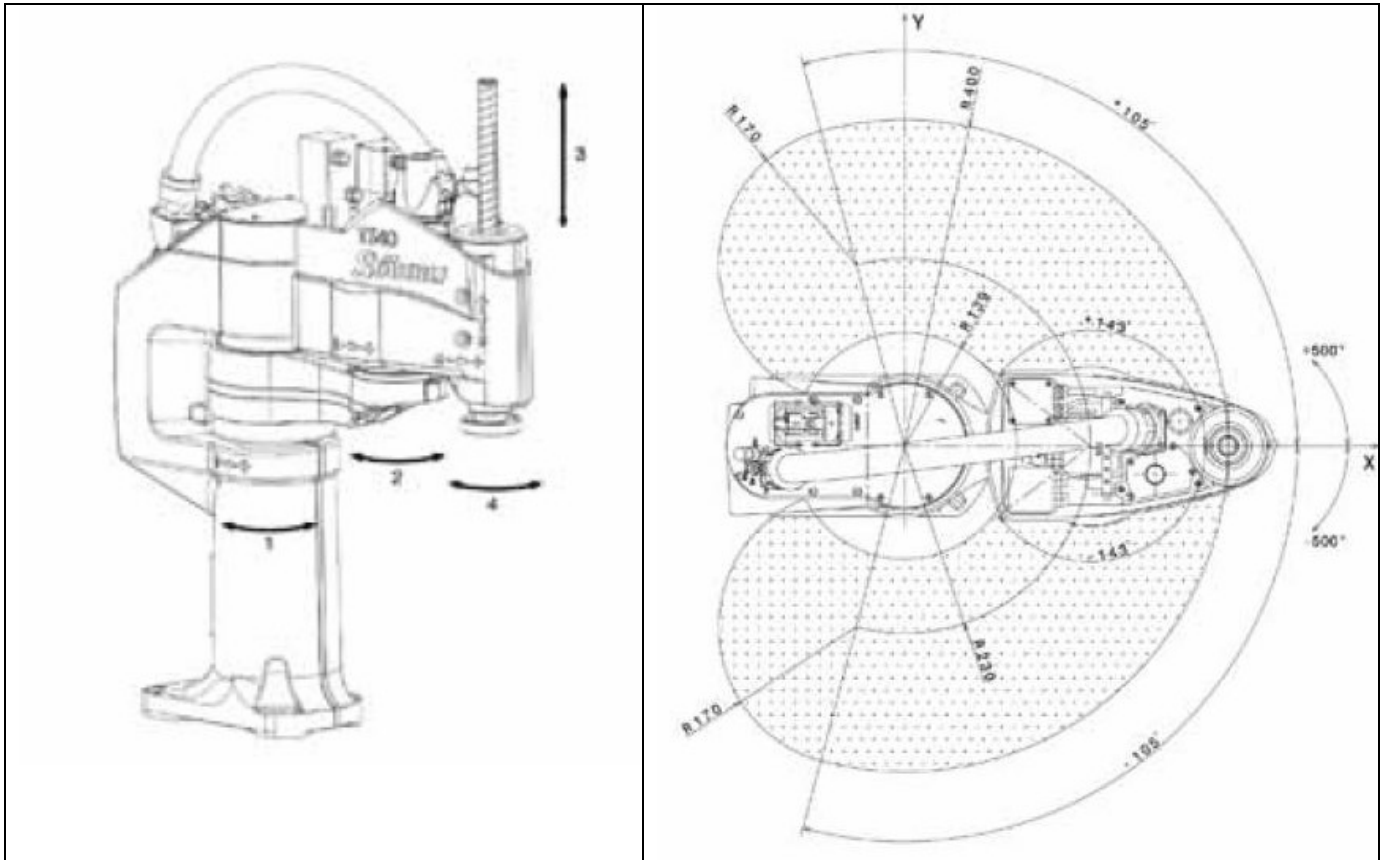


TS40 SCARA robot specifications



Model	TS40
Degrees of freedom	4
Maximum load capacity *	8 kg
Nominal load capacity	2 kg
Reach	400 mm
Repeatability	±0.01 mm
Stroke	200 or 400 mm
Protection class (with bellows)	IP54
Cleanroom standard - ISO 14644-1 (with bellows)	6
Attachment methods	Floor or wall
Stäubli CS8 series controller	CS8C

Characteristics	
Maximum load (1)	8 kg
Nominal load	2 kg
Reach	400 mm
Number of degrees of freedom	4
Repeatability - ISo 9283	± 0,01 mm
Angular reach axis 1	± 105°
Angular reach axis 2	± 143°
Stroke	200 mm or 400 mm (optional)
Angular reach axis 4	±500°(2)
Maximum radius between axis 1 & 3	400 mm
Radius between axis 2 & 3	170 mm
Minimum radius between axis 1 & 3	166 mm
Axis 1	650 °/s
Axis 2	725 °/s
Axis 3	2100 mm/s
Axis 4	2020 °/s
Maximum inertias (Axis 4)	0,1 kg.m ²
Floor version	46 kg
Wall mounted version	46 kg (estimate)
Brakes	Axis 3 and 4
Cleanroom standard - ISo 14644-1 (version with bellow)	6
Protection class according to standard NF EN 60529	IP54
Stäubli CS8 series controller	CS8C
Installation Environment	
Working temperature according to standard directive NF EN 60 204-1	+5°C to 40°C
Humidity according to standard directive NF EN 60 204-1	30% to 95% max. non-condensing
Attachment methods	Floor / Wall