

HYPOID MOTOR: Adapter Type, Inline Reducer Type

Model number		4P motor capacity equivalence kW	Actual reduction ratio	Number of reduction steps	Output shaft revolution r/min		Allowable output shaft torque				Allowable output shaft O.H.L.		Allowable output shaft O.H.L.		Page and drawing number of the outline dimensions		
							N·m		{kgf·m}								
					L·U·H	50Hz	60Hz	50Hz:1500r/min	60Hz:1800r/min	N	{kgf}	N	{kgf}	Hollow shaft	Face mount	Foot mount	
HRTA 075	5	0.75 kW	1/5	2	300	360	20.6	{ 2.1}	17.6	{ 1.8}	353	{36}	1519	{155}	101 102 1	105 106 1	109 110 3
	10		1/10		150	180	42.1	{ 4.3}	34.3	{ 3.5}			2205	{225}			
	15		1/15		100	120	62.7	{ 6.4}	51.9	{ 5.3}			2401	{245}			
	20		1/20		75	90	83.3	{ 8.5}	69.6	{ 7.1}			2646	{270}			
	25		1/25		60	72	104	{10.6}	87.2	{ 8.9}			2891	{295}			
	30		1/30		50	60	125	{12.8}	104	{10.6}			3136	{320}			
	40		1/40	3	37.5	45	159	{16.2}	132	{13.5}			3626	{370}	101 102 2	105 106 2	109 110 4
	50		1/50		30	36	198	{20.2}	165	{16.8}			4116	{420}			
	60		1/60		25	30	238	{24.3}	198	{20.2}			4508	{460}			
	80		1/80		18.8	22.5	317	{32.3}	264	{26.9}			5390	{550}			
	100		1/100		15	18	396	{40.4}	330	{33.7}			6272	{640}			
	120		1/120		12.5	15	475	{48.5}	396	{40.4}			6272	{640}			
	160		1/160		9.4	11.3	621	{63.4}	517	{52.8}			6272	{640}			
	200		1/200		7.5	9	* 621	* {63.4}	* 621	* {63.4}			6272	{640}			
HRTA 150	5	1.5 kW	1/5	2	300	360	41.2	{ 4.2}	34.3	{ 3.5}	568	{58}	2058	{210}	101 102 3	105 106 3	109 110 5
	10		1/10		150	180	83.3	{ 8.5}	69.6	{ 7.1}			2842	{290}			
	15		1/15		100	120	124	{12.7}	104	{10.6}			3234	{330}			
	20		1/20		75	90	166	{16.9}	138	{14.1}			3626	{370}			
	25		1/25		60	72	208	{21.2}	173	{17.7}			4018	{410}			
	30		1/30		50	60	249	{25.4}	208	{21.2}			4508	{460}			
	40		1/40	3	37.5	45	317	{32.3}	264	{26.9}			5292	{540}			
	50		1/50		30	36	396	{40.4}	330	{33.7}			6076	{620}			

Note 1: The actual reduction ratio is shown as the reduction ratio. (They are all integer ratios.)

Note 2: The output shaft revolution rate is calculated by dividing the synchronous motor revolution rate by the reduction ratio.

Note 3: For output shaft arrangement "T" where torque is applied to both shafts, the sum of both torques should be equal to or less than the value shown in the table above. In addition, the O.H.L. on one shaft should be equal to or less than 1/2 of the value shown in the table above.

Note 4: For output shaft arrangement "T", the right and left output shaft keyways are not aligned precisely.

Note 5: The models marked with * are ones for which torque is limited.