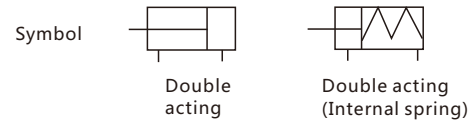




Product feature

Easy mount, with internal bumper. Widely used in pipeline workpiece conveying occasions. With magnet ring on piston.



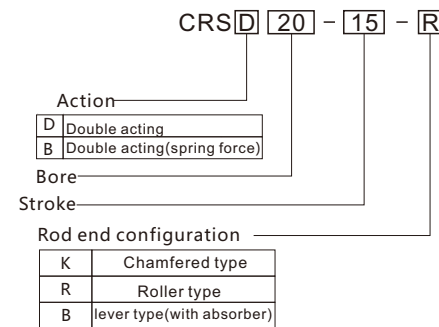
Specification

Bore (mm)	20	32	40	50
Action	Double acting, Double acting(Internal spring)			
Rod end configuration	Chamfered type, Roller type	Chamfered type, Roller type, lever type(with shock absorber)		
Fluid	Compressed air			
Max. pressure	1.0MPa			
Ambient and fluid temp.	No switch : -10~+70℃(No freezing), with switch : -10~+60℃(No freezing)			
Cushion	Rubber bumper on both ends			
Lubrication	Non-lube (Use ISO Vg32 oil if needed)			
Installation	Through-hole, counterbore both ends			
Port size	M5X0.8	Rc1/8		

Stroke/Auto switch type

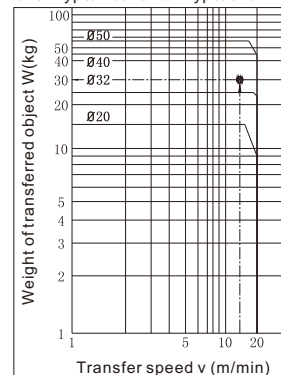
Bore (mm)	Standard stroke (mm)	Switch model
20	10 15 20	
32		
40	20 25 30	
50		

Ordering code

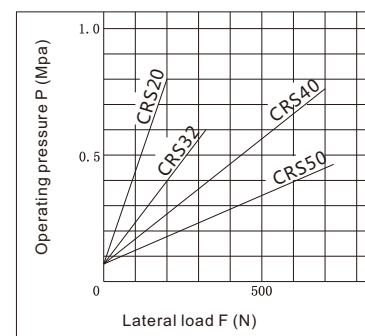
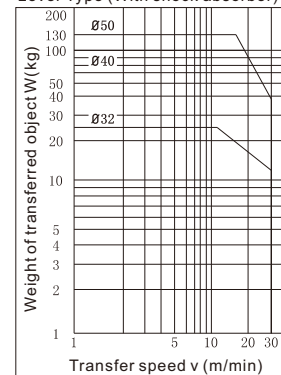


Operating ranges by rod end configuration

Roller Type/Round Bar Type/Chamfered Type



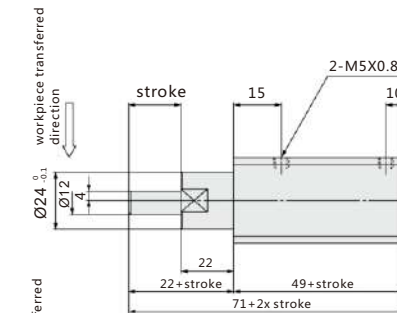
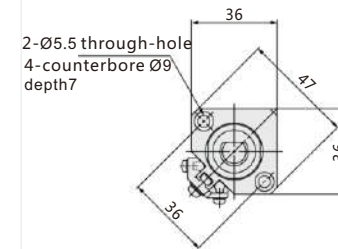
Lever Type (With shock absorber)



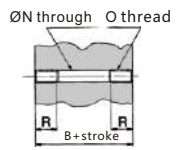
Dimensions (mm)

