

115, 230, and 115/230VAC Permanent Split Capacitor Parallel-Shaft Gearmotors

Note: Ratings shown are at 60 Hz. 60/50-Hz gearmotors are also operable at 50 Hz. with HP and rpm at 5/6 of the 60-Hz rating. 62081, 62082, 62083, 6A197, 62084, and 6A196 are operable at 60 Hz only.

A.

- Gearcase: die-cast aluminum
- Lubrication: permanent heavy gear oil
- Gears: 1st stage steel, subsequent stages steel or heat-treated powdered metal
- Bearings: Heavy-duty needle on case; ball on motor
- Mounting: all-position (optional mounting bracket 2A754)
- Rotation: reversible
- Thermal protection: none;
- impedance on 6Z073 to 6Z076
- Ambient: 40°C
- Brake: adaptable to 5X400 (sold separately on Grainger.com)

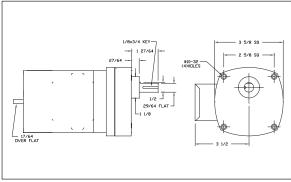
B.

- Enclosure: totally enclosed, nonventilated
- Gearcase: CNC machined, die-cast aluminum
- Lubrication: grease-filled
- Gears: first stage high-strength polymer and powdered metal
- Bearings: ball bearings for motor, needle for output shaft
- Mounting: all-position (optional mounting bracket 2A754)
- Rotation: reversible
- Thermal protection: none
- Ambient: 40°C
- Brake: adaptable to 5X400 (sold separately on Grainger.com)

C.

- Enclosure: totally enclosed, nonventilated
- Gearcase: die-cast zinc
- Lubrication: grease-filled
- Gears: steel, 1st stage acetal
- Bearings: sleeve on case; ball on motor
- Mounting: all-position
- Rotation: reversible
- Thermal protection: none
- Ambient: 40°C

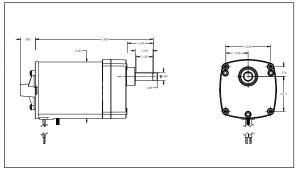






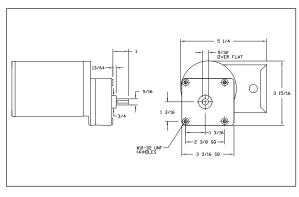
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B.





C.



					_		Length				
Key	Nameplate RPM	Max. Torque	Overhung Load	Input HP	Gear Ratio	Full Load Amps	Less Shaft	Capacitor Req.	Item No.		
Open, 115V AC, 60/50 Hz											
	1.2 RPM	100 in-lb	90 lb	1/80 hp	1369:1	0.3	7 1/4 in	2MDV3	6Z073		
	2.3 RPM	100 in-lb	90 lb	1/80 hp	702:1	0.3	7 1/4 in	2MDV3	6Z074		
	4.5 RPM	100 in-lb	90 lb	1/80 hp	361:1	0.3	7 1/4 in	2MDV3	6Z075		
	8.8 RPM	76 in-lb	90 lb	1/80 hp	186:1	0.3	7 1/4 in	2MDV3	6Z076		
Α	16 RPM	100 in-lb	90 lb	1/20 hp	96:1	0.62	7 % in	2MDV6	6Z077		
	32 RPM	96 in-lb	90 lb	1/20 hp	49:1	0.62	7 % in	2MDV6	6Z078		
	63 RPM	49 in-lb	90 lb	1/20 hp	25:1	0.62	7 % in	2MDV6	6Z079		
	95 RPM	30 in-lb	90 lb	½0 hp	17:1	0.62	7 % in	2MDV6	6A195		
	124 RPM	25 in-lb	90 lb	1/20 hp	13:1	0.62	7 % in	2MDV6	6Z080		
Open	1, 230V AC, 60										
	1.2 RPM	100 in-lb	90 lb	1/80 hp	1369:1	0.2	7 1/8 in	Included	1L532		
	2.3 RPM	100 in-lb	90 lb	1/80 hp	702:1	0.2	7 % in	Included	1L525		
A	4.5 RPM	100 in-lb	90 lb	1/80 hp	362:1	0.2	7 % in	Included	1L522		
	8.8 RPM	76 in-lb	90 lb	1/80 hp	186:1	0.2	7 % in	Included	1L519		
	17 RPM	100 in-lb	90 lb	½0 hp	96:1	0.3	8 ¼ in	Included	1L526		
	32 RPM	86 in-lb	90 lb	1/20 hp	49:1	0.3	8 1/4 in	Included	1L524		
	63 RPM	46 in-lb	90 lb	½0 hp	25:1	0.3	8 ¼ in	Included	1L521		
	95 RPM	30 in-lb	90 lb	½0 hp	17:1	0.3	8 ¼ in	Included	1L518		
TEN\	<i>i</i> , 115V AC, 60	Hz									
	17 RPM	100 in-lb	90 lb	½0 hp	96:1	0.6	7 % in	2MDV6	6Z081		
Α	33 RPM	96 in-lb	90 lb	1/20 hp	49:1	0.6	7 % in	2MDV6	6Z082		
	63 RPM	49 in-lb	90 lb	1/20 hp	25:1	0.6	7 % in	2MDV6	6Z083		
	95 RPM	30 in-lb	90 lb	½0 hp	17:1	0.6	7 % in	2MDV6	6A197		
	124 RPM	25 in-lb	90 lb	1/20 hp	13:1	0.6	7 % in	2MDV6	6Z084		
	154 RPM	20 in-lb	90 lb	1/20 hp	10:1	0.6	7 % in	2MDV6	6A196		

