

Model: LTC-0200E

- ▶ Recommended payload ≤ 230kg
- ▶ Locking force: 31458N Allowable static moment: 2260N·m Allowable static torque: 2245N·m
- ▶ With 18 x PT1/8 air ports, 2 available module interfaces
- ▶ Suitable for handling, palletizing, welding, polishing, deburring
- ▶ Air pressure lost self locking function, the master plate and tool plate won't be separated even the air pressure in master plate lost accidentally.
- ▶ Master plate with locking/unlocking sensor and tool-in-position sensor

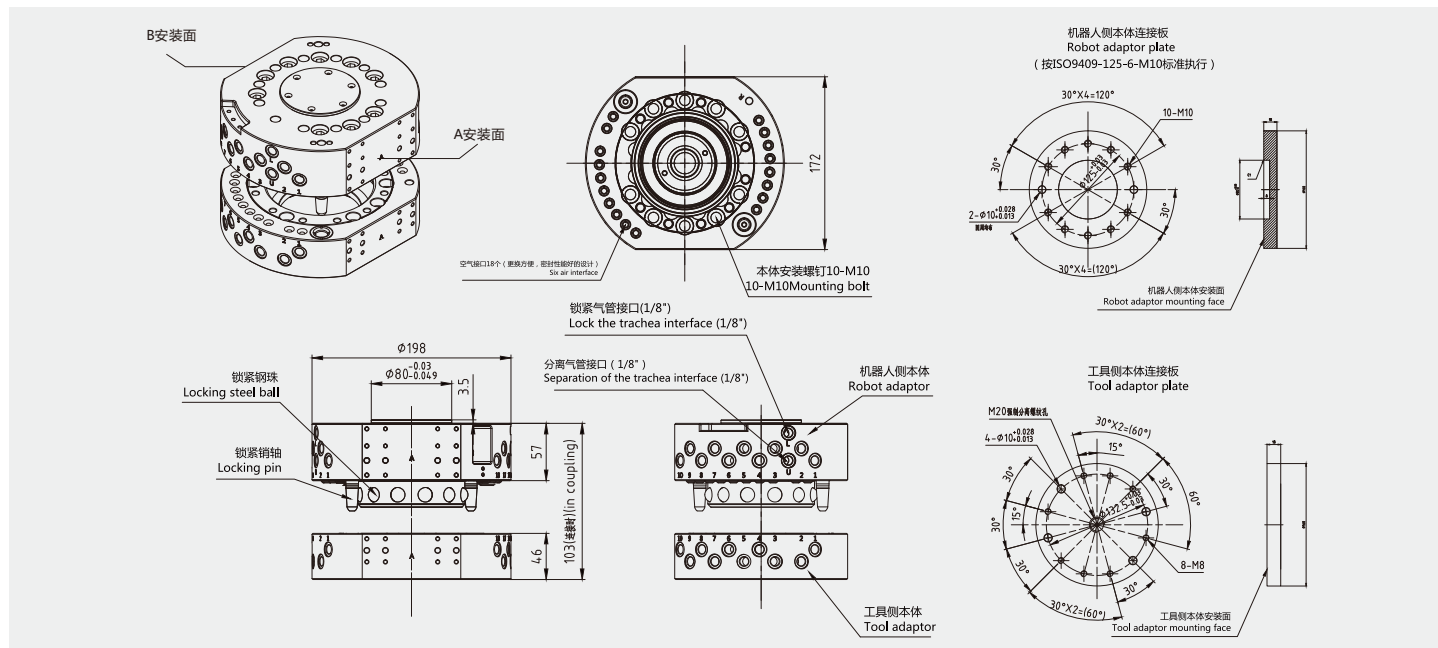


Specifications

Model	Master plate	LTC-0200EM
	Tool plate	LTC-0200ET
Load	Payload capacity	230kg
	Locking force	31458N
	Allowable static bending moment	2260N·m
	Allowable static torque	2245N·m
Size and precision	Dimension	Φ198mm
	Combined thickness	103mm
	Position repeatability	±0.02mm
Air pressure for working		0.4~0.7Mpa

Item No.	Master plate item No.	0139
	Tool plate item No.	0239
Material	Main body	Aluminum alloy
	Locking mechanism	Alloy steel
Locking mechanism		Locking steel ball
Work environment	Temperature	0-60°C
	Humidity	0-95%
Weight	Master side	5.9kg
	Tool side	2.97kg
Air connector	Pneumatic port	18x PT1/8
	Max pressure	0.8Mpa

