

SCARA – Technical Datasheet

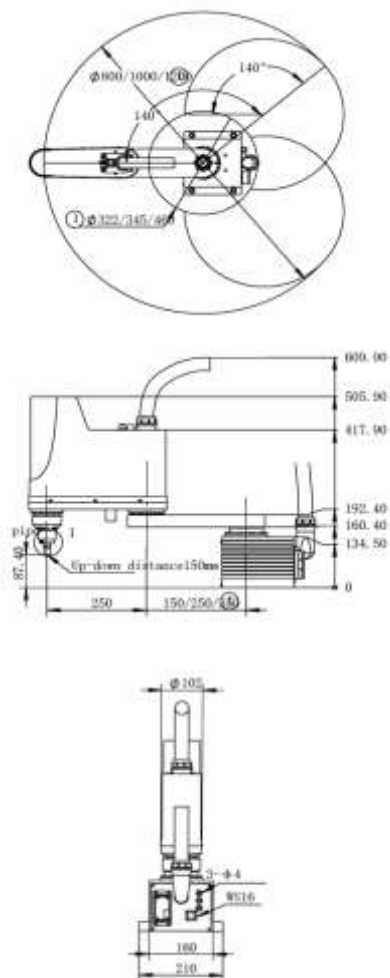


MODELS	SC-IRA-0306				SC-IRA-0607				SC-IRA-1010			
Axis	J1	J2	J3	R	J1	J2	J3	R	J1	J2	J3	R
Payload	3 Kg				6 Kg				10 Kg			
Body Weight	*17 / 18 / 19Kg				*38 / 40 / 42Kg				*46 / 148 / 50Kg			
Arm Length	150/250/350	250	150	-	200/300/400	300	200	-	200/400/600	400	200	-
Max Working Radius	*400 / 500 / 600mm				*500 / 600 / 700mm				*600 / 800 / 1000mm			
Rotation Range	140° / -140°	140° / -140°	-	360° / -360°	135° / -135°	135° / -135°	-	360° / -360°	140° / -140°	140° / -140°	-	360° / -360°
Motor Power	400W	200W	200W	100W	750W	400W	400W	200W	750W	600W	400W	200W
Repeat Accuracy(mm)	±0.01	±0.01	±0.02	±0.016	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.03	±0.02
Working Temperature	0 – 45 °C				0 – 45 °C				0 – 45 °C			
Max Speed (mm/sec)	360	576	800	565	288	460	640	452	230	368	512	452
Standard cycle time: (1KG be transported)	0,4 sec				0,5 sec				0,6 sec			
Driving Method	Direct	Direct	Direct	Pulley & Belt	Direct	Direct	Direct	Pulley & Belt	Direct	Direct	Direct	Pulley & Belt

*The Total Weight and the Max Working Radius depends on the needs you have.

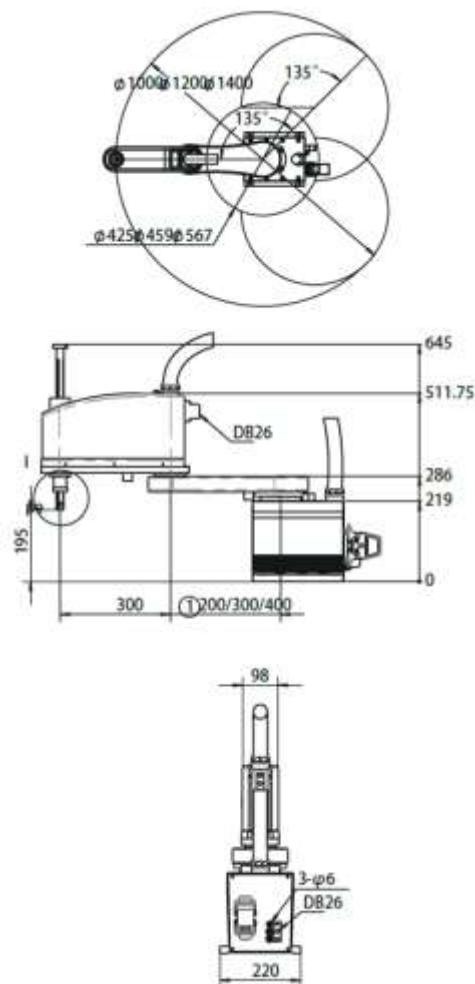
SC-IRA-0306

(Motion Range)



SC-IRA-0607

(Motion Range)



SC-IRA-1010

(Motion Range)

