



90 W (1/8 HP) DSC Series Speed Control Motor Packages



The DSC Series features the a high strength Parallel Shaft geared motor, Electromagnetic Brake type for vertical operations with built-in deceleration functions 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.

- 90 W (1/8 HP)
 - 3.54 in. (90 mm) Frame Size
 - Imperial or Metric Output Shafts
 - Permissible Torque
 - Round Shaft = 103 oz-in (730 mN·m)
 - Parallel Shaft Gear = 29 ~ 350 lb-in (3.3 ~ 40 N·m)
 - Right-Angle Solid / Hollow Shaft Gear = 36 ~ 470 lb-in (4.1 ~ 53.9 N·m)
 - Brake Types Available
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Item #	Frame Size	Output Power	Power Supply	Shaft/Gear Type	Gear Ratio (X:1)	Output Shaft Diameter
SCM590GVR-UA / 5GVR5B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	5 :1	18 mm
SCM590GVR-UA / 5GVR6B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	6 :1	18 mm
SCM590GVR-UA / 5GVR7.5B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	7.5 :1	18 mm
SCM590GVR-UA / 5GVR9B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	9 :1	18 mm
SCM590GVR-UA / 5GVR12.5B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	12.5 :1	18 mm
SCM590GVR-UA / 5GVR15B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	15 :1	18 mm
SCM590GVR-UA / 5GVR18B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	18 :1	18 mm
SCM590GVR-UA / 5GVR25B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	25 :1	18 mm
SCM590GVR-UA / 5GVR30B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	30 :1	18 mm
SCM590GVR-UA / 5GVR36B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	36 :1	18 mm

Item #	Frame Size	Output Power	Power Supply	Shaft/Gear Type	Gear Ratio (X:1)	Output Shaft Diameter
SCM590GVR-UA / 5GVR50B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	50 :1	18 mm
SCM590GVR-UA / 5GVR60B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	60 :1	18 mm
SCM590GVR-UA / 5GVR75B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	75 :1	18 mm
SCM590GVR-UA / 5GVR90B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	90 :1	18 mm
SCM590GVR-UA / 5GVR100B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	100 :1	18 mm
SCM590GVR-UA / 5GVR120B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	120 :1	18 mm
SCM590GVR-UA / 5GVR150B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	150 :1	18 mm
SCM590GVR-UA / 5GVR180B / DSCD90UA	3.54 in	90 W (1/8 HP)	Single-Phase 110/115 VAC	Parallel Shaft Gearhead	180 :1	18 mm
SCM590GVR-EC / 5GVR5B / DSCD90EC	3.54 in	90 W (1/8 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	5 :1	18 mm

Item #	Frame Size	Output Power	Power Supply	Shaft/Gear Type	Gear Ratio (X:1)	Output Shaft Diameter
SCM590GVR-EC / 5GVR6B / DSCD90EC	3.54 in	90 W (1/8 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	6 :1	18 mm
SCM590GVR-EC / 5GVR7.5B / DSCD90EC	3.54 in	90 W (1/8 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	7.5 :1	18 mm
SCM590GVR-EC / 5GVR9B / DSCD90EC	3.54 in	90 W (1/8 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	9 :1	18 mm
SCM590GVR-EC / 5GVR12.5B / DSCD90EC	3.54 in	90 W (1/8 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	12.5 :1	18 mm
SCM590GVR-EC / 5GVR15B / DSCD90EC	3.54 in	90 W (1/8 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	15 :1	18 mm
SCM590GVR-EC / 5GVR18B / DSCD90EC	3.54 in	90 W (1/8 HP)	Single-Phase 220/230 VAC	Parallel Shaft Gearhead	18 :1	18 mm