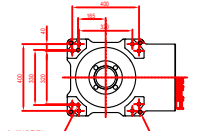
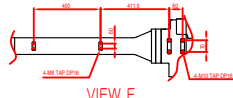


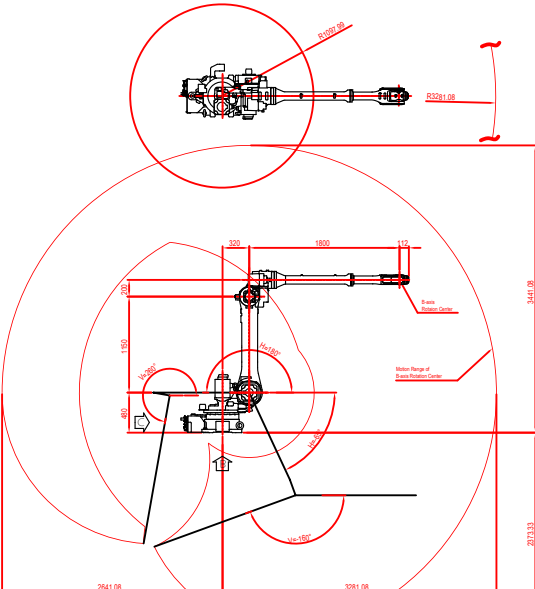
VIEW A  
(SCALE : 5/1)



VIEW B  
(SCALE : 2/1)

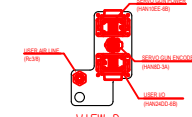


VIEW E  
(SCALE : 2/1)

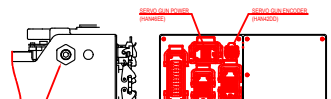
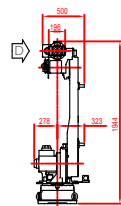


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VIEW D  
(SCALE : 5/1)



Item	Model	HH020L
Configuration		Vertically Articulated
Degree of Freedom		6
Payload		20kg
Repeatability		±0.08mm
Motion Range	S-Axis	±180°
	H-Axis	+180°, -65°
	V-Axis	+260°, -160°
	R2-Axis	±195°
	R3-Axis	±135°
	R1-Axis	±360°
Maximum Speed	S-Axis	3.05rad/s, 175° / s
	H-Axis	3.05rad/s, 175° / s
	V-Axis	3.14rad/s, 180° / s
	R2-Axis	6.28rad/s, 360° / s
Allowable Moment	B-Axis	6.83rad/s, 360° / s
	R1-Axis	10.47rad/s, 600° / s
	R2-Axis	39.2 N.m ( 4kgf.m )
	B-Axis	39.2 N.m ( 4kgf.m )
Allowable Moment (GD/4)	R1-Axis	19.6 N.m ( 2kgf.m )
	R1-Axis	0.88 kgf.m <sup>2</sup>
Mass	B-Axis	0.88 kgf.m <sup>2</sup>
	R1-Axis	0.25 kgf.m <sup>2</sup>
Ambient Conditions	Temperature	0 ~ 45°C
	Humidity	20 ~ 85%RH (non-condensing)
	Vibration	Less than 4.9m/s <sup>2</sup> (10.5G)

