

Rebel S

**Innovative modular
& scalable SCARA**

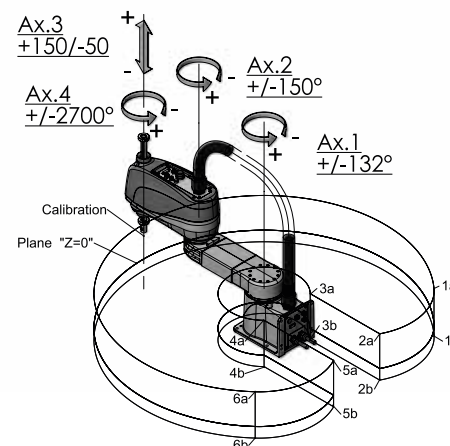
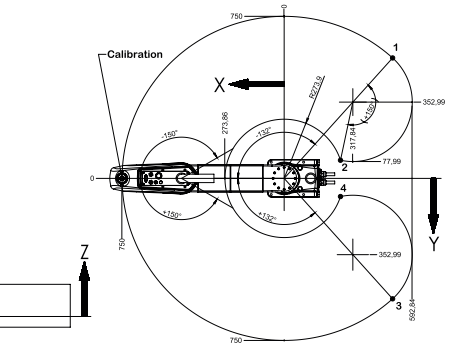
Rebel-S6-0.45

Rebel-S6-0.60

Rebel-S6-0.75

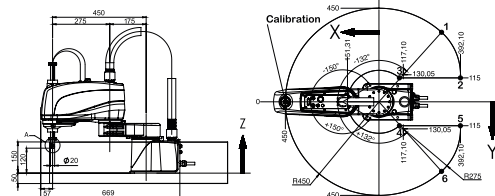


TECHNICAL SPECIFICATIONS

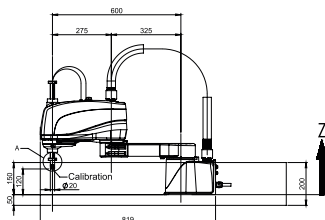
Model	Rebel-S6-0.45	Rebel-S6-0.60	Rebel-S6-0.75	Suggested applications
Robot Type	SCARA	SCARA	SCARA	• Assembly • Handling • Machine Tending
Payload	6 kg	6 kg	6 kg	
Horizontal Reach (Radius)	450 mm	600 mm	750 mm	
Vertical Reach (Z-Stroke)	200 mm	200 mm	200 mm	
Repeatability (X-Y)	0.02 mm	0.02 mm	0.03 mm	
Mounting Position	Base / Wall	Base / Wall	Base / Wall	
Internal User Wiring / Tumbling	Electrical 25 pin-to-pin	Electrical 25 pin-to-pin	Electrical 25 pin-to-pin	
Available Protection Classes	Pneumatical 1 x 4 mm & 2 x 6 mm	Pneumatical 1 x 4 mm & 2 x 6 mm	Pneumatical 1 x 4 mm & 2 x 6 mm	
	IP Class IP10 (IP54 Option)	IP Class IP10 (IP54 Option)	IP Class IP10 (IP54 Option)	
	ISO Class ISO	ISO Class ISO	ISO Class ISO	
Outer Diameter of Ball-Screw-Spline	20 mm	20 mm	20 mm	
Inner Diameter of Ball-Screw-Spline	14 mm	14 mm	14 mm	
Z Axis Down Force (long-time)	160 N	160 N	160 N	
Robot Weight	20 Kg	20 Kg	20 Kg	
Environmental Conditions	Temperature +5° - +45° C	Temperature +5° - +45° C	Temperature +5° - +45° C	
Applicable Controller	Relative humidity 5 - 95%*	Relative humidity 5 - 95%*	Relative humidity 5 - 95%*	

*without condensation

Rebel-S6-0.45



Rebel-S6-0.60



Rebel-S6-0.75

