

750W 3-Phase AC Gear Motor

ATO-GEAR-HV750

Good price 3-phase AC gear motor works at 1 hp rated power, gear ratio 3:1~100:1 for selection, torque 1.1~43.2 kg.m, shaft diameter 28mm/32mm, power supply 1-phase/3-phase 110V/220V/380V, horizontal/vertical installation. 750W electric gear motor can operated with a 90V brake to control power cutting.

Basic Specification

Model	ATO-CH28-750-15-S-G1
Rated Power	750W (1 hp)
Rated Voltage	Single-phase 110V, 50/60Hz Single-phase 220V, 50/60Hz 3-phase 220V, 50/60Hz 3-phase 380-415V, 50/60Hz
Gear Ratio	3:1/ 5:1/ 10:1/ 15:1/ 20:1/ 25:1/ 30:1/ 40:1/ 45:1/ 50:1/ 60:1/ 70:1/ 80:1/ 90:1/ 100:1
Duty	Continuous running
Working Environment	Temperature 10°C~+40°C Humidity ≤90%
Pole	4P (6P)
Working Height	≤1000m
Standard	GB755/IEC-60034

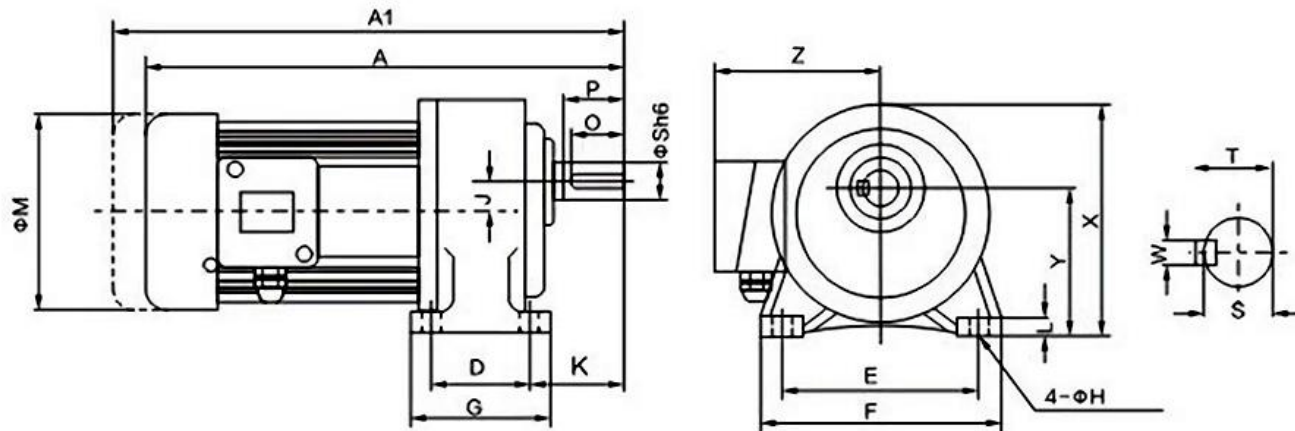
750W AC Gear Motor Load Current Value

Phase	3-Phase							
Frequency	50Hz				60Hz			
Voltage	220V	380V	415V	440V	220V	380V	440V	460V
Current	3.67A	2.13A	1.94A	1.84A	3.40A	1.96A	1.70A	1.63A
Phase	Single-Phase							
Frequency	50Hz				60Hz			
Voltage	110V	115V	220V	230V	110V	115V	220V	230V
Current	11.40A	10.80A	5.80A	5.40A	9.50A	9.00A	4.83A	4.50A

750W AC Gear Motor Output Torque

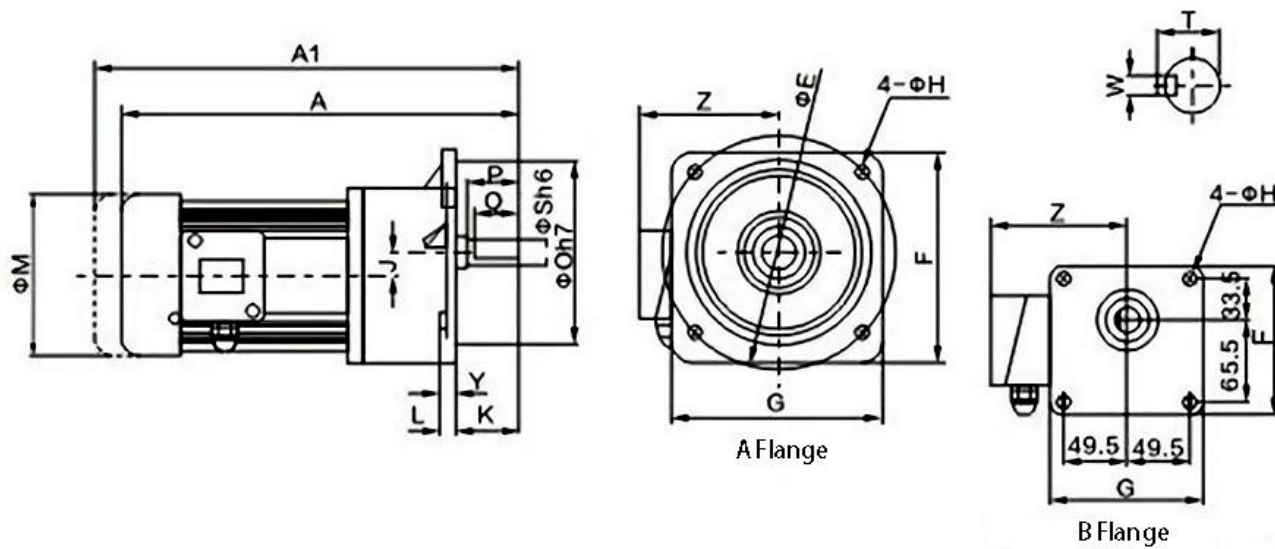
Gear Ratio		3	5	10	15	20	25	30	40	45	50	60	70	80	90	100
Output Speed (rpm)	50Hz	465	300	150	100	75	60	50	37	33	30	25	21	19	17	15
	60Hz	570	360	180	120	90	72	60	45	40	36	30	25	23	20	18
Output Torque (kg.m)	50Hz	1.3	2.2	4.5	6.8	9	11.2	13.5	17.5	20.6	21.9	26.2	31.5	35.5	39.3	43.2
	60Hz	1.1	1.9	3.8	5.7	7.5	9.4	11.3	14.6	17	18.3	21.9	26.3	29.6	32.8	36

750W Horizontal AC Gear Motor Dimensions (Unit: mm)



Gear Ratio	Shaft Diameter	A	D	E	F	G	H	J	K	L	M	X	Y	Z	S	P	Q	W	T	Weight (kg)
3~25	28	380	90	140	178	120	11	20.8	70	14	160	178	116	125	28	45	40	7	31	14.5
30~120	32	415	130	170	200	168	13	30.2	70	18	160	215	138.5	125	32	55	50	10	35	28

750W Vertical AC Gear Motor Dimensions (Unit: mm)



Gear Ratio	Shaft Diameter	A	D	E	F	G	H	J	K	L	M	Y	Z	S	P	Q	W	T	Weight (kg)
3~25	28	380	170	220	218	200	11	20.8	58	14	160	4	125	28	45	40	7	31	15
30~120	32	415	185	255	248	225	13	30	66	16	160	4	125	32	55	50	10	35	26.5