

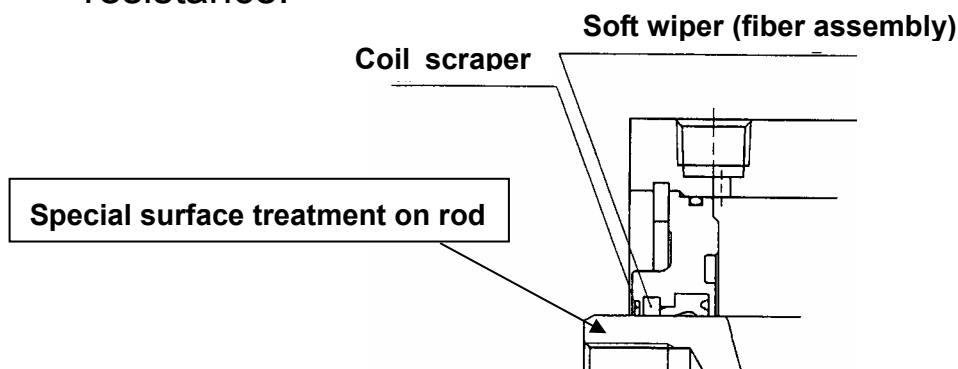
Spatter resistant compact cylinder

CDQ2B - D - X1386

SMC CORPORATION
4-14-1 Soto-kanda, Chiyoda-ku
Tokyo 101-0021, JAPAN
URL: <http://www.smcworld.com>

Features:

- 1) Special treatment on the piston rod to give it improved spatter resistance.
- 2) Metal scraper removes spatter on the rod surface and avoids spatter going into the cylinder inner part.
- 3) Adopting soft wiper (fiber assembly) enables to provide a good lubrication film on the rod surface to improve resistance.

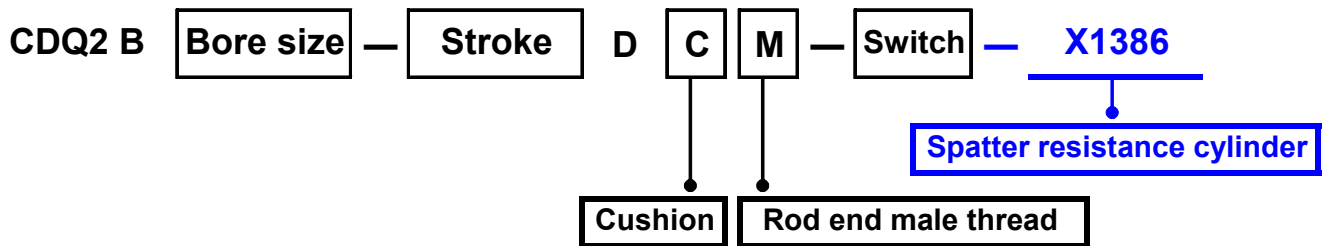


	Coil scraper (Removes spatter)	Surface treatment on rod (Prevention of spatter)	Soft wiper (Maintain rod lubrication film)
CQ2 - -XC35			
CQ2 - -X838			
CQ2 - -X1386			

Application: Usable in an environment where welding is carrying out.



How to Order



Specification

Bore size (mm)	32	40	50	63	80	100
Stroke (mm)	5, 10, 15, 20, 25, 30, 35, 40, 45 50, 75, 100			10, 15, 20, 25, 30, 35, 40, 45 50, 75, 100		
Mounting	Standard					
Cushion	Without cushion, rubber cushion					
Rod end thread	Female thread, male thread					
Magnet	Built-in					
Applicable auto switch	Same as standard					
Overall length	+ 10mm to standard product					

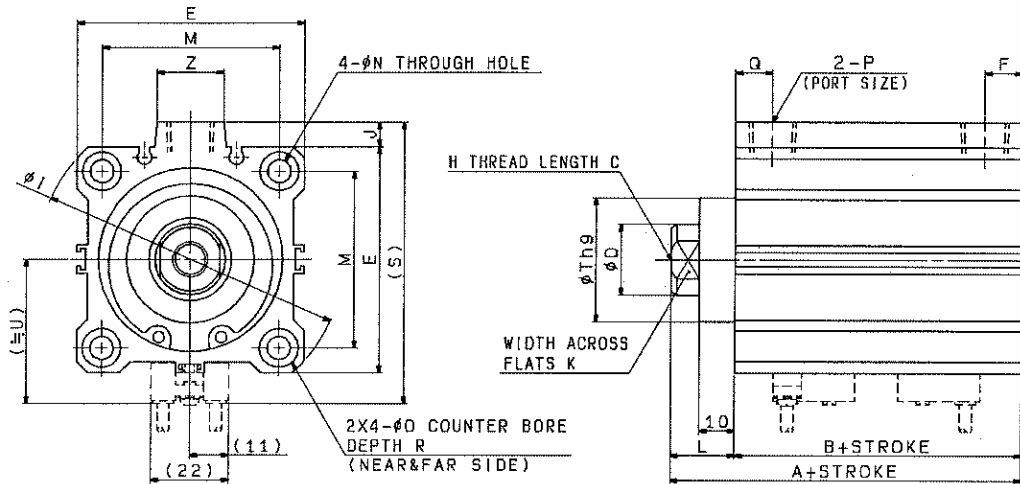
Warning

Magnetic field resistant solid state auto switch: D-P5DWL type is available from 40 up to 100 only. D-P5DWL is intended for use with single-phase AC welders. They are not compatible with DC inverter welders (including rectifying type welders), arc welders or condenser type welders.

