MAGWING 10
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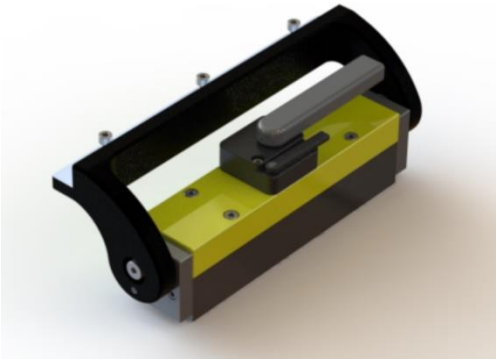
Summary

Pairs of MagWings can be anchored flat or pivoted to allow mounting to cylindrical ferromagnetic surfaces. Customers can design their own bases for the MagWing to mount drills, COBOTs or other tools to make work faster, safer and easier. Included hardware (M8x1.25 screws and two 8mm dowel pins) should be used to attach custom bases to MagWings. Refer to the dimensional drawing below for fastener locations. Consult our Applications Team for help with sizing for COBOT applications as we will consider payload, reach, mounting surface and attitude.



Custom mounting plate, bolt and dowel patterns can be incorporated. Contact Magswitch for more information.

Specifications

Nominal Maximum Breakaway Force [1,2,4]	11036 N	
Nominal Maximum Shear [1,2,4]	2423 N	
Full Saturation Thickness	0.5 in	12.7 mm
Net Weight	29.5 lbs	13.4 kg
Individual Magnetic Pole Footprint	2.8"x11.7"	71mmx296mm
Overall Footprint	14.8"x5.6"x5.5"	376mmx142.7mmx138.5mm

WARNING!
Do Not Operate Unless In Contact With Ferrous Target

Material Thickness - mm (in)	1.5 (0.059)	1.9 (0.075)	2.7 (0.106)	3 (0.118)	3.5 (0.138)	4.76 (0.187)	6.35 (0.250)	9.53 (0.375)	12.7 (0.500)	19.05 (0.750)
Maximum Force [1,2,4] - N	1585	2109	3503	3648	4058	5591	8626	10241	10712	11036

