

Oriental Motor U.S.A. Corp.

1001 Knox St.
 Torrance, CA 90502
 Tel: 800-418-7903 Fax: 800-309-7999
 www.orientalmotor.com

DSC Series Speed Control AC Motors & Gear Motors



The DSC Series features the a high strength Parallel Shaft geared motor, Electromagnetic Brake type for vertical operations or the standard round shaft AC motor, each with a matching AC Input Speed Controller. The DSC Series AC Speed Control packages provide easy installation and many performance advantages with high reliability. Unique to Oriental Motor, the DSC Series offers closed loop control. The display and digital setting features are build-in to this compact driver.

- Frame sizes from 2.36 in to 3.54 in.
- Output power from 6 W (1/125 HP) to 90 W (1/8 HP)
- Variable speed ranges from 0.25 ~ 3.8 r/min to 90 ~ 1600 r/min
- Digital display built into the controller



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Item #	Frame Size	Output Power	Power Supply	Shaft/Gear Type	Gear Ratio (X:1)	Output Shaft Diameter	Electromagnetic Brake	Permissible Torque	Variable Speed Range (r/min)	Web Price
DSCI26UA-5A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	5 :1	3/8 in.	Not Equipped	2 lb-in	18 ~ 320	\$249.90
DSCI26UA-6A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	6 :1	3/8 in.	Not Equipped	2.3 lb-in	15 ~ 266	\$249.90
DSCI26UA-7.5A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	7.50 :1	3/8 in.	Not Equipped	3 lb-in	12 ~ 213	\$249.90
DSCI26UA-9A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	9 :1	3/8 in.	Not Equipped	3.6 lb-in	10 ~ 177	\$249.90
DSCI26UA-12.5A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	12.50 :1	3/8 in.	Not Equipped	4.9 lb-in	7.2 ~ 128	\$249.90
DSCI26UA-15A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	15 :1	3/8 in.	Not Equipped	6 lb-in	6 ~ 106	\$249.90
DSCI26UA-18A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	18 :1	3/8 in.	Not Equipped	7.1 lb-in	5 ~ 88	\$249.90
DSCI26UA-25A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	25 :1	3/8 in.	Not Equipped	9.7 lb-in	3.6 ~ 64	\$255.00
DSCI26UA-30A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	30 :1	3/8 in.	Not Equipped	11.5 lb-in	3 ~ 53	\$255.00
DSCI26UA-36A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	36 :1	3/8 in.	Not Equipped	13.2 lb-in	2.5 ~ 44	\$255.00
DSCI26UA-50A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	50 :1	3/8 in.	Not Equipped	19.4 lb-in	1.8 ~ 32	\$260.95
DSCI26UA-60A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	60 :1	3/8 in.	Not Equipped	23 lb-in	1.5 ~ 26	\$260.95
DSCI26UA-75A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	75 :1	3/8 in.	Not Equipped	28 lb-in	1.2 ~ 21	\$260.95
DSCI26UA-90A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	90 :1	3/8 in.	Not Equipped	34 lb-in	1 ~ 17.7	\$260.95
DSCI26UA-100A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	100 :1	3/8 in.	Not Equipped	38 lb-in	0.9 ~ 16	\$260.95
DSCI26UA-120A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	120 :1	3/8 in.	Not Equipped	46 lb-in	0.75 ~ 13.3	\$260.95
DSCI26UA-150A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	150 :1	3/8 in.	Not Equipped	53 lb-in	0.6 ~ 10.6	\$260.95
DSCI26UA-180A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	180 :1	3/8 in.	Not Equipped	53 lb-in	0.5 ~ 8.8	\$260.95
DSCI26UA-250A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	250 :1	3/8 in.	Not Equipped	53 lb-in	0.36 ~ 6.4	\$300.05

DSCI26UA-300A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	300 :1	3/8 in.	Not Equipped	53 lb-in	0.3 ~ 5.3	\$300.05
DSCI26UA-360A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	360 :1	3/8 in.	Not Equipped	53 lb-in	0.25 ~ 4.4	\$300.05
DSCI26EC-5A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	5 :1	3/8 in.	Not Equipped	1.85 lb-in [50 Hz] 2 lb-in2.3	18 ~ 280 [50 Hz] 18 ~ 320 [60 Hz]	\$252.45
DSCI26EC-6A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	6 :1	3/8 in.	Not Equipped	2.2 lb-in [50 Hz] 2.3 lb-in3	15 ~ 233 [50 Hz] 15 ~ 266 [60 Hz]	\$252.45
DSCI26EC-7.5A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	7.50 :1	3/8 in.	Not Equipped	2.7 lb-in [50 Hz] 3 lb-in3.6	12 ~ 186 [50 Hz] 12 ~ 213 [60 Hz]	\$252.45
DSCI26EC-9A-3V	2.36 in	6 W (1/125 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	9 :1	3/8 in.	Not Equipped	3.2 lb-in [50 Hz] 3.6 lb-in4.9	10 ~ 155 [50 Hz] 10 ~ 177 [60 Hz]	\$252.45

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