



WINTECH PRECISION INDUSTRIAL LTD.
永騰精密實業有限公司

METAL GEARBOX MOTORS

GM20 SERIES

Typical Applications:

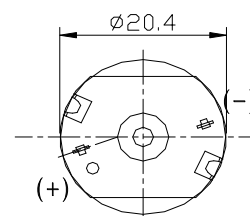
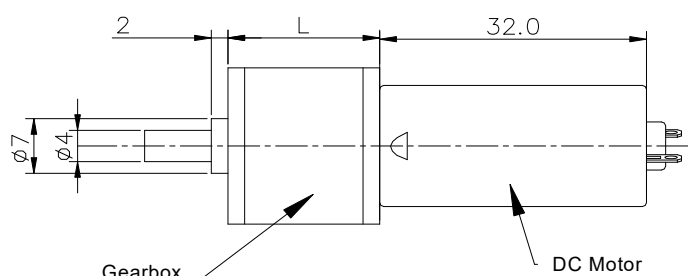
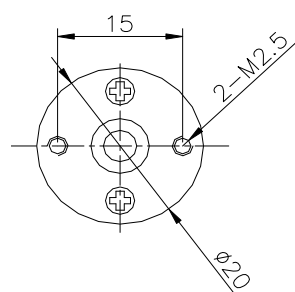
Toys & Models

Household Appliances

Power Lock



WEIGHT 60.0 g (APPROX)



UNIT : mm

DC MOTOR TYPE	DC MOTOR SIZE (Unit:mm)
F130	Dia.20.4 x 15.5 x 25.0
F180	Dia.20.4 x 15.5 x 32.0

GEAR RATIO	GEARBOX LENGTH (Unit:mm)
1 : 6	16.2
1 : 31	16.2
1 : 191	18.2
1 : 459	20.0

MODEL	VOLTAGE		NO LOAD		AT MAX.EFFICIENCY					STALL	
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	EFF.	CURRENT	TORQUE
			rpm	A	rpm	A	Kg-cm	W	%	A	Kg-cm
GM20F13031-8.5	3.0~6.0V	6.0V	85	0.04	65	0.06	0.12	0.65	12.9	0.16	0.4
GM20F180191-8.5	3.0~6.0V	4.5V	18	0.09	14	0.16	0.59	1.03	22.0	0.65	7.2

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[Http://www.wintechprecision.com](http://www.wintechprecision.com)