Specification Chart

Output	Number of phases	Number of poles	Frequency Hz	Voltage V 50/60/60Hz	Rated current A 50/60/60Hz	Rated revolution r/min 50/60/60Hz	Protection	Cooling method	Rating	Insulation	Brake		
											Type	Rated torque (of motor torque)	Insulation
5.5kW	Three-phase	4	50/60/60 (50/50/60/60)	200/200/220 (380/400/400/440)	15.4/14.4/13.6 (7.8/7.7/7.2/6.8)	1450/1745/1755 (1445/1450/1745/1755)	Totally enclosed (IP44)	Self-managed (JC411)	S1 (Continuous)	130(B)	Non-excitation	At least 150%	Class E

Note 1: The values in parentheses under "Rated current" and "Rated revolution" are for 400 V class.
Note 2: The protective construction for the brake type is IP20.
Note 3: The ratings of the 400 V-class brake-equipped models marked with ※ are 50/60/60 Hz and 400 V class.

Model number		Motor output kW	Actual reduction ratio	Number of reduction steps	Output shaft revolution r/min		Allowable output shaft torque				Allowable output shaft O.H.L.		Drawing number of outline dimensions
							N·m	{kgf·m}	N·m	{kgf·m}			
				H	50Hz	60Hz	50Hz		60Hz		N	{kgf}	
HMTR550	5	5.5	1/5	2	300	360	152	{15.5}	126	{12.9}	4900	{500}	1
	10		1/10		150	180	305	{31.1}	254	{25.9}	5880	{600}	
	15		1/15		100	120	457	{46.6}	380	{38.8}	6860	{700}	
	20		1/20		75	90	609	{62.1}	508	{51.8}	7742	{790}	
	25		1/25	3	60	72	726	{74.1}	606	{61.8}	8134	{830}	
	30		1/30		50	60	871	{88.9}	726	{74.1}	8428	{860}	
	40		1/40		37.5	45	1166	{119}	968	{98.8}	8820	{900}	

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. Calculate the actual output revolution rate from the motor's rated revolution rate.

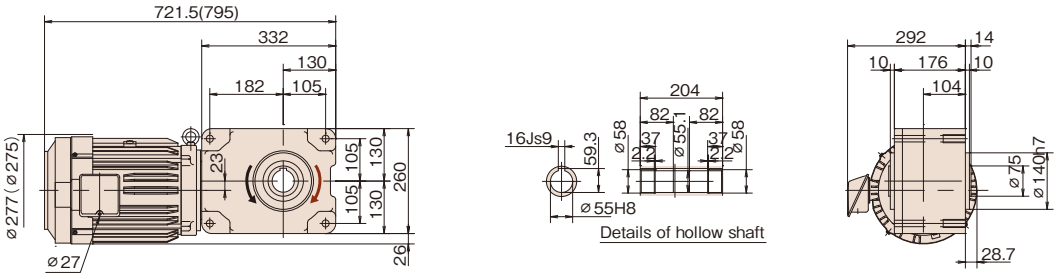
Outline Dimensions

HMTR550-55H5 – 40 (B)

1/5–1/20 、1/25–1/40 **1**

Reduction ratio : 5, 10, 15, 20, 25, 30, 40

Approx. weight : 93.0(108.0)kg



Note 1: The values in parentheses are for brake-equipped models. See page 210 for terminal box specifications.
Note 2: The dimension marked with ※ indicates that part of the motor protrudes from the mounting face.
Note 3: The direction of rotation of the output shaft is based on direction of rotation A shown on page 211.
Note 4: On 400 V-class brake-equipped models, the DC module (HD-120MH1) is placed separately. See page 217 for dimensions.