

TECHNICAL
SPECIFICATIONS

Action	Double acting Single acting (Spring extend type)
Rod end configuration	Round bar type, Roller type, Lever type incorporating shock absorber (Only Ø40,Ø50)
Fluid	Air
Proof pressure	15 Bar
Max. operating pressure	9.9 Bar
Ambient and fluid temperature	-10 to +60°C
Lubrication	Non lube
Cushion	Rubber cushion
Stroke length tolerance	+1.4 0
Mounting options	Through hole, both ends tapped

STOPPER CYLINDER SERIES RSDQ
BORE SIZES Ø20, 30, 40, 50MM

- ✓ High side impact resistance for conveyor automation
- ✓ 3 varieties of rod design (i) Lever type incorporating shock absorber
(ii) Roller end type
(iii) Round bar type
- ✓ Magnetic piston standard



ACCESSORIES

AUTO SWITCHES

Type	Elect entry	Auto Switch	Application	Load voltage	Max. current or operating current range	Internal voltage drop	Current consumption	Indicator lamp	Lead wire length
Reed	Grommet	D-A73L	Relay, IC circuit, Sequence controller	200V AC	5-10mA	Max 2.4V	-	LED	3m
				24V DC	5-40mA				
				100V AC	5-20mA				
Reed	Grommet	D-A80L	Relay, IC circuit, Sequence controller	Max 24V ACDC	50mA	0	-	None	3m
				48V ACDC	40mA				
				100V ACDC	20mA				
Solid state PNP	Grommet	D-F79L	Relay, IC circuit, Sequence controller	Max 28V DC	Max 12mA	0.8V	Max 12mA	LED	3m
Solid state PNP	Grommet	D-F7PL	Relay, IC circuit, Sequence controller	-	Max 15mA	0.8V	Max15mA	LED	3m
Reed	Connector	D-A73CL	Relay, IC circuit, Sequence controller	200V AC	5-10mA	Max 2.4V	-	LED	3m
				24V DC	5-40mA				
				100V AC	5-20mA				
Reed	Connector	D-A80CL	Relay, IC circuit, Sequence controller	max 24V ACDC	50mA	0	-	None	3m
				48V ACDC	40mA				
				100V ACDC	20mA				

ACCESSORIES

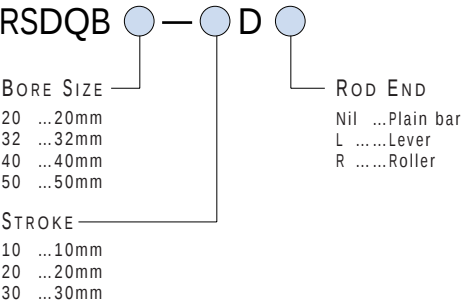
STOPPER CYLINDER SERIES RSQ

Auto Switches
Reed Type
With LampD-A79L
Without LampD-A80L
Solid State Type (NPN)D-F79L

STOCKED PRODUCTS
FOR A LIST OF STOCKED PRODUCTS,
PLEASE SEE THE CURRENT SMC PRICE LIST

HOW TO
ORDER

STOPPER CYLINDER SERIES RSDQ



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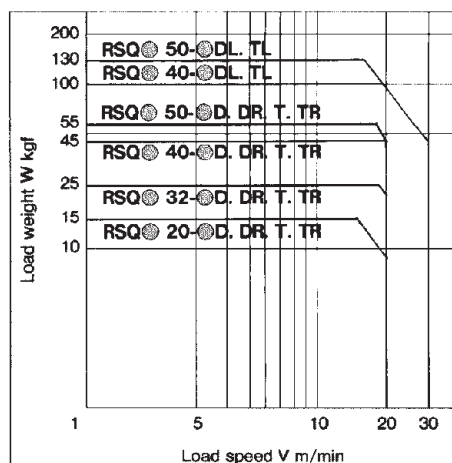
DIMENSIONS
SEE NEXT PAGE



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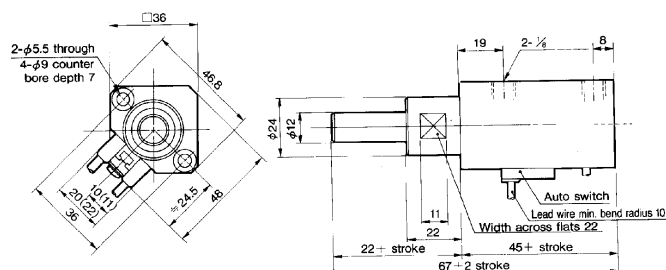
PRODUCT SELECTOR

In the case of load speed 15m/min and load weight 30kgf.
The intersection point of 15m/min(abcissa) and 30kgf
(ordinate) will fall within the maximum operating range of
the cylinder RSQ•40.