Chamfered type

BoreΦ20/CRS□20-□-K



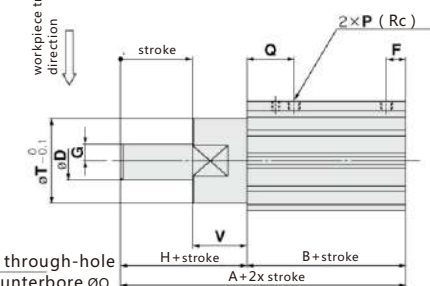
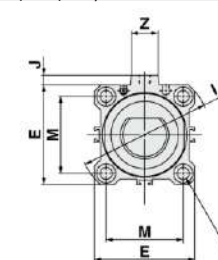
Both ends Female thread



Bore(mm)	B	N	O	R
20	49	5.5	—	—
32	57	5.5	M6x1	10
40	59	5.5	M6x1	10
50	64	6.6	M8x1.25	14

Chamfered type

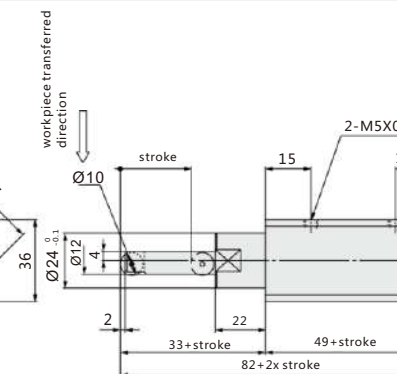
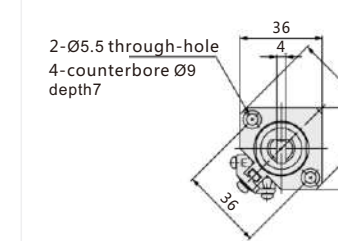
BoreΦ32、40、50/CRS□32-□-K



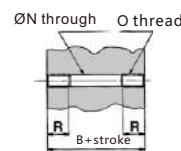
Bore (mm)	A	B	D	E	F	G	H	I	J	M	N	O	P	Q	T	V	Z
32	77	57	20	45	15	8	20	60	4.5	34	5.5	9 depth 7	Rc1/8	19	36	20	14
40	87	59	25	52	14	10	28	69	5	40	5.5	9 depth 7	Rc1/8	24	44	28	14
50	92	64	25	64	15	10	28	86	7	50	6.6	11 depth 8	Rc1/8	24	56	28	19

Roller type

BoreΦ20/CRS□20-□-R



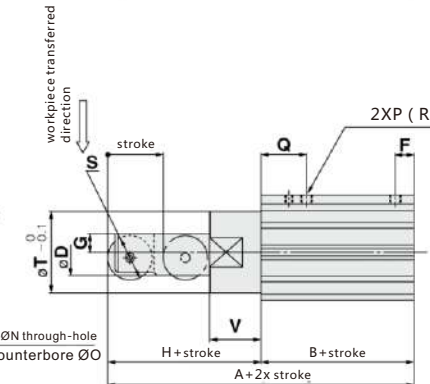
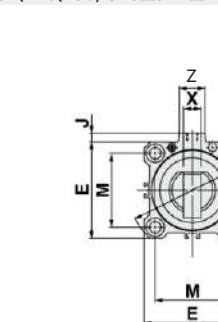
Both ends Female thread



Bore(mm)	B	N	O	R
20	49	5.5	—	—
32	57	5.5	M6x1	10
40	59	5.5	M6x1	10
50	64	6.6	M8x1.25	14

Roller type

boreΦ32、40、50/CRS□32-□-R

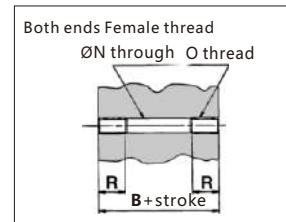
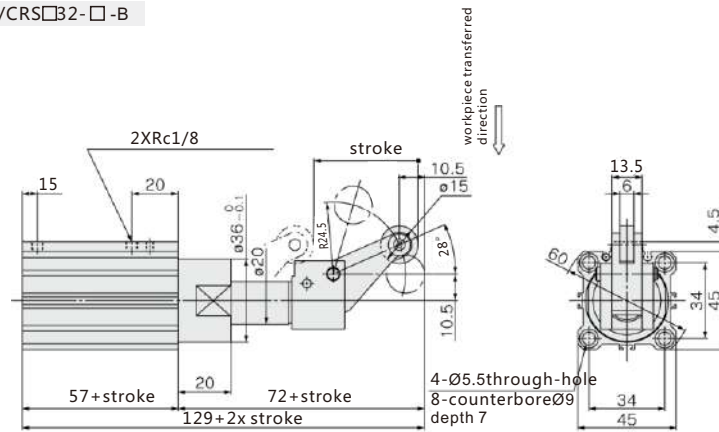


