

CTC012-1280

Collaborative robots · CTC

Catalogue checked: 2026-10-08



Axes	6
Reach	1283 mm
Rated payload	12 kg
Position repeatability	≤ ±0.1 mm

More parameters

Robot weight	36 kg
Power consumption	2.5 kW
Protection rating	IP54

Compiled from the manufacturer product page, with the model image and full parameters. Source table grouping is preserved; label spelling and spacing have been edited. This is a subsite compilation, not a manufacturer-issued datasheet.

Full parameter tables

Collaborative arm parameters		
Function		Polishing, material handling, 3C products
Maximum effective working radius (Reach)		1283 mm
Rated payload		12 kg
Repeat positioning accuracy		≤ ±0.1 mm
Body weight		36 kg
Power consumption		2.5 Kw
Operating environment temperature		0~60 °C
Operating environment humidity		0—90% (Non-condensing)
Mounting method		Any angle
Protection class		IP54
Degrees of freedom		6
Joint Motion Parameters		
Axis No.	Motion Range (Zero at Vertical Up)	Rated Speed
J1	±180°	2000 rpm
J2	±90°	2000 rpm
J3	+250°/-70°	3000 rpm
J4	±100°	3000 rpm
J5	±180°	3000 rpm
J6	±360°	3000 rpm