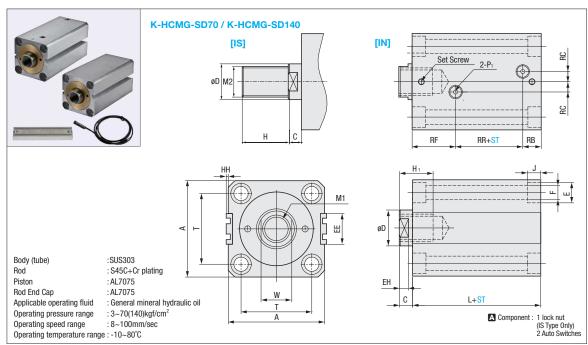
## **HYDRAULIC CYLINDER - COMPACT**

-Compact (Switch Mounted Single Rod Type) SD 70 • 140kgf/cm<sup>2</sup> Basic Type-



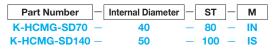
Internal	Rod B Type			_	_	w	(*)	Н	С	EH	Е	F		(*) RR	RF	( <b>*</b> ) RB	RC	P.	нн	EE	
Diameter	D	Н	M1	M2	Α	'	VV	_	п		En		Г	J	nn	nr	ND	nu	F <sub>1</sub>	пп	
32	18	25	M12×P1.75	M16×P1.5	62	47	14	69	15	10	7	11	6.6	6.5	29	28	12	10	PT1/4	2	23
40	22	30	M16×P2	M20×P1.5	70	52	19	70	20	10	7	14	9	8.6	31	27	12	10	PT1/4	2	26
50	28	35	M20×P2.5	M24×P1.5	80	58	24	75	24	11	8	17.5	11	10.8	34	28	13	10	PT1/4	2	30
63	35	45	M27×P3	M30×P1.5	94	69	30	82	33	13	9	20	14	13	39	30	13	10	PT1/4	2	30
80	45	60	M30×P3.5	M39×P1.5	114	86	41	93	36	17	14	23	16	15.2	40	35	18	15	PT3/8	2	30
100	55	75	M39×P4	M48×P1.5	140	105	50	125	45	20	14	26	18	17.5	50	50	25	18	PT1/2	1	30
125	70	95	M48×P5	M64×P2.0	170	130	65	155	50	25	18	32	22	21.5	47	70	38	23	PT3/4	1	30

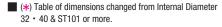
• When the internal diameter is set at 32 ⋅ 40 & ST101 or more, then dimensions marked with (\*) in the above table will change as shown in the table below.

Part Nu	ımber		1mm increments	Rod End M			
TYPE	Na	Internal Diameter	ST				
ITPE	No.		51	Female Screw	Male Screw		
		32	5 ≦ ST ≦ 100 (*) 101 ≦ ST ≦ 200		IS		
K-HCMG	0070	40	• When the internal diameter is set at 32 • 40 & ST101 or more, then dimensions marked with (★) in the above table will change as shown in the table below.	IN			
(Switch Mounted Single	SD70	50					
Rod Type)	SD140	63					
		80	5 ≦ <b>ST</b> ≦ 200				
		100					
		125					

<sup>\*</sup> K-HCMG type has two default auto switches mounted on the right. If you want to change the quantity of the auto switch, please contact us.



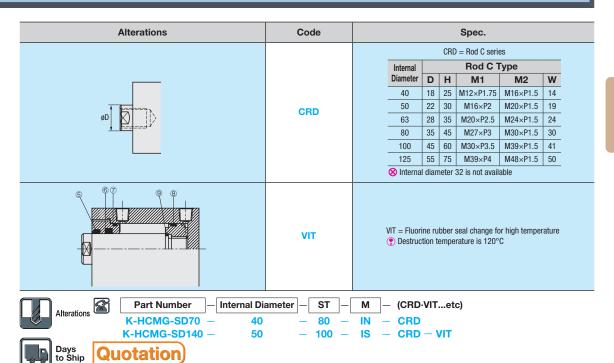




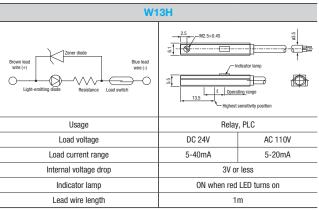




Internal Diameter	L	RR	RB			
32	87	31	28			
40	87	33	27			



## <Specifications of auto switch>



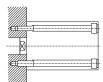


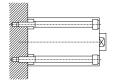
- \* The default packaging quantity is 1. Please purchase two switches when purchase of 1 hydraulic cylinder.
- \* Short strokes such as ST5~30 are replaced with low sensitivity switch.

uotation

\* Please contact us while changing the lead wire length.

## ■ Mounting method





## ■ Terms & Conditions:

- Warranty period: 1 year (based on the date of MISUMI shipment)
- If the internal part of the cylinder is damaged due to the use of contaminated oil (mixing iron, chips, etc.), repair cost will be charged regardless of the warranty period.
- For the buckling load, please check reference data.
- At the time of mounting, please align the centre of the rod's axis with the direction of load's motion accurately. If the centre is shifted, it may cause malfunction, leakage, packing damage and cylinder damage.
- When using extreme cold, extreme high temperature, extreme low pressure, and extreme high pressure, please contacts us before ordering. Packing and seal changes are required depending on the environment.
- The state of the first of the state of the s for easy identification.