



C(D)85W, ISO Cylinder, Double Acting, Double Rod CD85WE25-200-B

Datasheet

General series information

- ISO cylinder, double acting, double rod
- Fluid: air
- Bore sizes (mm): 8, 10, 12, 16, 20, 25
- Strokes (mm): up to 300 (depending on bore)
- Auto switches available (order separate)



Double-acting cylinder with double piston rod

Standard specifications

Magnet	D (Built-in)
Bore Size	Ø25 mm
Stroke	200
Cushion	Rubber Cushion
Rod Boot	Standard
Switch Mounting	B (Band)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Rod End Options	None
Temperature Resistance	None
Made of Stainless Steel	None
Long Stroke	None
Pressure medium	Compressed Air
Maximum temperature of pressure medium with magnet	80°C
Minimum temperature of pressure medium with magnet	-20°C
Maximum operating pressure	1 MPa
Minimum operating pressure	0.05 MPa

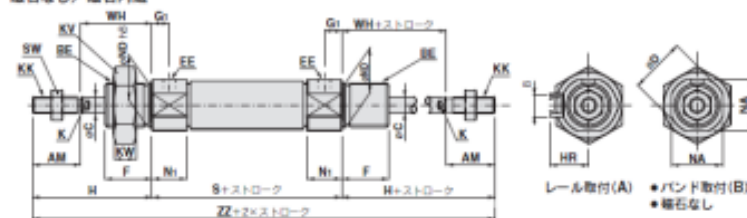
Proof pressure	1.5 MPa
Maximum ambient temperature with magnet	80°C
Minimum ambient temperature with magnet	-20°C
Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/8
Mode of operation of drive	Double acting
Maximum piston speed	1500 mm/s
Type of cushioning	Rubber bumper
Type of Stroke end	Double rod
Piston rod end	External thread
Male thread of rod end	M10 x 1.25
Weight	1.040 Kg

Dimensions

振動・筒ロッド

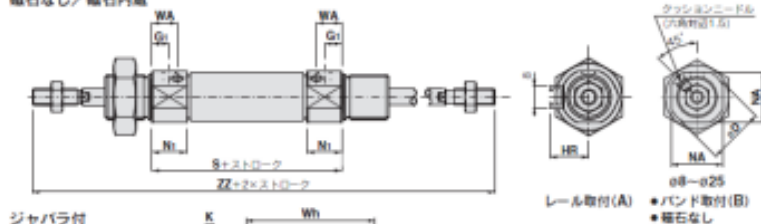
オーバーアクション：C□85WE [チューブ内蔵] - [ストローク] - □

磁石なし/磁石内蔵

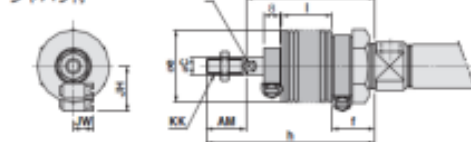


エアクション：C□85WE [チューブ内蔵] - [ストローク] C=□

磁石なし/磁石内蔵



ジャバラ付



寸法表

寸法表		寸法																			質量		
内径	AM	BE	C	D	EE	F	G1	H	HR	K	KK	KV	KW	N	NA	ND	S	SW	WA	WH	ZZ		
8	12	M12×1.25	4	16.7	M5×0.8	12	7	28	10	—	M4×0.7	10	6	11.5	15	12	48	54	7	—	16	104	110
10	12	M12×1.25	4	16.7	M5×0.8	12	7	28	10	10.5	M4×0.7	10	6	11.5	15	12	48	54	7	10.5	16	104	109
12	16	M16×1.5	6	19.7	M5×0.8	17	9	35	14	5	M6×1	24	8	25	12.5	18.2	16	52	54	10	9.5	22	128
16	16	M16×1.5	6	19.7	M5×0.8	17	9	35	14	5	M6×1	24	8	25	12.5	18.2	16	52	54	10	9.5	22	128
20	20	M22×1.5	8	26	G 1/8	20	8	44	17	6	M8×1.25	32	11	15	17	24	22	62	13	13	24	150	
25	22	M22×1.5	10	23.5	G 1/8	22	8	50	20	8	M10×1.25	32	11	15	17	30	22	65	17	13	28	165	

