

Angular Pneumatic Gripper
YMA10


Part No.	Ø	Gripping force (Nm)*		Max arm length L (mm)	Sensor
		Opening	Closing		
YMA10-12	12	0,25	0,2	30	DF-R 200
YMA10-16	16	0,6	0,45	40	
YMA10-20	20	1,15	0,85	60	
YMA10-25	25	2,25	1,7	70	
YMA10-32	32	4,05	3,05	85	

* = Gripping force at 5 bar
 L = Gripping point 30 mm

Working pressure: 1,5 ÷ 7 bar
 Ambient temperature: -5 ÷ 60 °C
 Max frequency (cycles/min): 180
 Opening angle: +30° -10°

Parallel Pneumatic Gripper
YMP10


Part No.	Ø	Gripping force (N)*		Max arm length L (mm)	Stroke open/close (mm)	Sensor
		Opening	Closing			
YMP10-12	12	8	5	30	6	DF-R 200
YMP10-16	16	24	17	40	8	
YMP10-20	20	46	33	60	12	
YMP10-25	25	73	57	70	14	
YMP10-32	32	98	81	85	16	

* = Gripping force at 5 bar
 L = Gripping point 30 mm

Working pressure: 1,5 ÷ 7 bar
 Ambient temperature: -5 ÷ 60 °C
 Max frequency (cycles/min): 180

180° Angular Pneumatic Gripper
YMA20


Part No.	Ø	Gripping force (N)*	Max arm length L (mm)	Sensor
YMA20-10	10	6	60	DF-T 200
YMA20-16	16	20	70	
YMA20-20	20	36	80	
YMA20-25	25	78	90	

* = Gripping force at 5 bar
 L = Gripping point 30 mm

Working pressure: 1 ÷ 6 bar
 Ambient temperature: -10 ÷ 60 °C
 Max frequency (cycles/min): 60
 Repeatability: ± 0,2
 Opening angle: +180°~182° / -3°

Parallel Pneumatic Gripper with Linear Guide

■ YMP20



Part No.	Ø	Pressure (bar)	Max frequency (cycles/min)	Repeatability (mm)	Gripping force (N)*		Stroke open/close (mm)	Sensor
					Opening	Closing		
YMP20-10	10	2 ÷ 7	180	0,01	11	16	4	DF-T 200
YMP20-16	16	1 ÷ 7	180	0,01	32	44	6	
YMP20-20	20	1 ÷ 7	180	0,01	42	65	10	
YMP20-25	25	1 ÷ 7	180	0,01	67	110	14	
YMP20-32	32	1 ÷ 7	60	0,02	160	228	22	
YMP20-40	40	1 ÷ 7	60	0,02	260	318	30	

* = Gripping force at 5 bar, gripping point 30 mm

Ambient temperature: -10 ÷ 60 °C

Low Profile Parallel Pneumatic Gripper with Linear Guide

■ YMP30



Part No.	Ø	Max frequency (cycles/min)	Gripping force (N)*		Stroke (mm)	Sensor
			Opening	Closing		
YMP30008	8	180	19	19	8-16-32	DF-T200
YMP30012	12		48	48	12-24-48	
YMP30016	16		91	91	16-32-64	
YMP30020	20		138	138	20-40-80	

* = Gripping force at 5 bar, gripping point 30 mm (for version 15 mm YMP30008)

Working pressure: 1,5 ÷ 7 bar

Ambient temperature: -5 ÷ 60 °C

Wide-type Parallel Pneumatic Gripper

■ YMP40



Part No.	Ø	Max frequency (cycles/min)	Gripping force (N)*		Stroke (mm)	Sensor
			Opening	Closing		
YMP40010	10	40	14	14	20-40-60	DF-...
YMP40016	16	40	44	44	30-60-80	
YMP40020	20	40	77	77	40-80-100	
YMP40025	25	40	128	128	50-100-120	
YMP40032	32	20	227	227	70-120-160	

* = Gripping force at 5 bar, gripping point 30 mm

Working pressure: 1 ÷ 6,1 bar

Ambient temperature: -10 ÷ 60 °C

Repeatability: ±0,1

Self-centering 3 Jaw Pneumatic Gripper

■ YMP50



Part No.	Ø	Pressure (Bar)	Max frequency cycles/min	Gripping force (N)*		Stroke (mm)	Sensor
				Opening	Closing		
YMP50-16	16	2 - 6	120	14	16	4	DF-...
YMP50-25	25	2 - 6	120	41	46	6	
YMP50-32	32	1 - 6	60	73	81	8	
YMP50-40	40	1 - 6	60	117	127	8	
YMP50-50	50	1 - 6	60	180	204	12	
YMP50-63	63	1 - 6	60	332	359	16	
YMP50-80	80	1 - 6	30	495	520	20	
YMP50-100	100	1 - 6	30	745	775	24	
YMP50-125	125	1 - 6	30	1265	1310	32	

* = Gripping force at 5 bar, gripping point 20 mm (Ø16-25) 30 mm (Ø 32÷63) 50 mm (Ø 80 ÷125)

Ambient temperature: -10 ÷ 60 °C

Repeatability: ±0,01