

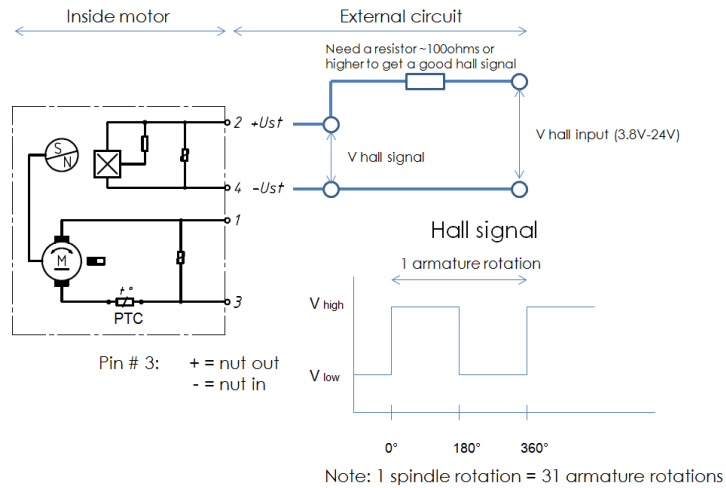
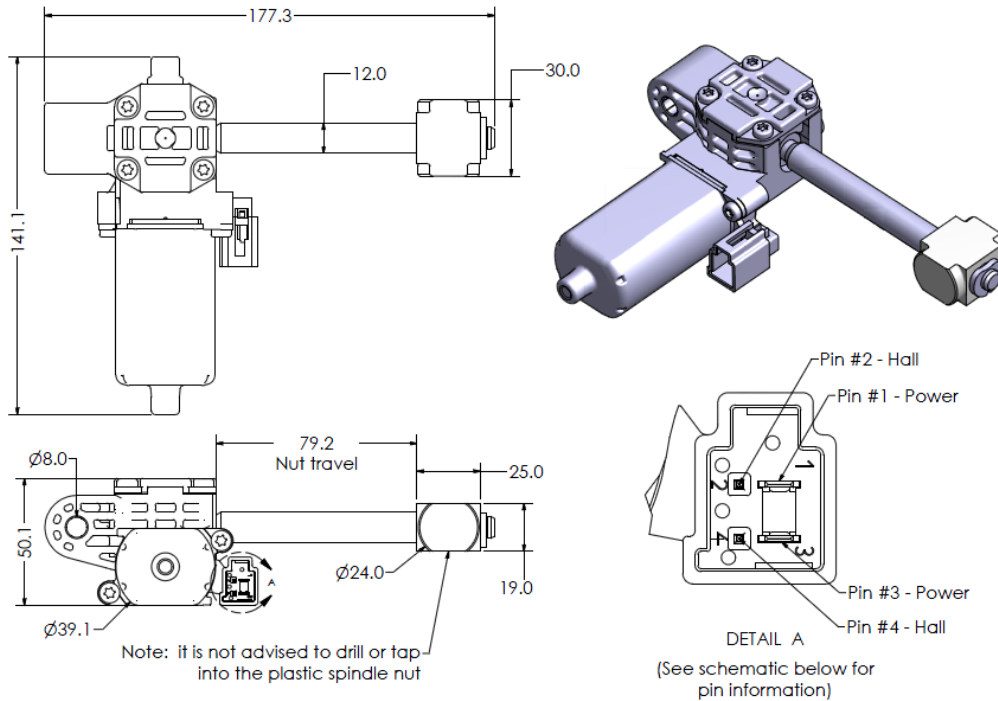
Bosch Spindle drive for FRC donation (PN 6 004 RA3 353-01)



BOSCH

www.bosch.us

Note: All dimensions in mm



CRITERIA	VALUE (metric)	VALUE (SAE)
No load speed (armature)	6500 RPM	
No load speed (@ nut)	8.3 mm/s	0.33 in/s
conversion spindle RPM to nut	1 rev = 2.5 mm	1 rev = .1 in
No load current	3 A	
Stall Force - Push direction	4500 N	1012 lbs
Stall Force - Pull direction	3000 N	675 lbs
Average stall Current	18 A	
Max stall current	21 A	
motor gear ratio	31:1	
Weight	500g	1.1 lbs