPUT RPM[2]	OUTPUT RPM	1.00 SERVICE FACTOR			1.25 SERVICE FACTOR		1.50 SERVICE FACTOR		ALL SHAFT INPUT MODELS	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.)					
4	SEE MODIFIED PRODUCT SECTION													
SOLID OUTPUT 5 HOLLOW OUTPUT 5.33	2500	500	4.42	529	95	3.54	423	2.95	353	300	572	1265	615	1440
	1750	350	3.70	639	96	2.96	511	2.47	426					
	1160	232	2.85	743	96	2.28	594	1.90	495					
	870	174	2.38	830	96	1.90	664	1.59	553					
	600	120	1.88	956	97	1.50	765	1.25	637					
	300	60	1.09	1111	97	0.87	889	0.73	741					
	100	20	0.41	1200	93	0.33	960	0.27	800					
7.5	2500	333	3.37	598	94	2.70	478	2.25	399	300	617	1345	705	1440
	1750	233	2.84	732	95	2.27	586	1.89	488					
	1160	155	2.18	849	95	1.74	679	1.45	566					
	870	116	1.82	950	96	1.46	760	1.21	633					
	600	80	1.36	1035	96	1.09	828	0.91	690					
	300	40	0.72	1088	96	0.58	870	0.48	725					
	100	13	0.25	1085	92	0.20	868	0.17	723					
10	2500	250	2.79	653	93	2.23	522	1.86	435	219	650	1345	798	1440
	1750	175	2.24	769	95	1.79	615	1.49	513					
	1160	116	1.68	863	94	1.34	690	1.12	575					
	870	87	1.25	858	95	1.00	686	0.83	572					
	600	60	0.86	858	95	0.69	686	0.57	572					
	300	30	0.43	859	95	0.34	687	0.29	573					
	100	10	0.15	861	89	0.12	689	0.10	574					
15	2500	167	1.95	665	90	1.56	532	1.30	443	242	650	1345	894	1440
	1750	117	1.59	794	92	1.27	635	1.06	529					
	1160	77	1.06	788	91	0.85	630	0.71	525					
	870	58	0.79	792	92	0.63	634	0.53	528					
	600	40	0.55	796	92	0.44	637	0.37	531					
	300	20	0.29	855	92	0.23	684	0.19	570					
	100	7	0.11	896	87	0.09	717	0.07	597					
20	2500	125	1.57	698	88	1.26	558	1.05	465	236	650	1345	894	1440
	1750	88	1.24	806	90	0.99	645	0.83	537					
	1160	58	0.91	891	90	0.73	713	0.61	594					
	870	44	0.68	890	91	0.54	712	0.45	593					
	600	30	0.46	890	91	0.37	712	0.31	593					
	300	15	0.24	891	90	0.19	713	0.16	594					
	100	5	0.08	887	86	0.06	710	0.05	591					
25	2500	100	1.29	702	86	1.03	562	0.86	468	220	650	1345	894	1440
	1750	70	1.01	803	88	0.81	642	0.67	535					
	1160	46	0.73	865	88	0.58	692	0.49	577					
	870	35	0.54	871	89	0.43	697	0.36	581					
	600	24	0.37	875	89	0.30	700	0.25	583					
	300	12	0.19	876	88	0.15	701	0.13	584					
	100	4	0.07	866	84	0.06	693	0.05	577					

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.



SINGLE REDUCTION

With Mobil Glygoyle 460 Lubricant

REDUCER SIZE **E20**

2.000 CENTER DISTANCE			HORSEPOWER AND TORQUE RATINGS							OVERHUNG LOAD CAPACITIES (lb)			THRUST LOAD CAPACITIES (lb)	
			MECHANICAL							INPUT SHAFT	OUTPUT SHAFT[5,6]		OUTPUT SHAFT[6]	
			1.00 SERVICE FACTOR			1.25 SERVICE FACTOR		1.50 SERVICE FACTOR						
RATIO[1]	INPUT RPM[2]	OUTPUT RPM	INPUT HP	OUTPUT TORQUE (lbf•in.)	EFF	INPUT HP	OUTPUT TORQUE (lbf•in.)	INPUT HP	OUTPUT TORQUE (lbf•in.)	ALL SHAFT INPUT MODELS	SOLID[3] SHAFT (e.g. MDNS)	HOLLOW[4] SHAFT (e.g. MDSS)	SOLID SHAFT (e.g. MDNS)	HOLLOW SHAFT (e.g. MDSS)
30	2500	83	1.09	686	83	0.87	549	0.73	457	237	650	1345	894	1440
	1750	58	0.86	788	85	0.69	630	0.57	525					
	1160	39	0.66	920	86	0.53	736	0.44	613					
	870	29	0.53	1016	88	0.42	813	0.35	677					
	600	20	0.40	1084	86	0.32	867	0.27	723					
	300	10	0.21	1083	84	0.17	866	0.14	722					
	100	3	0.07	1080	81	0.06	864	0.05	720					
40	2500	63	0.85	685	80	0.68	548	0.57	457	246	650	1345	894	1440
	1750	44	0.68	795	82	0.54	636	0.45	530					
	1160	29	0.51	920	82	0.41	736	0.34	613					
	870	22	0.41	995	84	0.33	796	0.27	663					
	600	15	0.29	993	83	0.23	794	0.19	662					
	300	8	0.15	993	80	0.12	794	0.10	662					
	100	3	0.05	993	78	0.04	794	0.03	662					
50	2500	50	0.72	693	76	0.58	554	0.48	462	224	650	1345	894	1440
	1750	35	0.56	791	79	0.45	633	0.37	527					
	1160	23	0.41	882	79	0.33	706	0.27	588					
	870	17	0.31	887	80	0.25	710	0.21	591					
	600	12	0.21	891	80	0.17	713	0.14	594					
	300	6	0.11	891	78	0.09	713	0.07	594					
	100	2	0.04	882	75	0.03	706	0.03	588					
60	2500	42	0.59	648	73	0.47	518	0.39	432	224	650	1345	894	1440
	1750	29	0.41	656	74	0.33	525	0.27	437					
	1160	19	0.27	660	74	0.22	528	0.18	440					
	870	15	0.21	664	74	0.17	531	0.14	443					
	600	10	0.15	701	74	0.12	561	0.10	467					
	300	5	0.08	745	75	0.06	596	0.05	497					
	100	2	0.03	775	73	0.02	620	0.02	517					
82	2500	30	0.29	397	66	0.23	318	0.19	265	220	650	1345	894	1440
	1750	21	0.22	437	67	0.18	350	0.15	291					
	1160	14	0.16	486	67	0.13	389	0.11	324					
	870	11	0.13	513	67	0.10	410	0.09	342					
	600	7	0.09	538	67	0.07	430	0.06	359					
	300	4	0.05	568	67	0.04	454	0.03	379					
	100	1	0.02	589	65	0.02	471	0.01	393					
99	2500	25	0.21	311	60	0.17	249	0.14	207	220	650	1345	894	1440
	1750	18	0.16	355	61	0.13	284	0.11	237					
	1160	12	0.12	394	62	0.10	315	0.08	263					
	870	9	0.09	415	62	0.07	332	0.06	277					
	600	6	0.07	435	62	0.06	348	0.05	290					
	300	3	0.04	459	62	0.03	367	0.03	306					
	100	1	0.01	475	60	0.01	380	0.01	317					

1. Exact ratio.
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