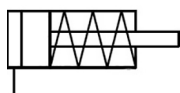


C(D)85-S/T, ISO Cylinder, Single Acting, Single Rod CD85N16-50S-A

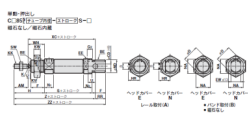
- Single acting, single rod, spring return/spring extend
- Conforms to ISO standard 6432
- Bore sizes (mm): 8, 10, 12, 16, 20, 25
- Standard strokes up to 150mm
- Auto switch capable



Single-acting cylinder, single piston rod, return stroke by spring

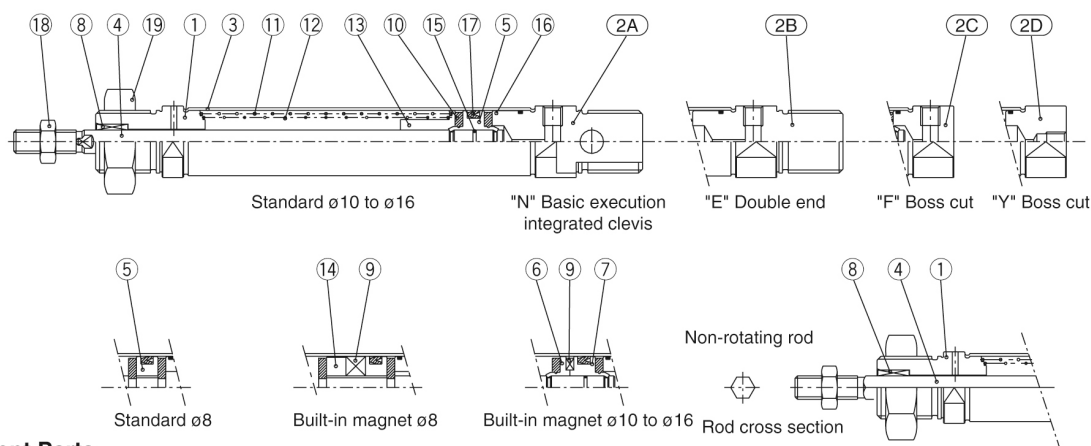
Magnet	D (Built-in)
Mounting	N (Basic Integrated Clevis)
Bore Size	Ø16 mm
Stroke	50
Action	S (Spring Return)
Switch Mounting	A (Rail)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Rod End Options	None
Made of Stainless Steel	None
-	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	0.13 Mpa
Proof pressure	1.5 MPa
Maximum ambient temperature with magnet	80°C
Minimum ambient temperature with magnet	-20°C

Pneumatic input connection	M5
Pneumatic output connection	M5
Mode of operation of drive single	Single acting, spring return
Maximum piston speed	1500 mm/s
Type of cushioning	Rubber bumper
Piston rod end	External thread
Male thread of rod end	M6
Weight	0.133 Kg



