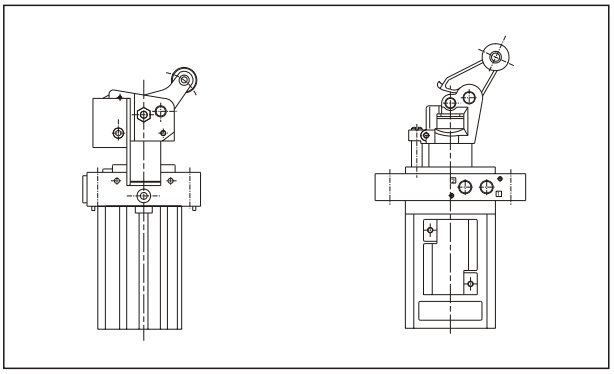
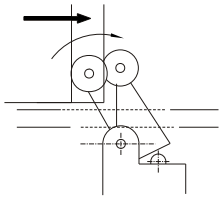
Pallet Control Cylinder

STOPPER CYLINDER

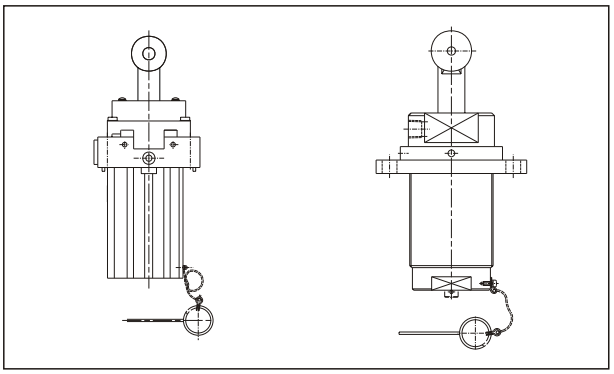
Shockless stopper cylinder



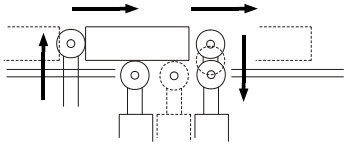
The built-in shock absorber softly catches and stops the work carrier.The strength of absorber can be easily adjusted, which makes the cylinder work in the best condition, conforming to the speed of the conveyor line and the weight of the work carrier.



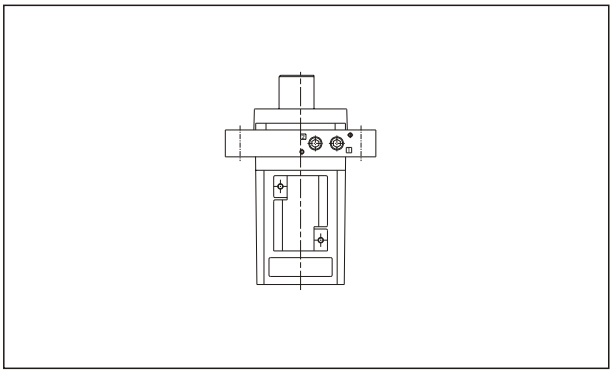
Stopper cylinder with roller



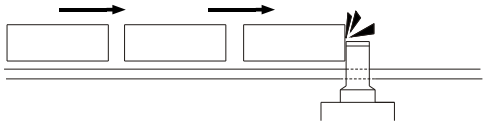
The top rollers with the built-in spring return in touch with the bottom of the work carrier. Automatically returns up to the original position as the work carrier pass by, and immediately works as a stopper for the next work carrier. Therefore the timing carriers does not need to be taken.



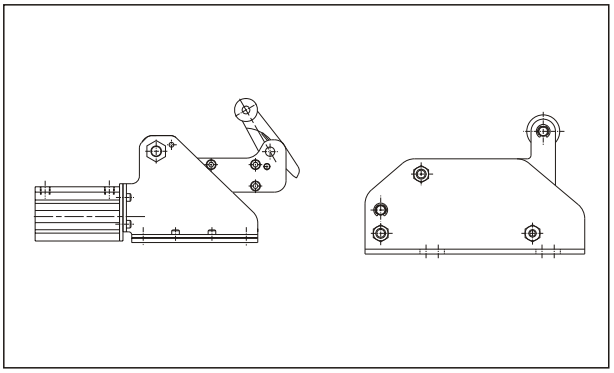
Direct stopper cylinder



Rod and cylinder are designed for toughness against the large side load. Also suitable for the relatively slow-moving conveyor line with the heavy work carriers.



