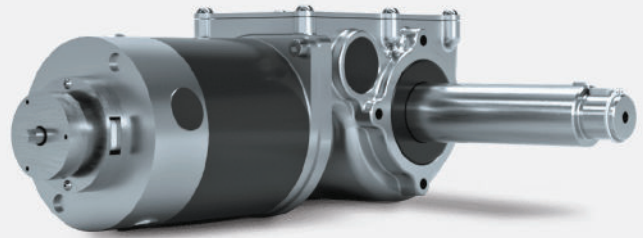


# PLUTO

Right Angle Worm Drive for Stair Lifts



Stair  
Lift



## FEATURES

**Motors:** Permanent magnet DC 4-pole, 3.98 in [101 mm] diameter, brushless DC option

**Voltage:** 24V to 36V DC

**Optional components:** Electromagnetic power-off brake, internal encoder

**Encoder options available:** Digital position and motion information

**Output shaft:** Hardened carbon steel

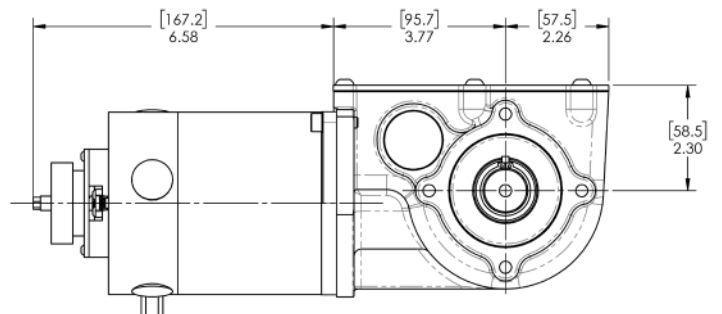
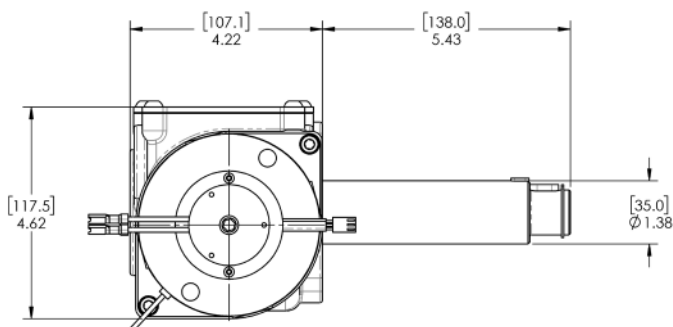
**Reduction ratio:** 72:1

**Weight capacity:** 350 lbs [159 kg]

## PERFORMANCE EXAMPLES

Low Power			
	No Load	Peak Efficiency	Peak Power
Torque, Nm	0	26	132
Speed, rpm	35	31	17
Current, Amps	1.5	11.3	50.5
Power Out, Watts	0	86	239
Power In, Watts	36	271	1211
Efficiency, %	0	32	20

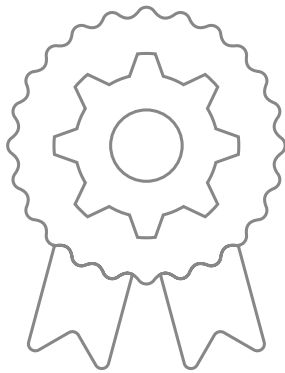
High Power			
	No Load	Peak Efficiency	Peak Power
Torque, Nm	0	30	100
Speed, rpm	59	50	30
Current, Amps	3.2	16.7	48.1
Power Out, Watts	0	159	314
Power In, Watts	114	600	1732
Efficiency, %	0	27	18





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