Bore (mm)	A	B	D	E	F	G	H	I	J	M	N	O	P	Q	S	T	V	X	Z
32	96	57	20	45	15	8	39	60	4.5	34	5.5	9 depth 7	Rc1/8	19	18	36	20	8	14
40	112	59	25	52	14	10	53	69	5	40	5.5	9 depth 7	Rc1/8	24	24	44	28	9	14
50	117	64	25	64	12	10	53	86	7	50	6.6	11 depth 8	Rc1/8	24	24	56	28	9	19

■ Dimensions (mm)

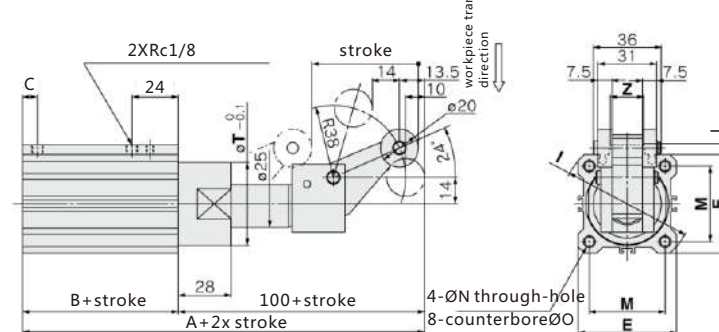
Lever type(with shock absorber)

Bore Φ 32/CRS□32-□-B



Bore(mm)	B	N	O	R
32	57	5.5	M6x1	10
40	59	5.5	M6x1	10
50	64	6.6	M8x1.25	14

BoreΦ40、Φ50 /CRS□□-□-B



Bore (mm)	A	B	C	E	I	J	M	N	O	R	T	Z
40	159	59	14	52	69	5	40	5.5	9 depth 7	10	44	14
50	164	64	15	64	86	7	50	6.6	11 depth 8	14	56	19

CRH Series Heavy Duty Stopper Cylinder



- Product feature

Stopper cylinder used in transmissions line. Workpiece stopped when it extend, do not need to make the conveyor line stop. The line still work when the cylinder return.

Thicker piston, enhance their ability to resist impact. With adjustable shock absorber and magnet ring.

Symbol



Double acting



Double acting
(internal spring)

■ Specification

Bore (mm)	32	50	63	80
Action	Double acting, Double acting(internal spring)			
Rod end configuration	Lever roller type(with shock absorber)			
Fluid	Compressed air			
Max. pressure	1.0MPa			
Ambient and fluid temp.	With switch : -10~+60℃ (No freezing)			
Cushion	Rubber bumper			
Lubrication	Non-lube(use ISO VG32 oil if needed)			
Installation	Flange			
Port size	1/8		1/4	

■ Stroke/Auto switch type

Bore (mm)	Standard (mm)	Switch model
32	20	
50	30	
63	30	
80	40	

■ Ordering code

CRH D 32 - 20 - M - K

Action _____

D	Double acting
B	Double acting(internal spring)

Bore _____

Stroke _____

Material of roller _____

M	S45C
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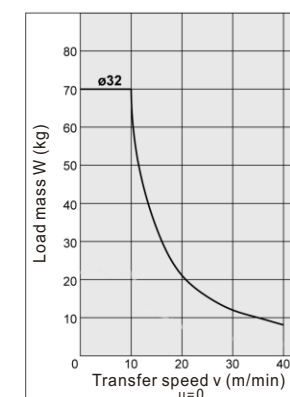
Option _____

