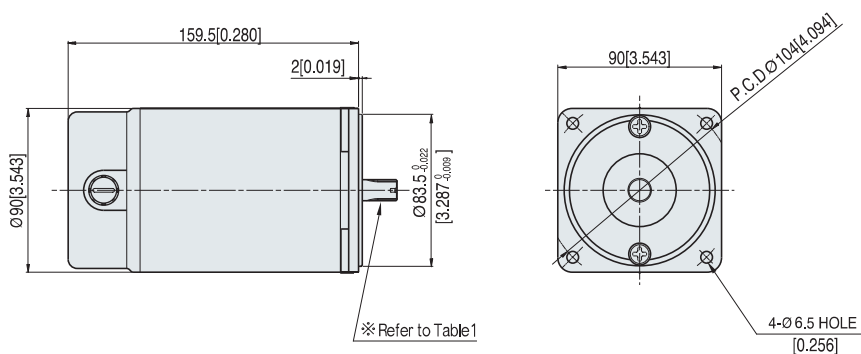




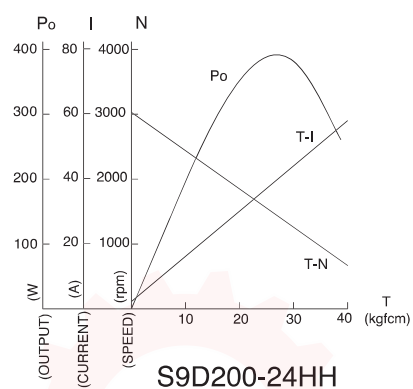
STANDARD TYPE S9D SERIES [200W]

MOTOR DIMENSION

UNIT : mm[inch]



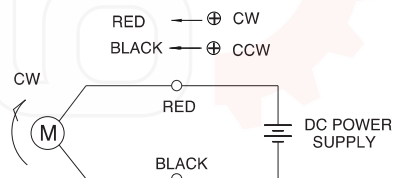
CHARACTERISTIC CURVE



▼ SPEC for output shaft of motor-(Table 1)

MODEL	GEARED TYPE	STRAIGHT TYPE	D-CUT TYPE	KEY TYPE
	S9D300-□HH	S9D300-□S	S9D300-□D	S9D300-□K
TYPE OF OUTPUT SHAFT				

CIRCUIT DIAGRAM



The direction of motor rotation is as viewed from the front shaft end of the motor

MOTOR SPECIFICATION

(Voltage : DC 24V)

Type	Voltage	Output	No Load		At Rated Lod				Run Duty	Weight
			Speed	Current(MAX.)	Speed	Torque		Current		
	V	W	RPM	A	RPM			A	Hr	Kg
S9D200-12□	12	200	3050	3.2	2260	0.843	N-m	27.0	2000	4.5
						119.3	oz-in			
						8.60	kgf · cm			
S9D200-24□	24	200	3050	2.0	2600	0.735	N-m	12.0	2000	4.5
						104.1	oz-in			
						7.50	kgf · cm			
S9D200-90□	90	200	3050	0.5	2670	0.715	N-m	2.8	2000	4.5
						101.3	oz-in			
						7.30	kgf · cm			

* Run duty is valued at rated Voltage and No load

▼ KEY SPEC

PART		WEIGHT:kg(oz)
MOTOR		5.0(176.4)
GEAR HEAD	S9 □ H3B ~S9 □ H10B	1.65(58.2)
	S9 □ H12.5B ~S9 □ H20B	1.80(63.5)
	S9 □ H25B ~S9 □ H60B	1.90(67.0)
	S9 □ H75B ~S9 □ H200B	1.95(68.8)

MODEL	TYPES OF OUTPUT SHAFT
STRAIGHT TYPE	
D-CUT TYPE	
KEY TYPE	

GEAR HEAD	MOTOR

S9D200-90HH

MODEL	GEAR RATIO	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
	No Load rpm	1017	847	610	508	407	339	305	244	203	169	153	122	102	85	76	61	51	41	34	31	25	20	17	15
S9KH0 B	N-m	1,74	2,09	2,90	3,48	4,35	5,22	5,79	6,52	7,82	9,39	10,43	10,56	14,08	16,90	18,77	23,47	28,16	29,40	29,40	29,40	29,40	29,40	29,40	29,40
	oz-in	246,2	295,4	410,3	492,3	615,4	738,5	820,5	923,1	1107,7	1329,3	1477,0	1495,4	1993,9	2392,7	2658,5	3323,2	3987,8	4163,0	4163,0	4163,0	4163,0	4163,0	4163,0	4163,0
	kgf·cm	17,7	21,3	29,6	35,5	44,3	53,2	59,1	66,5	79,8	95,8	106,4	107,8	143,7	172,4	191,6	239,5	287,4	300,0	300,0	300,0	300,0	300,0	300,0	300,0

- The code in ■ of gearhead model is for gear ratio
- It is the permissible torque of the assembled motor and gearhead
The permissible torque of the combination of the regular gearhead and the inter-decimal gearhead is 30kgf · cm.
- ■ color indicates that the output shaft of the geared motor rotates in the same direction as the output shaft of the motor.
Others indicate rotation in the opposite direction.
- No Load rpm equals Motor no load rpm divided by gear ratio. The actual rotation speed is less 2~20% than the displayed value according to the load
- There is no marked the 'L' code for it is an exclusive use.