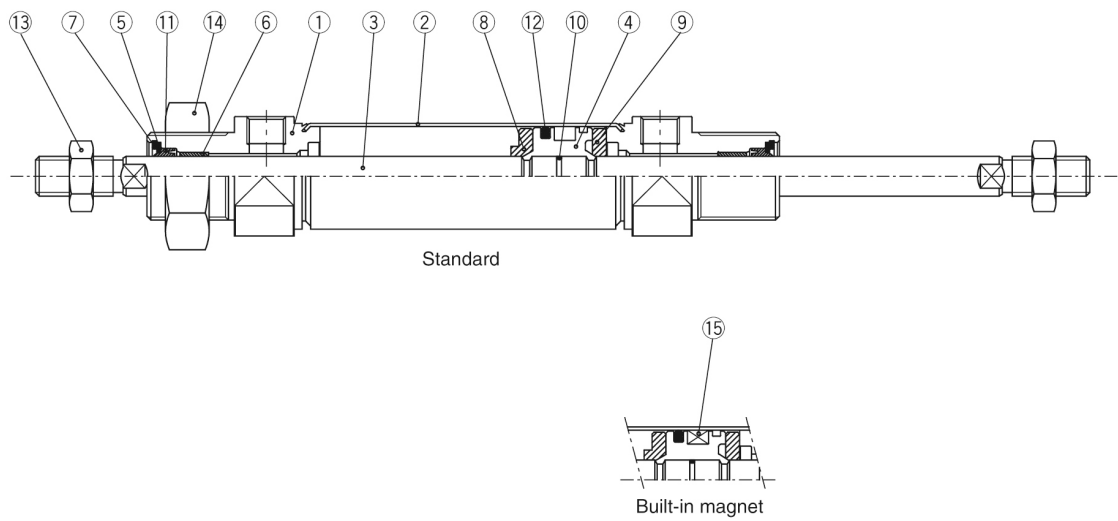
()内はエアクションの場合。()内は磁石内蔵の場合。

ジャバラ付

チューブ内径	AM	C	e	f	K	KK	h										Wh					
20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130
20	22	10	36	20	8	M6×1.25	71	84	96	109	134	150	—	—	—	—	—	—	—	—	—	—
25	22	10	36	20	8	M10×1.25	74	87	99	112	137	162	187	—	—	—	—	—	—	—	—	—
20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130
20	22	10	36	20	8	M10×1.25	74	87	99	112	137	162	187	—	—	—	—	—	—	—	—	—
25	22	10	36	20	8	M10×1.25	74	87	99	112	137	162	187	—	—	—	—	—	—	—	—	—

Constructions

C□85WE 20, 25 Rubber bumper



Component Parts

No.	Description	Material	Quantity	Remarks
①	Rod cover	Aluminum alloy	2	White anodized
②	Cylinder tube	Stainless steel	1	
③	Piston rod	Carbon steel	1	Hard chrome plated
④	Piston	Aluminum alloy	1	Chromated
⑤	Plain washer	Carbon steel	2	Nickel plated
⑥	Bushing	Sintered bronze	2	
⑦	Retaining ring	Carbon steel	2	Nickel plated
⑧	Bumper A	Urethane	1	

No.	Description	Material	Quantity	Remarks
⑨	Bumper B	Urethane	1	
⑩	Piston gasket	NBR	1	
⑪	Rod seal	NBR	2	
⑫	Piston seal	NBR	1	
⑬	Rod end nut	Carbon steel	2	Nickel plated
⑭	Mounting nut	Carbon steel	1	Nickel plated
⑮	Magnet		1	(Switch style only)

Additional information

Catalogue

[C85_C75-A_EU.pdf](#)