Null	No option
K	with self-lock device
L	with lever lock

■ Operating Ranges by Rod End Configuration

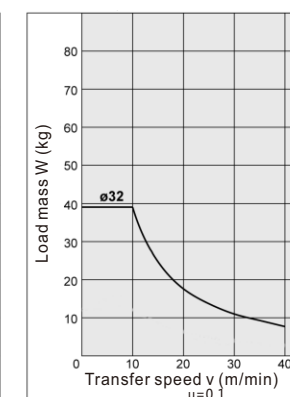
Sample1

BoreØ32, frictional factor $\mu=0$



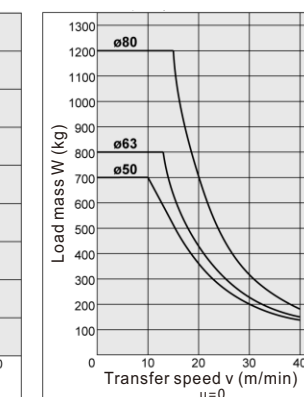
Sample2

BoreØ32, frictional factor $\mu=0.1$



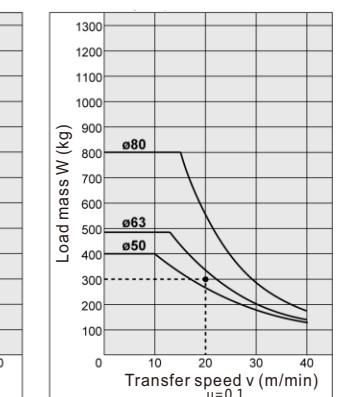
Sample3

BoreØ50,Ø63,Ø63, frictional factor $\mu=0$



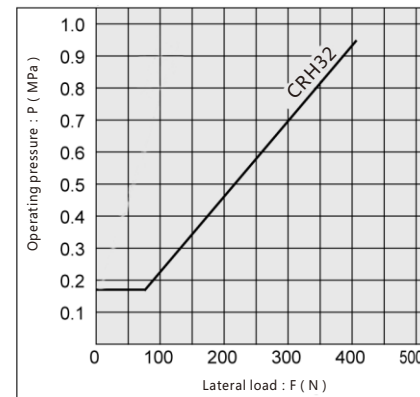
Sample4

BoreØ50,Ø63,Ø63, frictional factor $\mu=0.1$

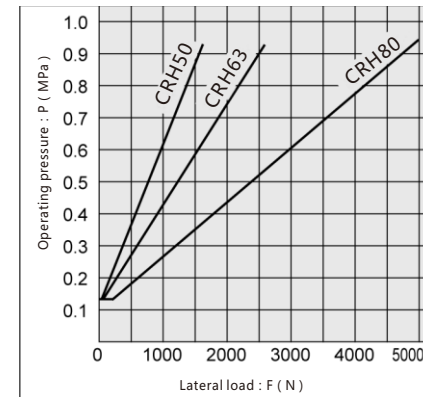


■ Lateral Load and Operating Pressure

CRH32

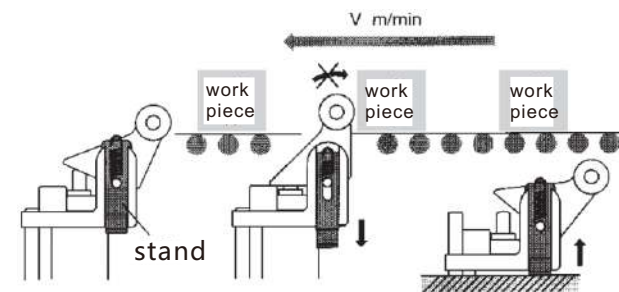


CRH50,63,80



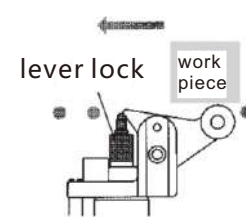
■ Options

With self-lock device



Initial position of roller
roller locked
release lock
Self-lock device can avoid light and roller and hydraulic buffer the impact after bounce.