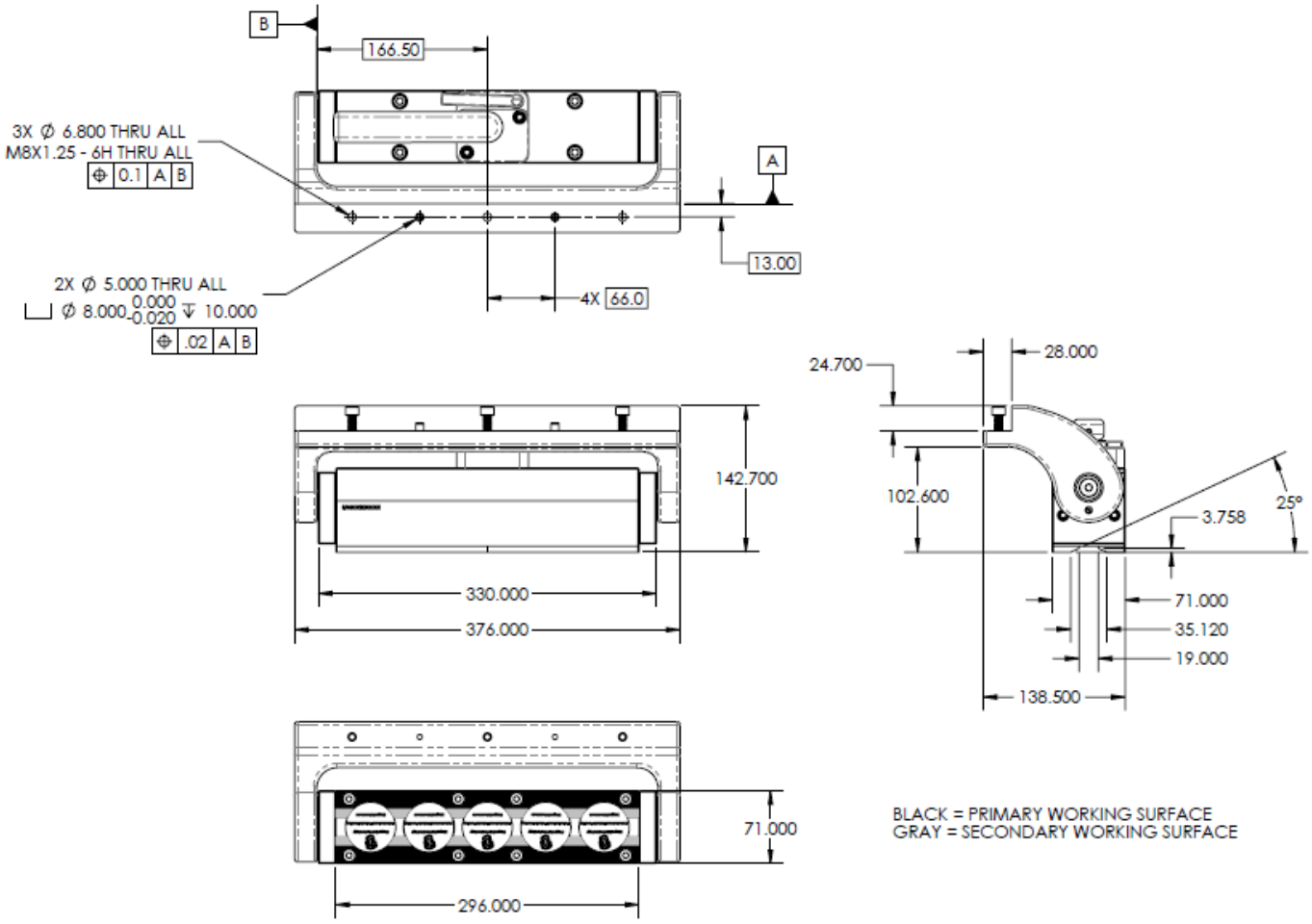
[1] Determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches with optimized pole shoes. Many factors contribute to the actual breakaway force and safe working load in each application. Consult a Magswitch Applications Engineer and test the Magswitch in each application before deployment.

[2] All data applies to unit with flat pole shoes installed.

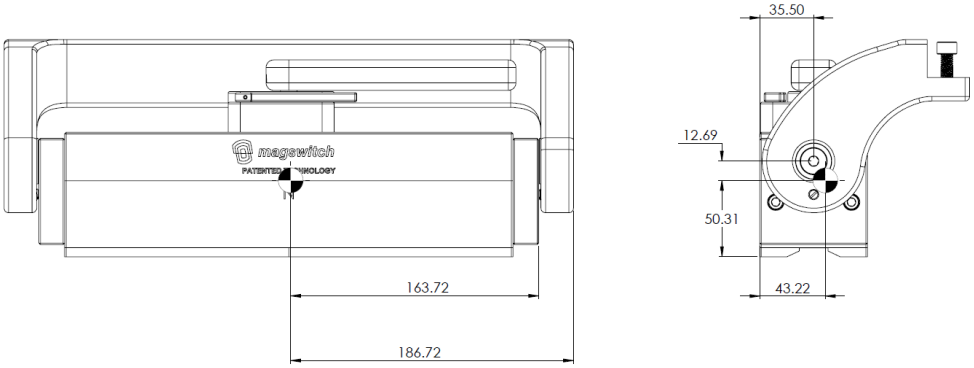
[3] Values may vary by +/- 5%.

[4] Maximum forces listed above are not safe lifting forces. Designer must take into account safety factor when specifying tool. Magswitch recommends SWL = 10:1 for most applications.

Generic Dimensions



COM Dimensions



Scan the QR code for Operation Manual