

Sadoun Satellite Sales

HH Motor Mount Comparison

	SM3D22	SG2100	HH90	HH100	HH120	H180
Operating protocol	DiSEqC 1.2, Go-to-X	DiSEqC 1.2, Go-to-X	DiSEqC 1.2, Go-to-X	DiSEqC 1.2, Go-to-X	DiSEqC 1.2, Go-to-X	DiSEqC 1.2
Horizontal Rotation	±50°	±75°	±65°	±62°	±62°	±80°
Maximum Dish diameter	120 cm Aluminum or 95 cm Steel	120 cm Aluminum or 95 cm Steel	95 cm Steel	100 cm Steel	120 cm Steel	180 cm Steel
Programmable positions available	50 satellites	60 satellites	49 satellites	49 satellites	49 satellites	
Maximum Dish Weight	12 Kg (26.5 lbs)	Unknown	10 Kg (22 lbs)	12 Kg (26.5 lbs)	17 Kg (37.5 lbs)	27 Kg (59 lbs)
Pole support diameter	Dia 35 to 68mm	Dia 35 to 68mm	Dia 35 to 68mm	Dia 50 to 83 mm	Dia 50 to 83 mm	Dia 55 to 72 mm
Antenna support length	120 mm		145 mm (5.5")	125 mm (4.9")	180 mm (7")	
Motor pole diameter	40 mm (1 5/8")	40 mm (1 5/8")	40 mm (1 5/8")	54 mm (2 1/8")	54 mm (2 1/8")	
Rotation speed	2.3°/s (18V) 1.7°/s (14V) ±25%	2.5°/s (18V) 1.9°/s (14V) ±25%	2.4°/s (18V);1.5°/s (13V)	1.8°/s(18V);1.2°/s(13V)	0.7°/s (18V);0.4°/s(13V)	1.8° / sec
Powered via a coaxial cable	13 / 18 Vdc	13 / 18 Vdc	13 / 18 Vdc	13 / 18 Vdc	13 / 18 Vdc	36V
Power consumption (stand-by)	15 mA ±25%	50 mA	40 mA	30 mA	30 mA	
Power consumption (Normal)	150 mA ±25%	200mA	180 mA	190 mA	190 mA	350 mA
Power consumption (Max)	350 mA	350 mA	350 mA	350 mA	350 mA	750 mA
Operating temperature	-25°C to +70°C	-25°C to +70°C	-40°C ÷ +80°C	-40°C ÷ +80°C	-40°C ÷ +80°C	-25°C to +70°C
Operating humidity	35% to 100%	35% to 100%	35% to 100%	35% to 100%	35% to 100%	35% to 100%
Connectors F type	7 mm	7 mm	7 mm	7 mm	7 mm	
Positioning Sensor		Hall Effect Sensor				
Fine tuning step	0.36°	Unknown	0.1°	0.1°	0.1°	
Weight with box	2.7 kg (6 lbs)	2.7 kg (6 lbs)	2.6 Kg (5.5 lbs)	3 Kg (6.6 lbs)	3.2 Kg (7 lbs)	
Control buttons	two (west-call and east-store)	One (west-call and east-store)	None	None	None	None
Internal Gears	Metal	Plastic	Metal	Metal	Metal	Metal
Mfg Warranty	1 Year	1 Year	3 Year	3 Year	3 Year	1 Year

Source: Sadoun Satellite Sales
www.sadoun.com