Also, protect auto switches with cover or something to avoid having direct contact with spatter.

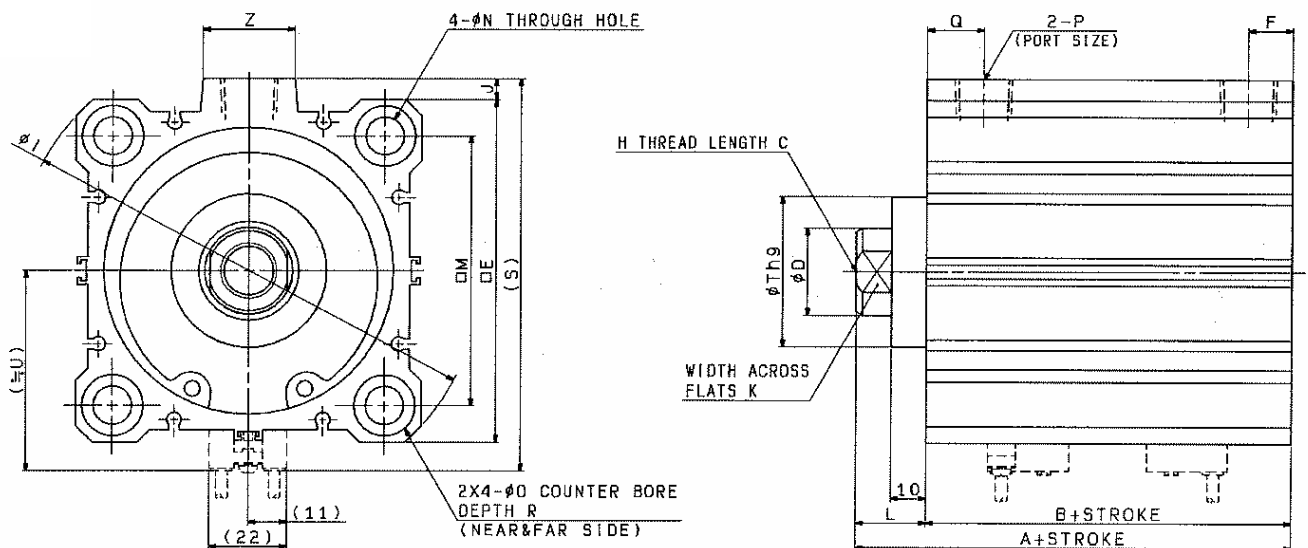
Dimensions: mm

Rod end Female thread
 $\phi 32 \sim \phi 50$



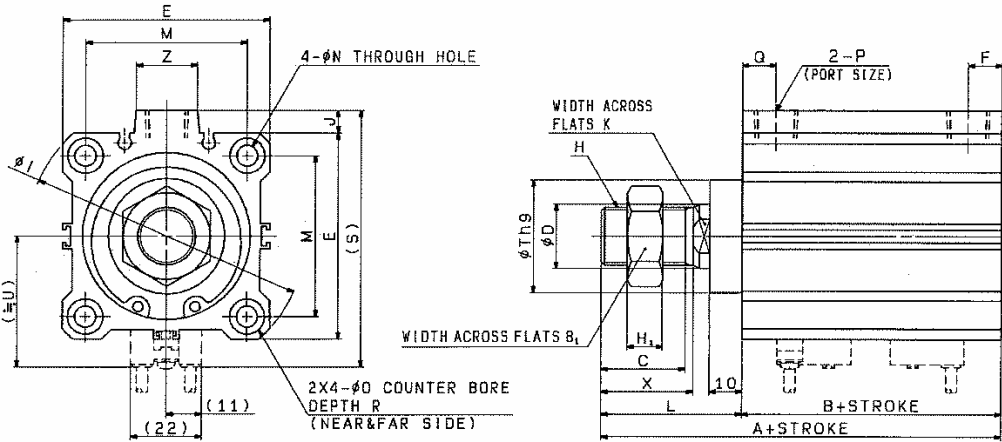
		NOTE 2), 3)																					
BORE SIZE	MARKS	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S	Th9	U	Z	STROKE
32		50	33	13	16	45	7.5	M8x1.25	60	4.5	14	17	34	5.5	9	Rc 1/8	10.5	7	58.5	23 ⁰ _{-0.002}	31.5	14	5~50, 75, 100
40		56.5	39.5	13	16	52	8	M8x1.25	69	5	14	17	40	5.5	9	Rc 1/8	11	7	66	28 ⁰ _{-0.002}	35	14	
50		58.5	40.5	15	20	64	10.5	M10x1.5	86	7	17	18	50	6.6	11	Rc 1/4	10.5	8	80	35 ⁰ _{-0.002}	41	19	