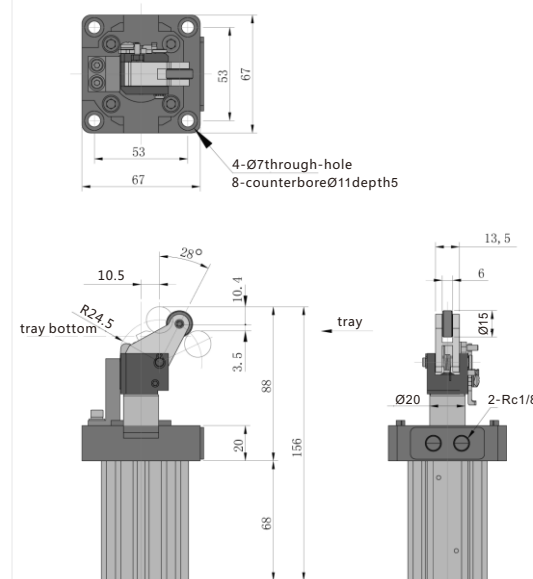
With lever lock



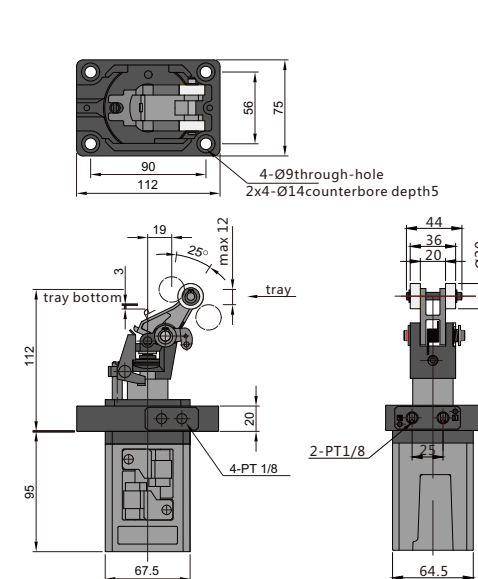
The workpiece could through the cylinder without being stopped by wheel.

■ Dimensions (mm)

CRH32-20

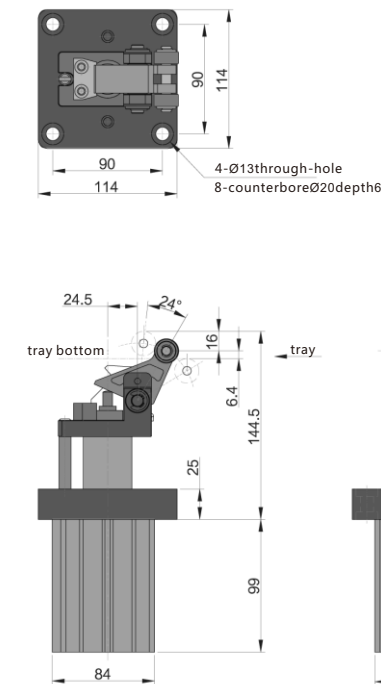


CRH50-30

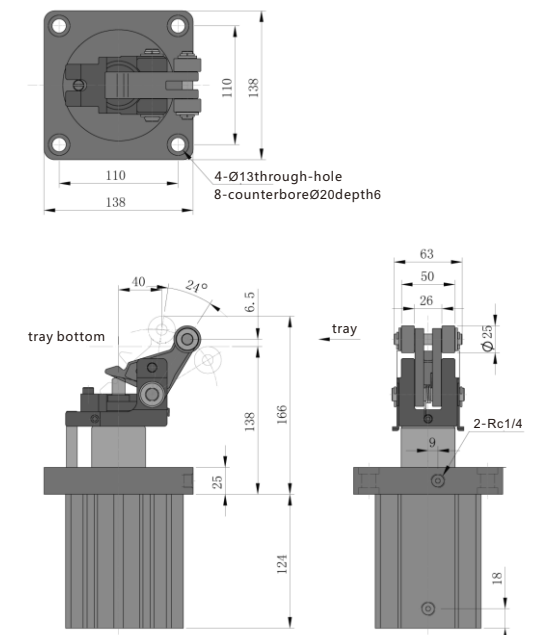


■ Dimensions (mm)

CRH63-30



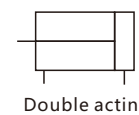
CRH80-40



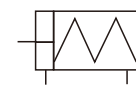


The cylinder usually used in transit, stop workpiece in extending and do not need stop the transit. workpiece through when it return. This type cylinder has greater force, quick action, good impact resistance, with magnet ring on piston.