行	列	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	KL	KM	KN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
行	列	A																										B																										C																										D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
列	行	1																										2																										3																										4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	A	1A																										1B																										1C																										1D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
2	A	2A																										2B																										2C																										2D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
3	A	3A																										3B																										3C																										3D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
4	A	4A																										4B																										4C																										4D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
5	A	5A																										5B																										5C																										5D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
6	A	6A																										6B																										6C																										6D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
7	A	7A																										7B																										7C																										7D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
8	A	8A																										8B																										8C																										8D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
9	A	9A																										9B																										9C																										9D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
10	A	10A																										10B																										10C																										10D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
11	A	11A																										11B																										11C																										11D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
12	A	12A																										12B																										12C																										12D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
13	A	13A																										13B																										13C																										13D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
14	A	14A																										14B																										14C																										14D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
15	A	15A																										15B																										15C																										15D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
16	A	16A																										16B																										16C																										16D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
17	A	17A																										17B																										17C																										17D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
18	A	18A																										18B																										18C																										18D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
19	A	19A																										19B																										19C																										19D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
20	A	20A																										20B																										20C																										20D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
21	A	21A																										21B																										21C																										21D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
22	A	22A																										22B																										22C																										22D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
23	A	23A																										23B																										23C																										23D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
24	A	24A																										24B																										24C																										24D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
25	A	25A																										25B																										25C																										25D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
26	A	26A																										26B																										26C																										26D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
27	A	27A																										27B																										27C																										27D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
28	A	28A																										28B																										28C																										28D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
29	A	29A																										29B																										29C																										29D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
30	A	30A																										30B																										30C																										30D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
31	A	31A																										31B																										31C																										31D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
32	A	32A																										32B																										32C																										32D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
33	A	33A																										33B																										33C																										33D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
34	A	34A																										34B																										34C																										34D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
35	A	35A																										35B																										35C																										35D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
36	A	36A																										36B																										36C																										36D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
37	A	37A																										37B																										37C																										37D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
38	A	38A																										38B																										38C																										38D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
39	A	39A																										39B																										39C																										39D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
40	A	40A																										40B																										40C																										40D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
41	A	41A																										41B																										41C																										41D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
42	A	42A																										42B																										42C																										42D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
43	A	43A																										43B																										43C																										43D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
44	A	44A																										44B																										44C																										44D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
45	A	45A																										45B																										45C																										45D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
46	A	46A																										46B																										46C																										46D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
47	A	47A																										47B																										47C																										47D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
48	A	48A																										48B																										48C																										48D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
49	A	49A																										49B																										49C																										49D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
50	A	50A																										50B																										50C																										50D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
51	A	51A																										51B																										51C																										51D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
52	A	52A																										52B																										52C																										52D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
53	A	53A																										53B																										53C																										53D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
54	A	54A																										54B																										54C																										54D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
55	A	55A																										55B																										55C																										55D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
56	A	56A																										56B																										56C																										56D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
57	A	57A																										57B																										57C																										57D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
58	A	58A																										58B																										58C																										58D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
59	A	59A																										59B																										59C																										59D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
60	A	60A																										60B																										60C																										60D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
61	A	61A																										61B																										61C																										61D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
62	A	62A																										62B																										62C																										62D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
63	A	63A																										63B																										63C																										63D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
64	A	64A																										64B																										64C																										64D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
65	A	65A																										65B																										65C																										65D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
66	A	66A																										66B																										66C																										66D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
67	A	67A																										67B																										67C																										67D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
68	A	68A																										68B																										68C																										68D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
69	A	69A																										69B																										69C																										69D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
70	A	70A																										70B																										70C																										70D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
71	A	71A																										71B																										71C																										71D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
72	A	72A																										72B																										72C																										72D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
73	A	73A																										73B																										73C																										73D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
74	A	74A																										74B																										74C																										74D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
75	A	75A																										75B																										75C																										75D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
76	A	76A																										76B																										76C																										76D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
77	A	77A																										77B																										77C																										77D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
78	A	78A																										78B																										78C																										78D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
79	A	79A																										79B																										79C																										79D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
80	A	80A																										80B																										80C																										80D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
81	A	81A																										81B																										81C																										81D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
82	A	82A																										82B																										82C																										82D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
83	A	83A																										83B																										83C																										83D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
84	A	84A																										84B																										84C																										84D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
85	A	85A																										85B																										85C																										85D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
86	A	86A																										86B																										86C																										86D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
87	A	87A																										87B																										87C																										87D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
88	A	88A																										88B																										88C																										88D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
89	A	89A																										89B																										89C																										89D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
90	A	90A																										90B																										90C																										90D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
91	A	91A																										91B																										91C																										91D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
92	A	92A																										92B																										92C																										92D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
93	A	93A																										93B																										93C																										93D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
94	A	94A																										94B																										94C																										94D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
95	A	95A																										95B																										95C																										95D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
96	A	96A																										96B																										96C																										96D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
97	A	97A																										97B																										97C																										97D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
98	A	98A																										98B																										98C																										98D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
99	A	99A																										99B																										99C																										99D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
100	A	100A																										100B																										100C																										100D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

Single acting: Single rod Spring return/C□85□8 to 16-□S (Disassembly is not possible)



Component Parts

No.	Description	Material	Quantity	Remarks
①	Rod cover	Aluminum alloy	1	White anodized
②A	Head cover N	Aluminum alloy	1	White anodized
②B	Head cover E	Aluminum alloy	1	White anodized
②C	Head cover F	Aluminum alloy	1	White anodized
②D	Head cover Y	Aluminum alloy	1	White anodized
③	Cylinder tube	Stainless steel	1	
④	Piston rod	Stainless steel	1	
⑤	Piston	Brass	1	
⑥	Piston A	Brass	1	(Switch style only)
⑦	Piston B	Brass	1	(Switch style only)
⑧	Bushing	Sintered bronze	1	

No.	Description	Material	Quantity	Remarks
⑨	Magnet		1	(Switch style only)
⑩	Bumper	Urethane	2	
⑪	Return spring A	Piano wire	1	
⑫	Return spring B	Piano wire	1	
⑬	Spring guide	Brass	1	
⑭	Spacer	Brass	1	
⑮	Piston gasket	NBR	1	
⑯	Tube gasket	NBR	1	
⑰	Piston seal	NBR	1	
⑱	Rod end nut	Carbon steel	1	Nickel plated
⑲	Mounting nut	Carbon steel	1	Nickel plated

-
-

C85_C75-A_EU.pdf