



Data sheet Colla Robots Pneumatic Parallel Grippers

20190906-nh-datasheetCR-PPG-ext-V2

		Double acting		Single acting (N.O.)		Single acting (N.C.)	
Gripper type	Pneumatic Parallel Gripper						
Number of fingers	2						
Type	∅	CR-PPG-10-DA	CR-PPG-10-SA-NO	CR-PPG-10-SA-NC			
	∅16	CR-PPG-16-DA	CR-PPG-16-SA-NO	CR-PPG-16-SA-NC			
	∅20	CR-PPG-20-DA	CR-PPG-20-SA-NO	CR-PPG-20-SA-NC			
	∅25	CR-PPG-25-DA	CR-PPG-25-SA-NO	CR-PPG-25-SA-NC			
Closure clamping Force (N) at working pressure 6 Bar							
	∅10	13,2	8,4	-			
	∅16	40	32	-			
	∅20	54	42	-			
	∅25	82	66	-			
Open clamping Force (N) at working pressure 6 Bar							
	∅10	20	-	15,6			
	∅16	54	-	45			
	∅20	81	-	70			
	∅25	122	-	104			
Stroke (two sides) (mm)							
	∅10	2+2=4					
	∅16	3+3=6					
	∅20	5+5=10					
	∅25	7+7=14					
Applicable pressure range (Bar)							
	∅10	1,5-7	1,5-7	1,5-7			
	∅16	1-7	1-7	1-7			
	∅20	1-7	1-7	1-7			
	∅25	1-7	1-7	1-7			
Weight (g)							
	∅10	52					
	∅16	120					
	∅20	236					
	∅25	430					
Port size							
	∅10	M3x0.5					
	∅16	M5x0.8					
	∅20	M5x0.8					
	∅25	M5x0.8					
Working medium	Clean and dry air (40µm filtration)						
Working temperature (degr C)	-20 ~ 80						
Maximum frequency Cycles/min	180						
Main material	Anodised Aluminium						