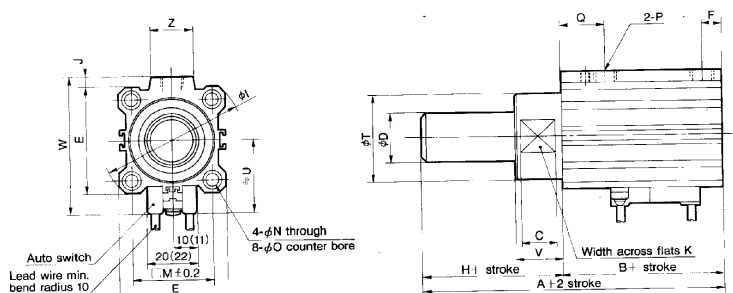
DIMENSIONS

ROUND BAR TYPE RSDQB20



DIMENSIONS

ROUND BAR TYPE RSDQB32,40,50



Bore	A	B	C	ØD	E	F	H	ØI	J	K	M	ØN	ØO counter bore
32	68	48	15	20	45	7.5	20	60	4.5	32	34	5.5	9 depth 7
40	80.5	52.5	18	25	52	8	28	69	5	41	40	5.5	9 depth 7
50	82	54	21	25	64	8	28	86	7	50	50	6.6	11 depth 8

Bore	O Thread	P	Q	R	ØT	U	V	W	Z
32	M6X1	1/8	20	10	36	31.5	20	58.5	18
40	M6X1	1/8	24.5	10	44	35	28	66	18
50	M8X1.25	1/8	24.5	14	56	41	28	80	22

MORE DIMENSIONS
SEE NEXT PAGE

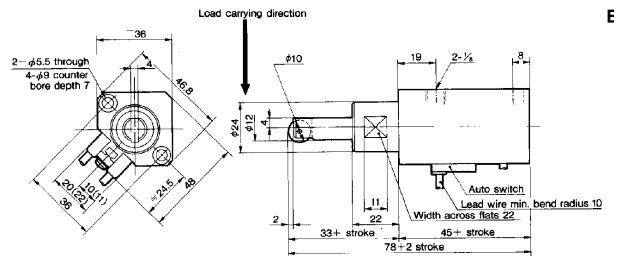


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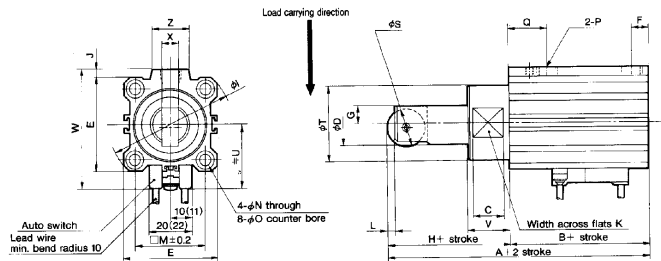


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DIMENSIONS
ROLLER TYPE RSDQB20

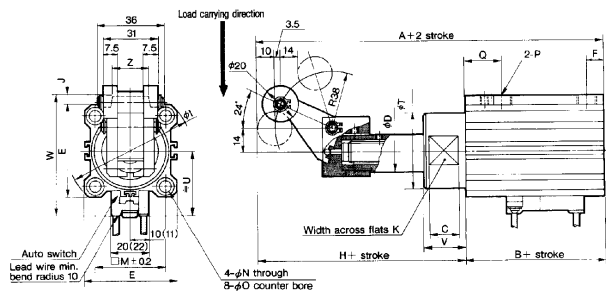


DIMENSIONS
ROLLER TYPE RSDQB32•40•50



Bore	A	B	C	ØD	E	F	G	H	ØI	J	K	L	M	ØN	ØØ counter bore	O Thread	P	Q	ØS	ØT	U	V	W	X	Z
32	87	48	15	20	45	7.5	8	39	60	4.5	32	3	34	5.5	9 depth 7	M6X1	1/8	20	18	36	31.5	20	58.5	8	18
40	105.5	52.5	18	25	52	8	10	53	69	5	41	4	40	5.5	9 depth 7	M6X1	1/8	24.5	24	44	35	28	66	9	18
50	107	54	21	25	64	8	10	53	86	7	50	4	50	6.6	11 depth 8	M8X1.25	1/8	24.5	24	56	41	28	80	9	22

DIMENSIONS
LEVER TYPE RSDQB40•50



Bore (mm)	A	B	C	ØD	E	F	H	ØI	J	K	M	ØN	ØØ counter bore	O thread	P	Q	R	ØT	U	V	W	Z
40	152.5	52.5	18	25	52	8	100	69	5	41	40	5.5	9 depth 7	M6X1	1/8	24.5	10	44	35	28	66	18
50	154	54	21	25	64	8	100	86	7	50	50	6.6	11 depth 8	M8X1.25	1/8	24.5	14	56	41	28	80	22