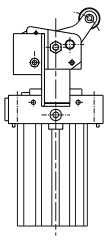
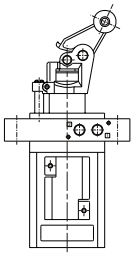
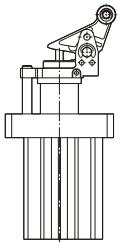
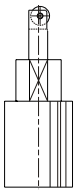
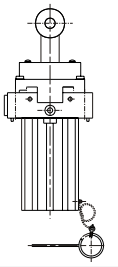
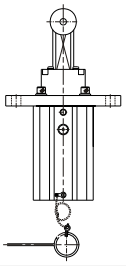
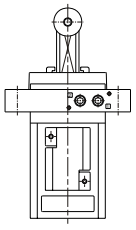
Horizontal stopper cylinder

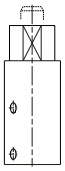
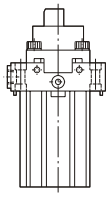
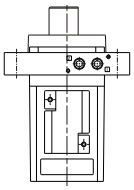
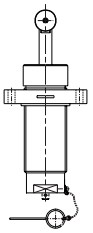
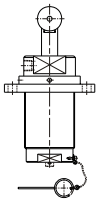
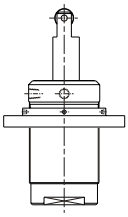


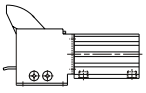
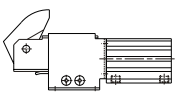
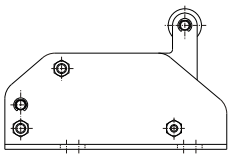
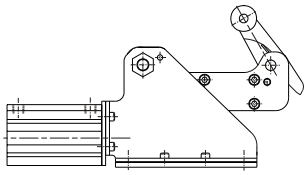
Horizontal stopper cylinder of lower height for conveying the heavy work carriers. Suitable as a stopper cylinder for accumulating line, ageing line, and mulit-stage conveyor line. Softly stops the work carriers of heavy weight and high speed.

Pallet Control Cylinder

STOPPER CYLINDER

Model	MSB*-series							
	MSBD				MSBR			
Operation type	Double acting with spring				Single acting(Spring extended)			
	Shockless stopper				Stopper with roller			
Standard stroke	ϕ 32-20	ϕ 50-30	ϕ 63-30	ϕ 80-40	ϕ 20-20	ϕ 32-20	ϕ 40-30	ϕ 50-30
Magnet	With magnet	With magnet	With magnet	With magnet	With magnet	With magnet	Without magnet	Without magnet
Diagram								

Model	MSB*-series			MSAR		
	MSBS					
Operation type	Double acting			Single acting(Spring extended)		
	Direct stopper			Stopper with roller		
Standard stroke	ϕ 20-10	ϕ 32-20	ϕ 50-30	ϕ 32-30	ϕ 50-30	ϕ 80-30
Magnet	With magnet	With magnet	With magnet	Without magnet	Without magnet	Without magnet
Diagram						

Model	MSL*-series				
	MSLP-P	MSLP-CP	MSLL		MSLD
Operation type	Double acting		Double acting (Spring extended)		Double acting with spring
	Direct stopper		Stopper with roller		Shockless stopper
Standard stroke	ϕ 32-40		ϕ 25-30	ϕ 40-30	ϕ 50-50
Magnet	With magnet		Without magnet	With magnet	With magnet
Diagram					

MSAR series

STOPPER CYLINDER

Order example:

MSAR – 32 – 30 – BSP

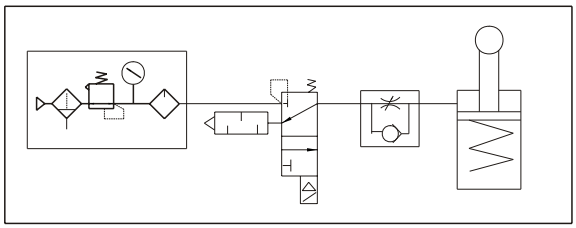
- MODEL
- BORE SIZE (mm)
- STROKE
- PORT THREAD
  Blank: PT thread
  BSP: BSP thread
  NPT: NPT thread

Specification:

Model	MSAR	
Standard type	ϕ 32-30	1350 g
	ϕ 50-30	2150 g
	ϕ 80-30	9000 g
Acting type	Single acting (Spring extended)	
	Stopper with roller	
Medium	Air	
Operating pressure range	2-9.9kgf/cm^2	
Proof pressure	15 kgf/cm^2	
Ambient temperature	−5~+60℃ (No freezing)	
Lubrication	Not required	
Cushion	With rubber cushion pad	
Magnet	Without magnet	

