

Hitachi Nico Transmission Co., Ltd.

Continuous Duty Marine Gear Ratings Model MGN-V Series (Vertical Offset Type)

Model	SAE Hsg.	Standard Ratios	Input Rating						Max. Speed min ⁻¹
			900 min ⁻¹		1200 min ⁻¹		1600 min ⁻¹		
			kW	HP	kW	HP	kW	HP	
MGN 923V	---	2.00	662	888	883	1184	856	1282	1600
		2.25	662	888	883	1184	1000	1341	
		2.55	662	888	883	1184	1037	1391	
		2.90	662	888	883	1184	1074	1440	
MGN 924V	---	2.95, 3.41, 4.00	662	888	883	1184	1176	1577	1600
			1200 min ⁻¹		1600 min ⁻¹		1800 min ⁻¹		
MGN 1424V	---	2.51, 3.06, 3.48	1385	1857	1847	2477	2078	2787	1800
		4.00	1235	1656	1647	2209	1853	2485	
MGN 1426V	---	4.44, 5.00, 5.44	1385	1857	1847	2477	2078	2787	1800
		5.96	1235	1656	1647	2209	1853	2485	
MGN 1427V	---	6.14, 6.41, 6.69	1385	1857	1847	2477	2078	2787	1800
		7.00	1235	1656	1647	2209	1853	2485	
			720 min ⁻¹		1000 min ⁻¹		1500 min ⁻¹		
MGN 1523V	---	1.70, 2.02, 2.54	831	1114	1154	1548	1757	2356	1500
		3.13	752	1008	1044	1400	1590	2132	
MGN 1524V	---	2.49	831	1114	1154	1548	1316	1765	1500
		3.03	831	1114	1154	1548	1412	1893	
		3.49	831	1114	1154	1548	1471	1973	
		3.97	752	1008	1044	1400	1544	2071	
MGN 1824BV	---	1.92, 2.55, 2.92, 3.52, 4.14	1180	1582	1640	2199	1968	2639	1500
			900 min ⁻¹		1200 min ⁻¹		1600 min ⁻¹		
MGN 2024V	---	2.02, 2.51, 3.06, 3.48, 4.00	1489	1997	1985	2662	2647	3550	1600
MGN 2025V	---	4.20, 4.38, 4.57, 4.78, 5.00	1489	1997	1985	2662	2647	3550	1600
MGN 2026V	---	5.25, 5.48, 5.73, 6.00	1489	1997	1985	2662	2647	3550	1600
			720 min ⁻¹		900 min ⁻¹		1200 min ⁻¹		
MGN 2843AV	---	1.65, 2.00, 2.55, 2.97, 3.22	1647	2209	2059	2761	2294	3076	1200
MGN 2844AV	---	2.33, 2.85, 3.17, 3.69	1647	2209	2059	2761	2294	3076	1200
MGN 2845AV	---	3.23, 3.57, 3.97, 4.28	1647	2209	2059	2761	2294	3076	1200
MGN 3243V	---	2.38, 2.65, 3.09	1837	2463	2296	3079	2551	3421	1200
		3.66	1694	2272	2118	2840	2352	3154	
			600 min ⁻¹		720 min ⁻¹		800 min ⁻¹		
MGN 3644V	---	2.85, 3.17, 3.55, 4.00	1588	2130	1907	2557	2113	2834	1000
MGN 5023AV	---	2.97, 3.21	2078	2787	2494	3344	2771	3716	1000
		3.48	1985	2662	2382	3194	2647	3550	
MGN 5024AV	---	3.05, 3.47, 4.00	2078	2787	2494	3344	2771	3716	1000
		4.48	1910	2561	2292	3074	2547	3416	
MGN 6324AV	---	2.66, 3.03, 3.35, 4.37	2758	3698	3309	4437	3676	4930	1000
		4.55	2656	3562	3187	4274	3541	4748	
MGN 8044V	---	2.57, 3.05	3875	5196	4650	6236	4779	6409	900
		3.55	3750	5029	4500	6035	4779	6409	
		4.00	3618	4852	4341	5821	4779	6409	

Hitachi Nico Transmission Co., Ltd.

