

Characteristics/Functions			RP-1ADH	RP-3ADH	RP-5ADH
Degrees of freedom (no. of axes)			4		
Installation posture			Floor mounting		
Drive system			AC servo		
Position detection method			Absolute encoder		
Brake attachment			All axes		
Payload capacity	rated	kg	0.5	1.0	2.0
	maximum		1.0	3.0	5.0
Operating range	width depth	mm	150x105 (DIN-A6)	210x148 (DIN-A5)	287x210 (DIN-A4)
	vertical	mm	30	50	
	twist	degree	±200		
Maximum speed	J1/J2	degree/s	480	432	
	J3	mm/s	800		
	J4	degree/s	3000	1330	1230
Cycle time (25 x 100 x 25 mm)	sec		0.28	0.33	0.38
Inertial moment	wrist	kgm <sup>2</sup>	3.10x10 <sup>-4</sup>	1.60x10 <sup>-3</sup>	3.20x10 <sup>-3</sup>
Position repeatability	X, Y direction	mm	±0.005	±0.008	±0.01
	Z direction	mm	±0.01		
	direction of the wrist twist	degree	±0.02	±0.03	
Ambient temperature	°C	0-40			
Weight	kg		12	24	25
Tool wiring			8 inputs/8 outputs		
Supply pneumatic pressure	MPa	0.5 ±10 %			
Robot controller			CR1DA		
Order information					
	Art. no.		252843	252844	252885