Symbol



Double acting



Double acting
(internal spring)

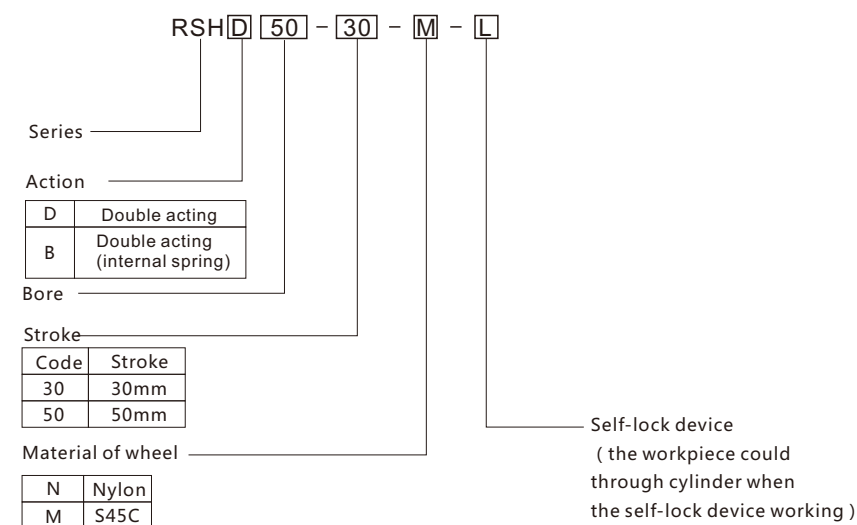
Specification

Series	RSH50-30	RSH50-50
Fluid	Compressed air	
Action	Double acting(internal spring)	Double acting
Installation	horizontal direction	
Max. pressure	1.5MPa	
Pressure range	0.15~0.8MPa	
Ambient and fluid temp.	0~60°C	
Lubrication	Non-lube	
speed range	50~500mm/s	
Cushion	Rubber bumper	
Weight of plate	5~600Kg	10~1400Kg

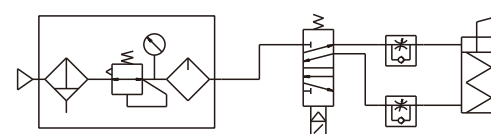
Parameter table

Code of absorber	SA2015	SA3625
Specification	M20X1.5	M36X1.5
absorber stroke	15mm	25mm
weight	1.3~280Kg	20~1800Kg
Max. impact resistance	1100N	6000N
Return force	8~15N	20~45N
Cylinder series	RSH50-30	RSH50-50

