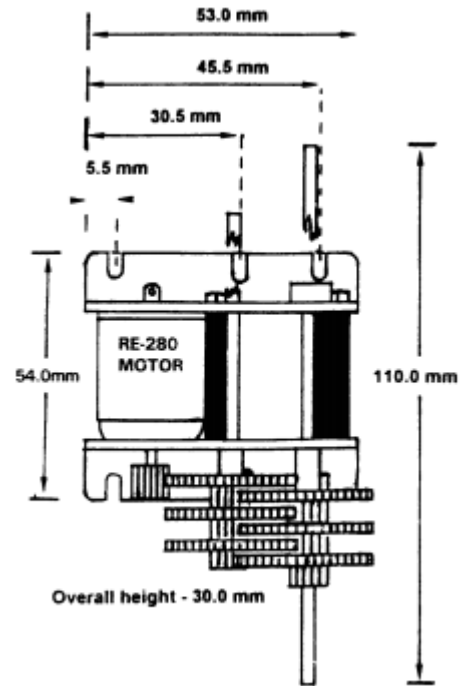


Datasheet RS Pro Multi Ratio Gearbox

Stock No: 238-9822



The unit operates on 12-24v D.C. power sources, either battery or suitable transformer. Its simple versatile design and sturdy construction make it suitable for a host of uses from powering models and robots to teaching the principles of mechanics. Current consumption depends on eventual load but is within the range 0.2 to 0.8n amps.
Gearbox comes assembled (RE 280/1 Motor)

Voltage		No Load		At Maximum Efficiency					
Operating Range	Nominal	Speed	Current	Speed	Current	Torque		Output	Eff
		R.P.M.	A	R.P.M.	A	OZ - IN	G - CM	W	%
12 - 24	12 V Constant	8400	0.100	6300	0.30	0.347	25.00	1.62	44.87

Stall Torque		Weight
OZ - IN	G - CM	76g
1.389	100.0	

REDUCTION TABLE R.P.M.

	12V	15V	18V	24V
4:1	2100	2625	3150	4199
16:1	525	656	787	1050
64:1	131	164	196	261
256:1	33	42	50	67
1024:1	8	10	12	16
4096:1	2	2	3	4