

ASSEMBLY PICK AND PLACE ROBOT

HMPL(L) series PICK AND PLACE ROBOT

HMPL(T)



Item	Model	HMPL-160	HMPL-200	HMPL-250	HMPL-320
		HMPT-160	HMPT-200	HMPT-250	HMPT-320
Operation		Double Acting			
Fluid		Air			
Pressure Range Kg/cm ² (Kpa)		1.5-9 (150-900)			
X Axis Horizontal Moving	Model (mm)	DPA-16(Ø16)	DPA-20(Ø20)	DPA-25(Ø25)	DPA-32(Ø32)
	Cylinder thrust (kgf)	3 x P	4.7 x P	7.6 x P	12.1 x P
Y Axis Vertical Moving	Model (mm)	DPA-16(Ø16)	DPA-20(Ø20)	DPA-25(Ø25)	DPA-32(Ø32)
	Cylinder thrust (kgf)	3 x P	4.7 x P	7.6 x P	12.1 x P
Z Axis Rotary Moving	90°	DRF-5-90°	DRF-10-90°	DRF-20-90°	DRF-30-90°
	180°	DRF-5-180°	DRF-10-180°	DRF-20-180°	DRF-30-180°
H Axis Gripper	Parallel Type	HGD-16	HGD-20	HGD-25	HGD-32
	Y Type	HGA-16	HGA-20	HGA-25	HGA-32
	Rack parallel Type	HGL-20	HGL-20	HGL-32	HGL-32

HMPH series PICK AND PLACE ROBOT

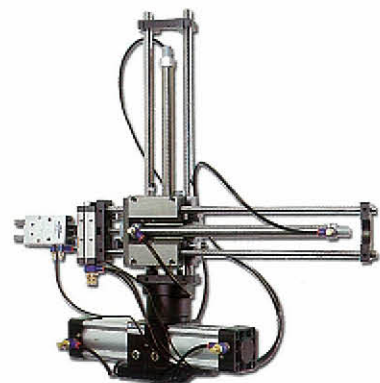
HMPH



Item	Model	HMPH-200	HMPH-320
		Operation	Double Acting
Fluid		Air	
Pressure Range Kg/cm ² (Kpa)		1.5-9 (150-900)	
X Axis Horizontal Moving	Model (mm)	DHB-20(Ø20)	DHB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Y Axis Vertical Moving	Model (mm)	DHB-20(Ø20)	DHB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Z Axis Rotary Moving	90°	DRF-10-90°	DRF-30-90°
	180°	DRF-10-180°	DRF-30-180°
H Axis Gripper	Parallel Type	HGD-20	HGD-32
	Y Type	HGA-20	HGA-32
	Rack parallel Type	HGL-20	HGL-32

HMPT series PICK AND PLACE ROBOT

HMPT

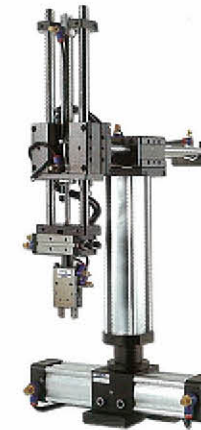


Item	Model	HMPT-200	HMPT-320
		Operation	Double Acting
Fluid		Air	
Pressure Range Kg/cm ² (Kpa)		1.5-9 (150-900)	
R Axis Rotating	90°	DRG-63X90°	
	180°	DRG-63X180°	
X Axis Horizontal Moving	Model (mm)	DHB-20(Ø20)	DPB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Y Axis Vertical Moving	Model (mm)	DHB-20(Ø20)	DPB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Z Axis Rotary Moving	90°	DRF-10-90°	DRF-30-90°
	180°	DRF-10-180°	DRF-30-180°
H Axis Gripper	Parallel Type	HGD-20	HGD-32
	Y Type	HGA-20	HGA-32
	Rack parallel Type	HGL-20	HGL-32

ASSEMBLY PICK AND PLACE ROBOT

HMPR series PICK AND PLACE ROBOT

HMPR



Item	Model	HMPR-200	HMPR-320
		Operation	Double Acting
Fluid		Air	
Pressure Range Kg/cm ² (Kpa)		1.5-9 (150-900)	
R Axis Rotating	90°	DRG-63X90°	
	180°	DRG-63X180°	
X Axis Horizontal Moving	Model (mm)	DHB-20(Ø20)	DHB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Y Axis Vertical Moving	Model (mm)	DHB-20(Ø20)	DHB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Z Axis Rotary Moving	90°	DRF-10-90°	DRF-30-90°
	180°	DRF-10-180°	DRF-30-180°
H Axis Gripper	Parallel Type	HGD-20	HGD-32
	Y Type	HGA-20	HGA-32
	Rack parallel Type	HGL-20	HGL-32

HMPS series PICK AND PLACE ROBOT

HMPS



Item	Model	HMPS-200	HMPS-320
		Operation	Double Acting
Fluid		Air	
Pressure Range Kg/cm ² (Kpa)		1.5-9 (150-900)	
R Axis Rotating	Model (mm)	DPK-40(Ø40)	
	Cylinder thrust (kgf)	10.6 x P	
X Axis Horizontal Moving	Model (mm)	DHB-20(Ø20)	DHB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Y Axis Vertical Moving	Model (mm)	DHB-20(Ø20)	DHB-32(Ø32)
	Cylinder thrust (kgf)	3.1 x P	8 x P
Z Axis Rotary Moving	90°	DRF-10-90°	DRF-30-90°
	180°	DRF-10-180°	DRF-30-180°
H Axis Gripper	Parallel Type	HGD-20	HGD-32
	Y Type	HGA-20	HGA-32
	Rack parallel Type	HGL-20	HGL-32

HM series PICK AND PLACE ROBOT

HM



Model	Description	Material	Remark
HM-05A	Flange	Aluminum	Suitable cylinder : DHB(U) Ø20,Ø25,Ø32,Ø40 DJB(U) Ø20,Ø25,Ø32,Ø40, Ø50,Ø63 DFB(U) Ø20,Ø25,Ø32,Ø40
HM-05B	Elbow		
HM-05C	Base		
HM-05D	D Elbow		
HM-05E	E Elbow		
HM-05F	Base (Flange)	Mild steel	L=300,400,600,750,900 (mm)
HM-05R	Rod		

AIRINN products
Related Calculation Common Caution
Air unit
Valve
Cylinder
Gripper
Vacuum Equipment
Fitting
Accessories
Assembly pick and place robot