

□ 80mm sq(3.15in.sq)

D825-30A(12V) / D825-30B(24V)/ D825-30F(90V)

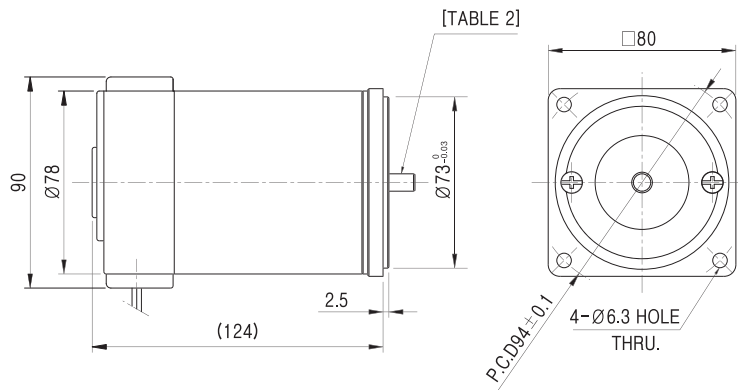


Standard Features

- Adjustable speed and high starting torque
- Replaceable brushes
- Different voltage and speed ratings available
- Models with accessory shaft for mounting a brake, encoder or double ended motor shaft
- Special making as per customer requirement is possible



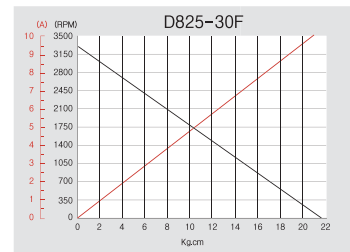
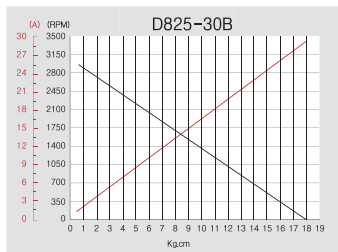
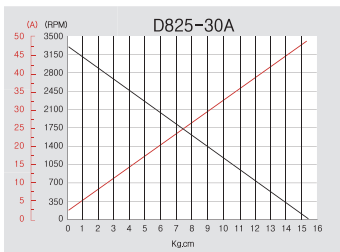
Typical outline drawing



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DC

Performance curve



Specification

MODEL NO.	Voltage (V)	No Load			Rated Load			Stall	
		Speed (r/min)	current (A)	Output (W)	Speed (r/min)	Torque (kgf-cm)	Current (A)	Torque (kgf-cm)	Current (A)
D825-30A	12	3300	1.8	25	3100	0.811	3.3	15.5	48
D825-30B	24	3050	0.8	25	2900	0.811	1.9	18	29
D825-30F	90	3200	0.04	25	3000	0.811	0.35	21.5	10

□80mm
D8HK□□□

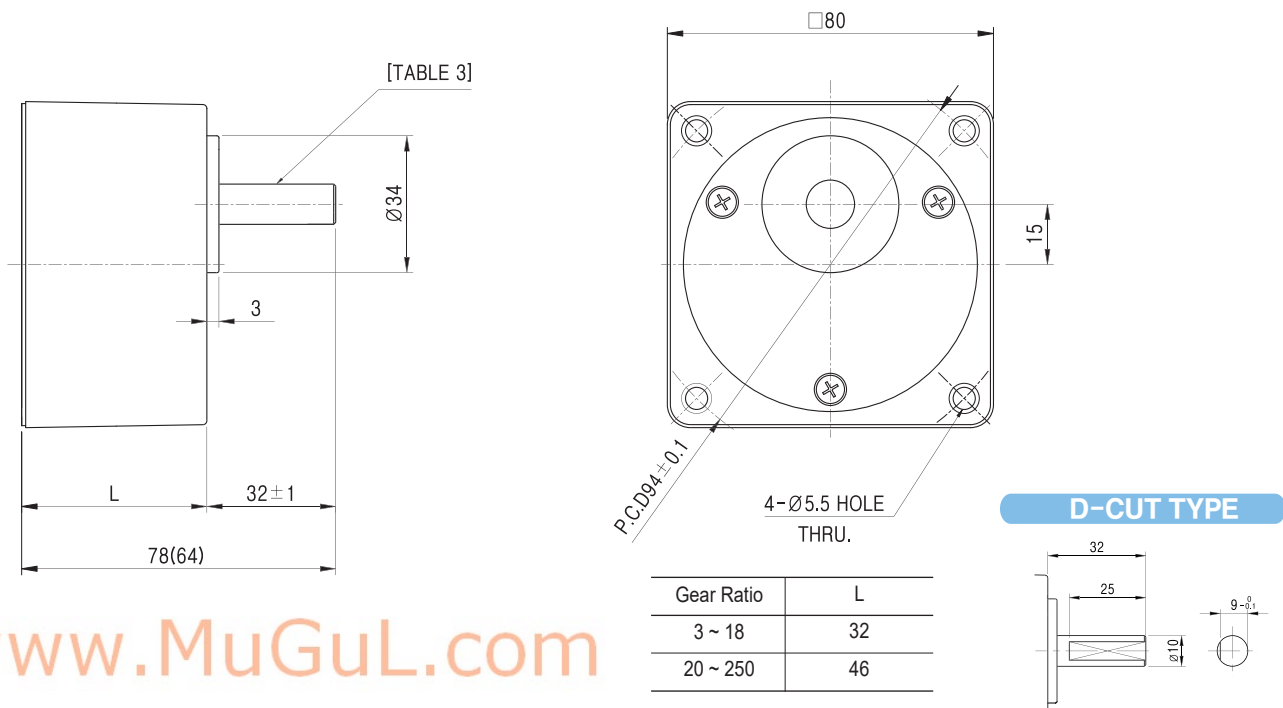


Standard Features

- High Precision, High Efficiency and High Reliability
- Wider varieties for gear ratios and shaft arrangements
- Special making as per customer requirement is possible



Typical outline drawing



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Specification

PERMISSIBLE OVERHUNG LOAD AND PERMISSIBLE THRUST LOAD

Model	Gear Ratio	Permissible overhung load kgf	Permissible thrust load kgf
D8HK □ D8HD □ D8HS □	3 ~ 18	12	5
	20 ~ 200	24	

Maximum permissible torque

UNIT=kgf · cm

Gear Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25
D825-30 □	51.3	61.6	80	80	80	80	80	80	80	80	80	80
D840-30 □	65.6	78.7	80	80	80	80	80	80	80	80	80	80

Gear Ratio	30	36	40	50	60	75	90	100	120	150	180	200
D825-30 □	80	80	80	80	80	80	80	80	80	80	80	80
D840-30 □	80	80	80	80	80	80	80	80	80	80	80	80

Rotation Direction Output shaft in Gearbox

Rotation Direction as per Gear Ratio

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
□80mm	Same	Same	Same	Same	Same	Same	Same	Same	Same	Same	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse

■ The same direction with motor ■ The reverse direction with motor