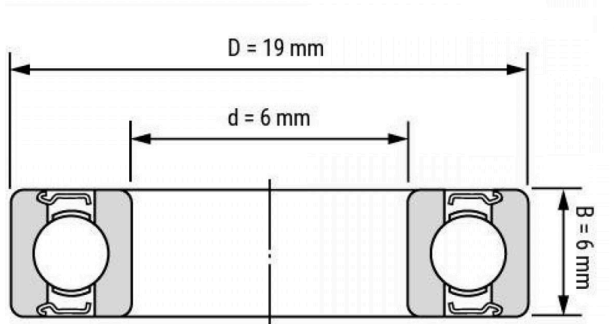
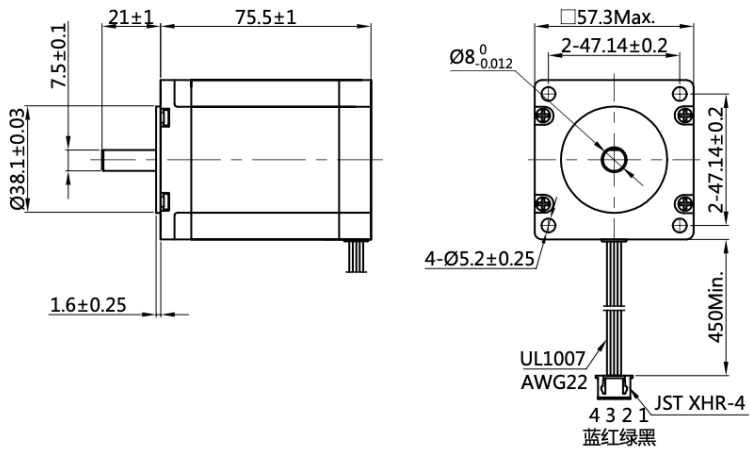


Ball Bearings:



Stepper:



Gear Ratio:

$GR = \frac{\text{Ø}_{out}}{\text{Ø}_{in}}$
 $RPM_{out} = RPM_{in} / GR$

$RPM_{in} = 500 \text{ max ???}$

$GR = \frac{100}{30} = 3,3$
 $500/5 = 150RPM \text{ (max)}$

$GR = \frac{150}{30} = 5$
 $500/5 = 100RPM \text{ (max)}$

$GR = \frac{200}{30} = 6,67$
 $500/6,67 \approx 75RPM \text{ (max)}$

$GR = \frac{120}{20} = 6$
 $500/6,5 \approx 83RPM \text{ (max)}$

All measurements in mm
Drawing to size

Rotating Platform V1

LIVING LAB @ Random Studio

Thomas Kaufmanas oct 24'