V	Nameplate RPM	Max.	Overhung Load	Input HP		Full Load	Length Less	Capacitor			
Key	I, 230V AC, 60	Torque 1/50 Hz	Luau	пг	Ratio	Amps	Shaft	Req.	No.		
12111	17 RPM	100 in-lb	90 lb	1/20 hp	96:1	0.3	8 in	Included	1L527		
	32 RPM	86 in-lb	90 lb	1/20 hp	49:1	0.3	8 in	Included	1L523		
	63 RPM	46 in-lb	90 lb	1/20 hp	25:1	0.3	8 in	Included	1L520		
Α	95 RPM	30 in-lb	90 lb	1/20 hp	17:1	0.3	8 in	Included	1L517		
	124 RPM	25 in-lb	90 lb	1/20 hp	13:1	0.3	8 in	Included	1L530		
	154 RPM	18 in-lb	90 lb	1/20 hp	10:1	0.3	8 in	Included	1L528		
TEN	TENV, 115V AC, 60/50 Hz										
	16 RPM	67 in-lb	50 lb	½5 hp	106:1	0.52	6 1/3 in	2MDV4	453R93		
	29 RPM	50 in-lb	50 lb	1/25 hp	58.5:1	0.51	6 1/3 in	2MDV4	453R94		
В	60 RPM	30 in-lb	50 lb	1/25 hp	28.3:1	0.52	6 1/3 in	2MDV4	453R95		
D	105 RPM	20 in-lb	50 lb	1/25 hp	15.9:1	0.53	6 1/3 in	2MDV4	453R96		
	139 RPM	14 in-lb	50 lb	1/25 hp	12.1:1	0.52	6 1/3 in	2MDV4	453R97		
	164 RPM	12 in-lb	50 lb	1/25 hp	10.2:1	0.52	6 1/3 in	2MDV4	453R98		
TENV	I, 115/230V AC	C, 60/50 Hz									
	4 RPM	50 in-lb	50 lb	1/20 hp	491:1	0.62/0.33	6 1/8 in	Included	1LPU6		
	7 RPM	50 in-lb	50 lb	1/20 hp	239:1	0.62/0.33	6 1/8 in	Included	1LPU7		
C	36 RPM	50 in-lb	50 lb	1/20 hp	47:1	0.62/0.33	5 ¾ in	Included	1LPU8		
U	68 RPM	30 in-lb	50 lb	½0 hp	26:1	0.62/0.33	5 ¾ in	Included	1LPU9		
	96 RPM	20 in-lb	50 lb	1/20 hp	18:1	0.62/0.33	5 ¾ in	Included	1LPV1		
	181 RPM	12 in-lb	50 lb	1/20 hp	10:1	0.62/0.33	5 ¾ in	Included	1LPV2		
		Descriptio	For Use With			Item No.					
	essories										
L-Shaped Mounting Bracket A and B Gearmotors									2A754		
Con	duit Box		A and B Gearmotors			4JV45					