



Worm Gear Motor

WGM555

- Small size dc gear motor with low speed and big torque
- 40×58mm gear motor provide 1.0Nm torque and more reliable
- Suitable to small diameter, low noise and big torque application
- Dc Gear motors can match encoder, 11ppr
- Reduction Ratio: 81、135、207、405、621



Motor Technical Data

Motor model No.	Rated voltage	No-load speed	No-load current	Rated speed	Rated torque	Rated current	Output power	Stall torque	Stall current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
RS-555-1233	12	3300	200	2800	200	1000	5.7	1150	5.5
RS-555-1260	12	6000	300	5250	290	2400	16	2200	15.0
RS-555-2440	24	4000	150	3150	200	700	6.4	1000	2.7

Motor with Gearbox	WGM555-1233-XXX					WGM555-1260-XXX				
Reduction ratio	81	135	207	405	621	81	135	207	405	621
Length mm	58	58	58	58	58	58	58	58	58	58
No-load speed rpm	38	24	16	8	5	70	43	29	15	10
Rated speed rpm	34	21	14	7	5	65	39	26	14	9
Rated torque kg.cm	10	10	10	10	10	10	10	10	10	10
Max.momentary tolerance torque kg.cm	15	15	15	15	15	15	15	15	15	15

Motor with Gearbox	WGM555-2440-XXX									
Reduction ratio	81	135	207	405	621					
Length mm	58	58	58	58	58					
No-load speed rpm	47	28	19	10	6					
Rated speed rpm	39	24	16	8	5					
Rated torque kg.cm	10	10	10	10	10					
Max.momentary tolerance torque kg.cm	15	15	15	15	15					

*** Note: It's only typical technical data, special requirement can be customized.**

Mechanical Dimensions