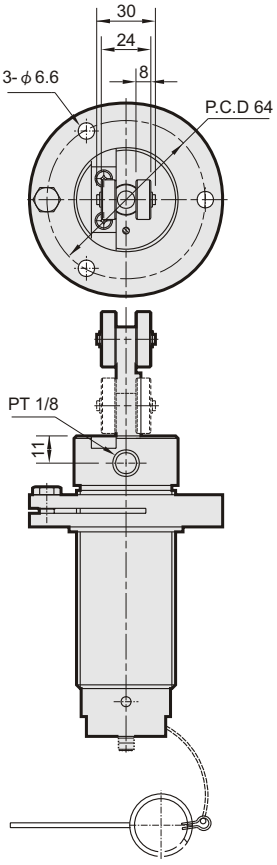
Piping diagram:

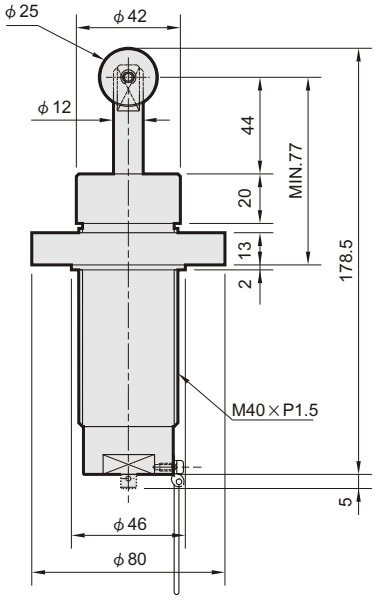
Single acting



Order no.

MSAR ϕ 32-30

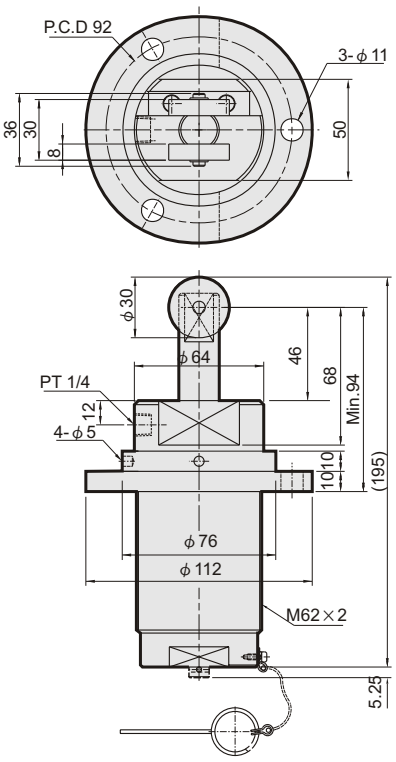




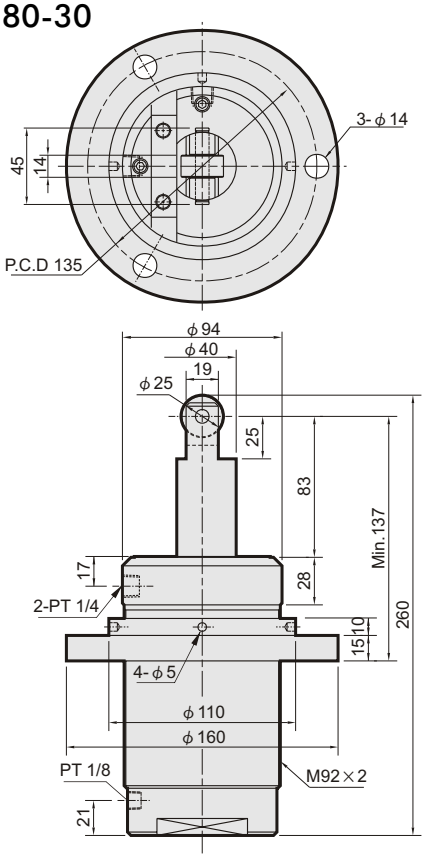
MSAR

STOPPER CYLINDER

Order no.
MSAR ϕ 50-30

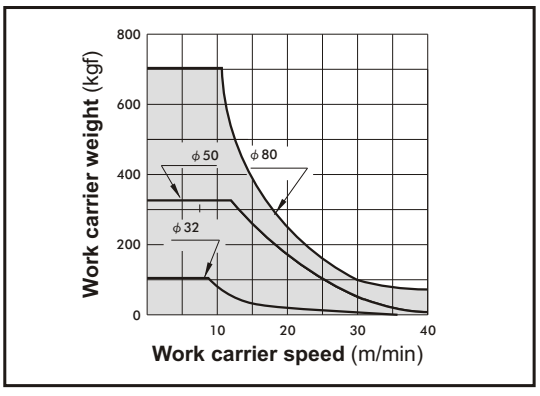


Order no.
MSAR ϕ 80-30



※Roller is made of stainless steel.

MSAR
Capacity



MSAR
Normal lateral load