Dimensions



Adapter module

Type	Photo	Model	Item No.	Description	Interface No.	
Sensor		PNP	LMO-P3-01	1562	Locking/Unlocking sensor and tool-in-position sensor LED status visible	A
		NPN	LMO-N3-01	1567		
Electrical module		Master side	LMO-E16-MS07A-AF01-M	0357	5A x 7pins Tool-ID identify	A
		Tool side	LMO-E16-MS07A-AF01-T	0358		
		Master side	LMO-F21-MS15A-AF01-M	0393	5A x 15pins Tool-ID identify	A
		Tool side	LMO-F21-MS15A-AF01-T	0394		
		Master side	LMO-F21-S34A-AF01-M	0558	5A x 34pins Tool-ID identify	A
		Tool side	LMO-F21-S34A-AF01-T	0559		
		Master side	LMO-E12-S19A-M	0361	3A x 19pins	B
		Tool side	LMO-E12-S19A-T	0362		
		Master side	LMO-F22-S38A-M	0579	3A x 38pins	B
		Tool side	LMO-F22-S38A-T	0580		
		Master side	LMO-F21-E06A-S15-AF01-M	0539	20A x 6pins 3A x 15pins Tool-ID identify	A
		Tool side	LMO-F21-E06A-S15-AF01-T	0540		
	Master side	LMO-E12-E06A-M	0507	20A x 6pins	B	
	Tool side	LMO-E12-E06A-T	0508			
	Master side	LMO-F22-E06A-E06A-M	0563	20A x 12pins	B	
	Tool side	LMO-F22-E06A-E06A-T	0564			
Industrial Bus module		Master side	LMO-F21-S13-BI01-AF01-M	0545	Ethernet, EtherNet P, EtherCAT, Profinet Industrial Bus module M12 4pins D-encoder Industrial bus interface	A
		Tool side	LMO-F21-S13-BI01-AF01-T	0546		
		Master side	LMO-F21-S13-BI03-AF01-M	0553	Devicenet Industrial Bus module M12 4pins A-encoder Industrial bus interface	A
		Tool side	LMO-F21-S13-BI03-AF01-T	0554		
		Master side	LMO-E12-BI15-M	0310	Ethernet Industrial Bus module Rj45 connector	B
		Tool side	LMO-E12-BI15-T	0311		

Type	Photo	Model	Item No.	Description	Interface No.	
Servo module		Master side	LMO-F22-SM10C-M	0561	20A x 4pins 2pins brake 8pins encoder signal	B
		Tool side	LMO-F22-SM10C-T	0562		
High frequency module		Master side	LMO-E14-U02A-M	0601	5A 1.4KV Single channel HF module	B
		Tool side	LMO-E14-U02A-T	0602		
		Master side	LMO-E13-U02A-U02A-M	0659	5A 1.4KV Dual-channel HF module	B
		Tool side	LMO-E13-U02A-U02A-T	0660		
Air&fluid module		Master side	LMO-GC02AM	0477	2 x PT3/8 Open air port	B
		Tool side	LMO-GC02AT	0478		
		Master side	LMO-GC04AM	0479	4 x PT3/8 Open air port	B
		Tool side	LMO-GC04AT	0480		
		Master side	LMO-GC06AM	0481	6 x PT1/8 Open air port	B
		Tool side	LMO-GC06AT	0482		
		Master side	LMO-GC10AM	0625	10 x PT1/8 Open air port	B
		Tool side	LMO-GC10AT	0626		
		Master side	LMO-GS01AM	1212	1 x PT3/8 Self-sealing air port	B
		Tool side	LMO-GS01AT	1213		
		Master side	LMO-GS02BM	1216	2 x PT3/8 Self-sealing air port	B
		Tool side	LMO-GS02BT	1217		
	Master side	LMO-GS04AM	1220	4 x PT3/8 Self-sealing air port	B	
	Tool side	LMO-GS04AT	1221			
	Master side	LMO-L01BM	1201	1 x PT1/2 Self-sealing air port or water path	B	
	Tool side	LMO-L01BT	1205			
	Master side	LMO-L02BM	1206	2 x PT1/2 Self-sealing air port or water path	B	
	Tool side	LMO-L02BT	1207			