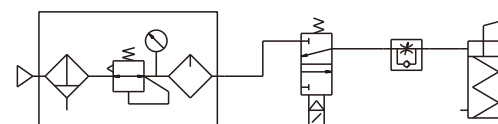
Ordering code



Piping illustration

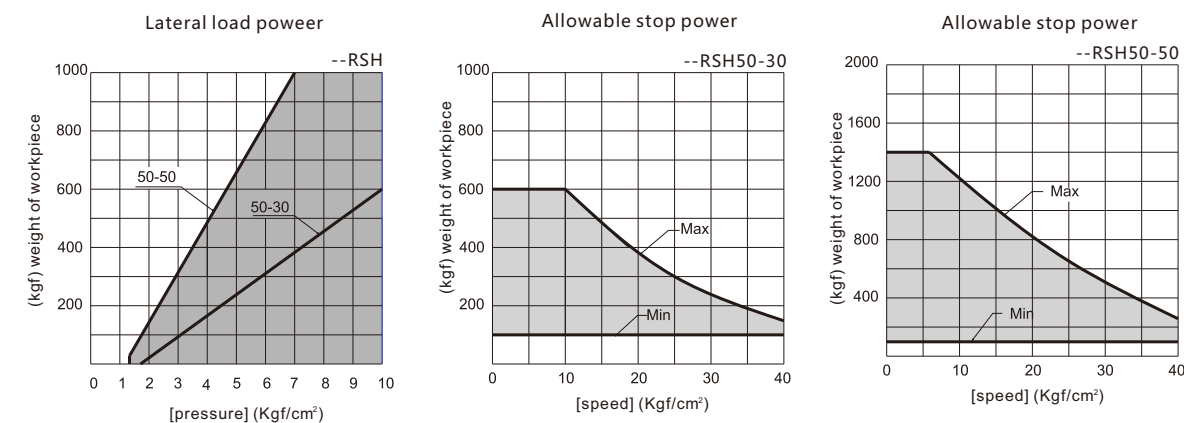


Double acting

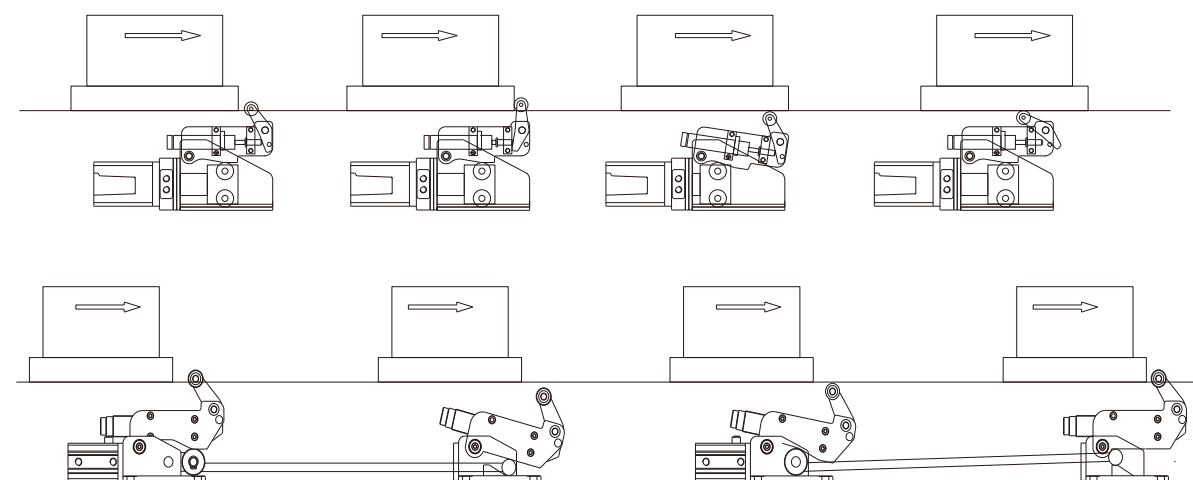


Single acting

