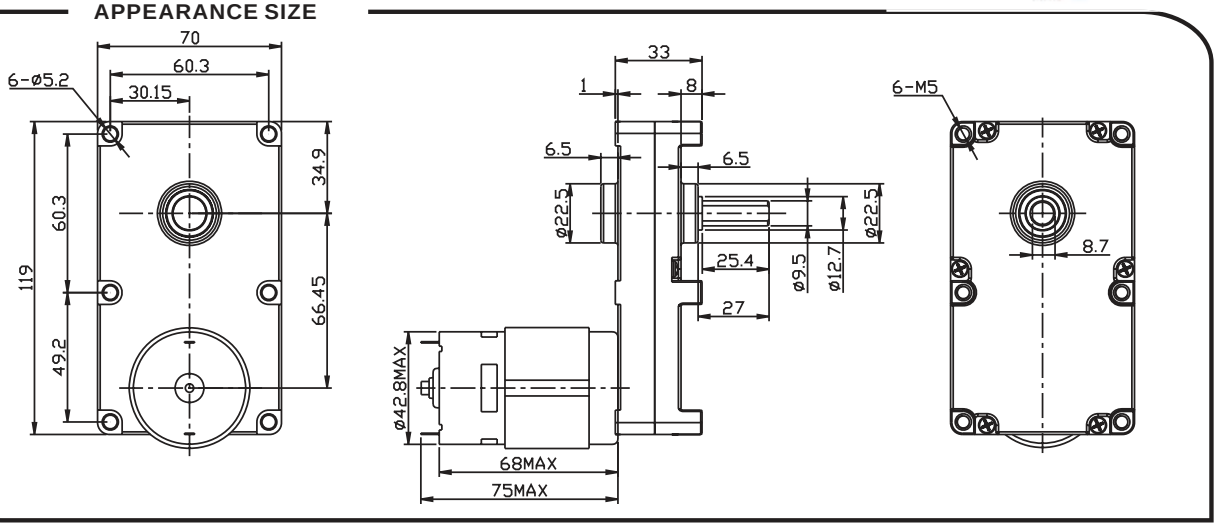
GF-775 DC GEAR MOTOR Series

APPEARANCE SIZE



Gearbox data:

Number of stages	4 stages reduction	4 stages reduction	5 stages reduction	6 stages reduction
Reduction ratio	251	389、590、722、897	1269、1601、1929	3385、5078
Max. Running torque	30Kgf • cm	50Kgf • cm	80Kgf • cm	100Kgf • cm
Max. Gear breaking torque	90Kgf • cm	150Kgf • cm	240Kgf • cm	300Kgf • cm
Max.Gearing efficiency	65%	65%	59%	53%
Other reduction ratio please telephone or e-mail to our engineering department.				

Motor data:

Motor name	Rated Volt. V	No load		Load torque				Stall torque	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
		mA	r/min	mA	r/min	gf • cm	W	gf • cm	A
RS775123000	12	≤220	3000	≤1000	2200	350	7.7	1400	3.5
RS77512400	12	≤450	4500	≤2000	3300	500	16.5	2000	6.5
RS775126000	12	≤900	6000	≤4000	4500	750	34	3000	13.0
RS775243000	24	≤110	3000	≤500	2200	350	7.7	1400	1.8
RS775244500	24	≤230	4500	≤1000	3300	500	16.5	2000	3.3
RS775246000	24	≤450	6000	≤2000	4500	750	34	3000	7.0

1、This table lists some motors parameters,others please refer to specific parameters of Page 149.
2、After connecting motor and gearbox which isnamed gearmotor the output torque:motor torque X reduction ratio X gearing efficiency;output speed:motor speed /reduction ratio.

NOTE:

1、Gearmotor named methods: e.g. GF-775123000-722K Motor please refer to the motor data RS-775123000.Gearbox please refer to gearbox data reduction ratio 722.Related to gearmotor output speed and torque please refer to motor data.
2、Motor can be installed with magnetic encorder,encorder parameters please refer to Page 141.
3、Gearbox shell material:zinc alloy.
4、Gearbox gear materials: The first stage gear:plastic gear.The final stage gear:45# steel Heat-treatment gear.Other stages gear:powder metallurgy gear.
5、Standard output shaft after reducing:Φ9.5mm.other sizes of the output shaft can make as client request.
6、Chart only for reference,products shall prevail the entity.