

SE Encore Series Thermal Limit Ratings

THERMAL LIMIT RATINGS ³																								
Maximum input HP at 68°F (20°C) ambient temperature Single reduction with Mobil Glygoyle 460 lubricant																								
SIZE	RATIO ¹		5		7.5		10		15		20		25		30		40		50		60		80	
	INPUT RPM ²	OUTPUT RPM	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)	INPUT HP	OUTPUT TORQUE (lbf-in.)
E13	Not Thermally Limited																							
E17																								
E20																								
E24																								
E26	2500	500	6.71	807	5.89	1055	5.08	1204	3.71	1286	2.94	1325	2.50	1382	2.13	1376	1.71	1416	1.43	1415	-	-	-	-
E30	2500	500	9.38	1134	8.34	1505	7.18	1715	5.33	1872	4.49	2070	3.70	2090	3.14	2084	2.52	2159	2.04	2097	-	-	-	-
	1750	350	10.49	1821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E35	2500	500	12.86	1562	10.90	1973	9.03	2157	6.58	2309	5.52	2545	4.75	2699	3.88	2575	3.20	2753	2.69	2804	2.32	2804	-	-
	1750	350	12.09	2093	11.62	3012	9.50	3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E43	2500	500	19.27	2356	14.72	2673	11.89	3717	8.57	3021	7.06	3268	5.51	3106	4.81	3200	3.99	3438	3.43	3592	3.02	3686	2.42	3707
	1750	350	17.71	3086	13.50	3491	10.90	4873	7.87	3939	6.50	4267	5.09	4065	4.46	4197	3.73	4532	3.23	4764	2.86	4926	-	-
	1160	232	15.51	4056	11.80	4574	9.55	5848	6.93	5173	5.76	5631	4.59	5443	4.20	5900	3.74	6864	-	-	-	-	-	-
	870	174	13.96	4846	10.68	5486	8.65	7355	6.30	6218	5.26	6787	4.43	6980	4.08	7607	-	-	-	-	-	-	-	-
	600	120	12.13	6069	9.32	6886	7.58	11409	5.56	7847	4.68	8612	4.04	9077	3.74	9944	-	-	-	-	-	-	-	-
	300	60	9.49	9360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Exact ratio
- If input speed is below 1160 RPM, please specify speed and mounting position to ensure proper lubrication.
- If the input HP thermal capacity or limit exceeds the 1.00 service factor mechanical rating, then the reducer is not thermally limited and no thermal rating is shown in the above table.