$\phi 63 \sim \phi 100$



		NOTE 2), 3)																					
BORE SIZE	MARKS	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S	Th9	U	Z	STROKE
63		64	46	15	20	77	10.5	M10x1.5	103	7	17	18	60	9	14	Rc 1/4	15	10.5	93	35 ⁰ _{-0.002}	47.5	19	10~50, 75, 100
80		73.5	53.5	21	25	98	12.5	M16x2.0	132	6	22	20	77	11	17.5	Rc 3/8	16	13.5	112.5	43 ⁰ _{-0.002}	57.5	26	
100		85	63	27	30	117	13	M20x2.5	158	6.5	27	22	94	11	17.5	Rc 3/8	23	13.5	132.5	59 ⁰ _{-0.074}	67.5	26	

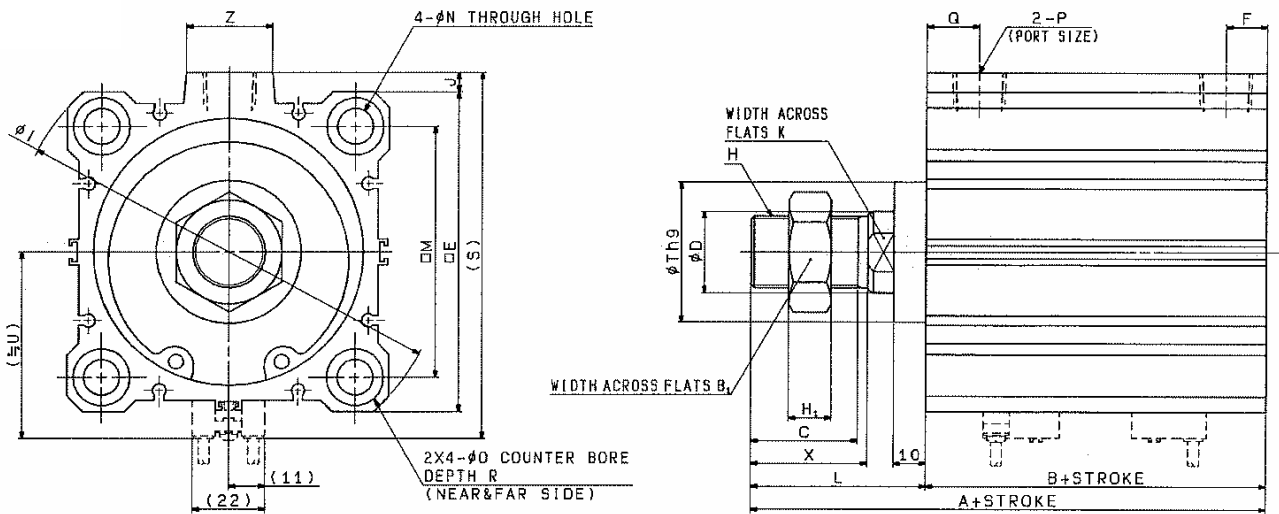
Rod end male thread φ32 ~ φ50



NOTE2), 3)

MARKS BORE SIZE	A	B	B ₁	C	D	E	F	H	H ₁	I	J	K	L	M	N	O	P	Q	R	S	Th9	U	X	Z	STROKE
32	71.5	33	22	20.5	16	45	7.5	M14x1.5	8	60	4.5	14	38.5	34	5.5	9	Rc 1/8	10.5	7	58.5	23 ^{+0.002} _{-0.002}	31.5	23.5	14	5~50, 75, 100
40	78	39.5	22	20.5	16	52	8	M14x1.5	8	69	5	14	38.5	40	5.5	9	Rc 1/8	11	7	66	28 ^{+0.002} _{-0.002}	35	23.5	14	5~50, 75, 100
50	84	40.5	27	26	20	64	10.5	M18x1.5	11	86	7	17	43.5	50	6.6	11	Rc 1/4	10.5	8	80	35 ^{+0.002} _{-0.002}	41	28.5	19	10~50, 75, 100

φ63 ~ φ100



NOTE2), 3)

MARKS BORE SIZE	A	B	B ₁	C	D	E	F	H	H ₁	I	J	K	L	M	N	O	P	Q	R	S	Th9	U	X	Z	STROKE
63	89.5	46	27	26	20	77	10.5	M18x1.5	11	103	7	17	43.5	60	9	14	Rc 1/4	15	10.5	93	35 ^{+0.002} _{-0.002}	47.5	28.5	19	10~50, 75, 100
80	107	53.5	32	32.5	25	98	12.5	M22x1.5	13	132	6	22	53.5	77	11	17.5	Rc 3/8	16	13.5	112.5	43 ^{+0.002} _{-0.002}	57.5	35.5	26	10~50, 75, 100
100	116.5	63	41	32.5	30	117	13	M26x1.5	16	156	6.5	27	53.5	94	11	17.5	Rc 3/8	23	13.5	132.5	59 ^{+0.002} _{-0.002}	67.5	35.5	26	10~50, 75, 100

⚠ Caution : To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety instructions" in our "Best Pneumatics" general catalog before use.