



Ref	06997
Machine	INDUSTRIAL ROBOT
Brand	STÄUBLI
Model	RX-130-B

Main Technical Data

➤ Portable load to nominal speed	12 kg					
➤ Portable load to reduced speed	22 kg					
➤ Axes number	6					
➤ Maximum working radius between axes 2 & 5	1.250 mm					
➤ Minimum working radius between axes 2 & 5	402 mm					
➤ Working radius between axes 3 y 5	625 mm					
➤ Max. speed in center of gravity of load	13,2 m/s					
➤ Repeteability to constant temperature	± 0,03 mm					
➤ Operating temperatures	+ 5° C / + 40° C					
➤ Robot weight	238 kg					
➤ Controller type	CS7MB					
➤ Controller voltage	3 x 400 V – 50 / 60 Hz – 2.800 VA					
➤ Controller weight	93 kg					
➤ AXIS	1	2	3	4	5	6
➤ Range	320°	275°	285°	540°	225°	540°
➤ Range distribution	A ± 160°	B ± 137,5°	C ±142,5°	D ±270°	E +120° -105°	F ±270°
➤ Nominal speed	203 °/s	185 °/s	250 °/s	400 °/s	320 °/s	580 °/s
➤ Maximum speed	278 °/s	278 °/s	356 °/s	409 °/s	800 °/s	1125°/s
➤ Angular resolutions (°·10 ⁻³)	0.68	0.68	0.87	1.0	1.95	2.75
INERTIAS	Eje 5			Eje 6		
Nominal inertias	0,48 kg. m ²			0,12 kg. m ²		
Maximum inertias	2,4 kg. m ²			0,6 kg. m ²		
LÍMITS TORQUE	Eje 5			Eje 6		
Static torque (⁽¹⁾ torque 6 axis = 0 / (⁽²⁾ max torque 6 axis)	66 ⁽¹⁾ (N.m)		⁽²⁾ 41 (N.m)		25 (N.m)	
Peak torque (⁽¹⁾ torque 6 axis = 0 / (⁽²⁾ max torque 6 axis)	346 ⁽¹⁾ (N.m)		⁽²⁾ 225(N.m)		121 (N.m)	
(Characteristics based according to technical data)						