Continuous Duty Marine Gear Ratings

Model MGN-Z Series (Coaxial Type)

Model	SAE Hsg.	Standard Ratios	Input Rating						Max. Speed min ⁻¹
			1200 min ⁻¹		1600 min ⁻¹		1800 min ⁻¹		
			kW	HP	kW	HP	kW	HP	
MGN 1623Z	---	2.03, 2.41, 3.01, 3.53	1421	1906	1894	2540	2131	2858	1800
		3.66, 3.80, 3.94	1271	1704	1694	2272	1906	2556	1900
		4.23, 4.57, 4.93	1015	1361	1353	1814	1522	2041	2000
		5.33, 5.76, 6.00	829	1112	1106	1483	1244	1668	
			720 min ⁻¹		1000 min ⁻¹		1200 min ⁻¹		
MGN 1823Z	---	1.86, 2.06, 2.48, 3.00	1133	1519	1574	2111	1888	2532	1350
		3.27, 3.43	1016	1362	1412	1893	1694	2272	
MGN 1824Z	---	3.21, 3.35, 3.49, 3.64	1133	1519	1574	2111	1888	2532	1500
		3.97, 4.38	953	1278	1324	1775	1588	2130	
MGN 2026Z	---	3.91, 4.54, 5.12, 5.81	1228	1647	1706	2288	2047	2745	1600
		6.01	1191	1597	1654	2218	1985	2662	
			720 min ⁻¹		900 min ⁻¹		1200 min ⁻¹		
MGN 2843Z	---	1.19, 1.50, 1.97, 2.46	1694	2272	2118	2840	2824	3787	1300
		2.78, 2.89, 3.01	1472	1974	1840	2467	2453	3289	
		3.19	1429	1916	1787	2396	2382	3194	
MGN 2844Z	---	2.58, 2.80, 3.05, 3.33	1694	2272	2118	2840	2824	3787	1400
		3.45, 3.57	1594	2138	1992	2671	2656	3562	
		3.70	1535	2058	1919	2573	2559	3432	
MGN 2845Z	---	3.44, 3.57, 3.87, 4.20	1694	2272	2118	2840	2824	3787	1400
		4.33, 4.45	1609	2158	2012	2698	2682	3597	
		4.72	1514	2030	1893	2539	2524	3385	
			600 min ⁻¹		720 min ⁻¹		800 min ⁻¹		
MGN 3644Z	---	2.27, 2.99, 3.47, 3.76	1588	2130	1906	2556	2118	2840	1150
		3.87, 3.98	1500	2012	1800	2414	2000	2682	
		4.10, 4.22	1412	1893	1694	2272	1882	2524	
MGN 5023Z	---	1.87, 2.03, 2.51, 3.02	2294	3076	2753	3692	3059	4102	1100
		3.15, 3.29, 3.44	2051	2750	2462	3302	2735	3668	
		3.76, 3.94	1791	2402	2149	2882	2388	3202	
MGN 5024Z	---	3.32, 3.45, 3.59, 3.73	2206	2958	2647	3550	2941	3944	1200
		3.88, 4.04	2100	2817	2520	3379	2800	3755	
		4.21, 4.40	1765	2367	2118	2840	2353	3155	
MGN 6324Z	---	2.55, 3.04, 3.52, 4.15	2868	3846	3441	4614	3824	5128	1200
		4.33, 4.52	2660	3567	3192	4280	3547	4757	
		4.72	2550	3420	3060	4103	3400	4559	
MGN 8044Z	---	2.05, 2.28, 2.56, 2.99	3710	4975	4452	5970	4947	6634	1000
		3.25, 3.53	3675	4928	4410	5914	4900	6571	
		3.85, 4.03	3635	4875	4362	5849	4847	6500	