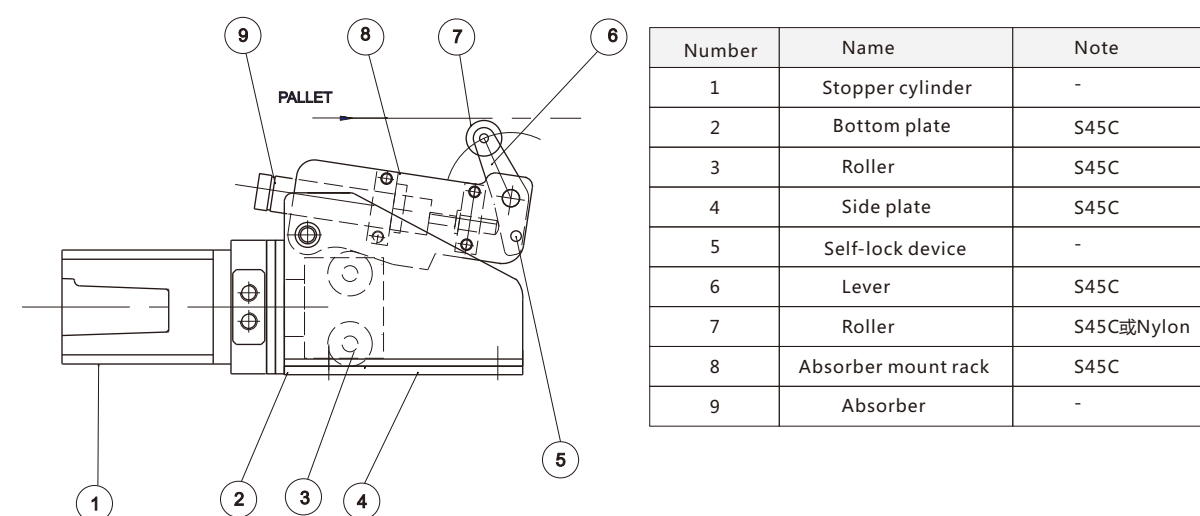
Lateral load and stop power



Application samples

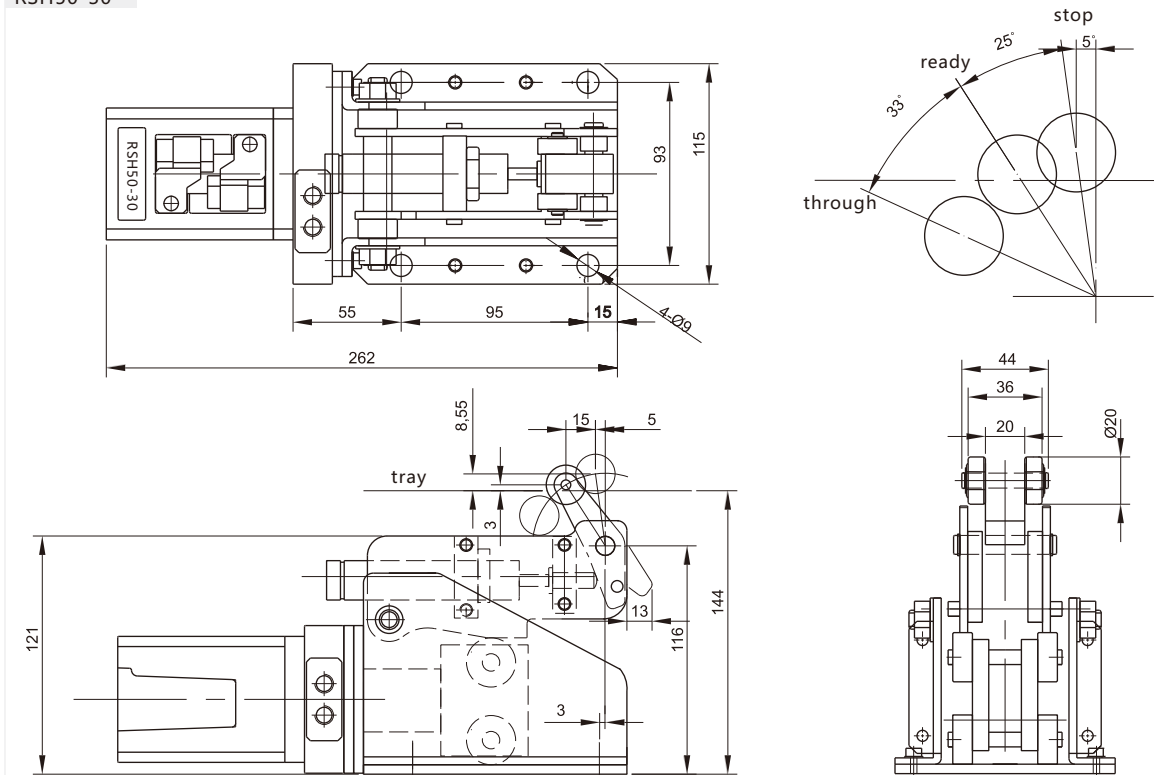


Structure dimensions



■ Dimensions (mm)

RSH50-30



RSH50-50

