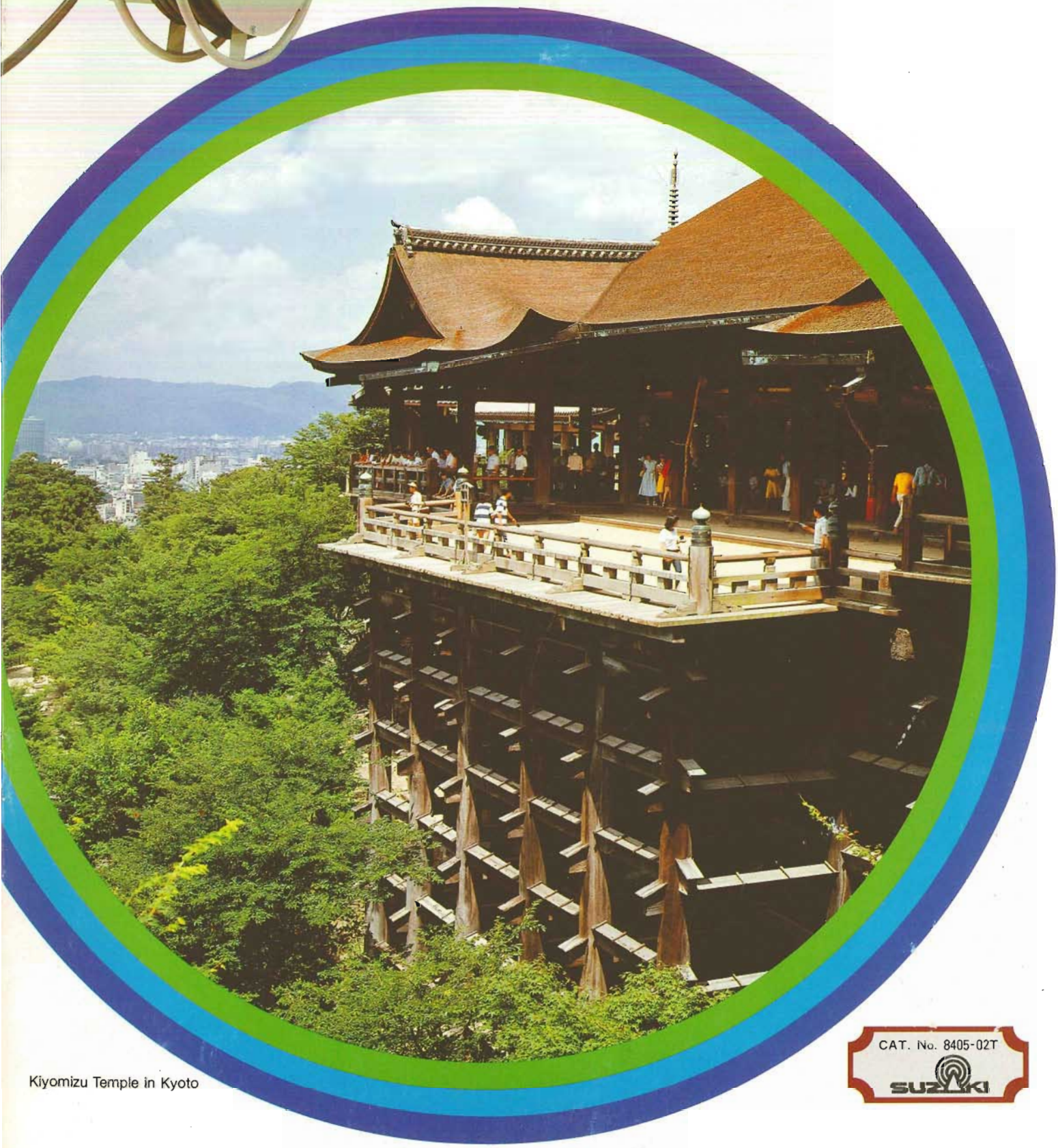
SUZUKI

AUTO REEL

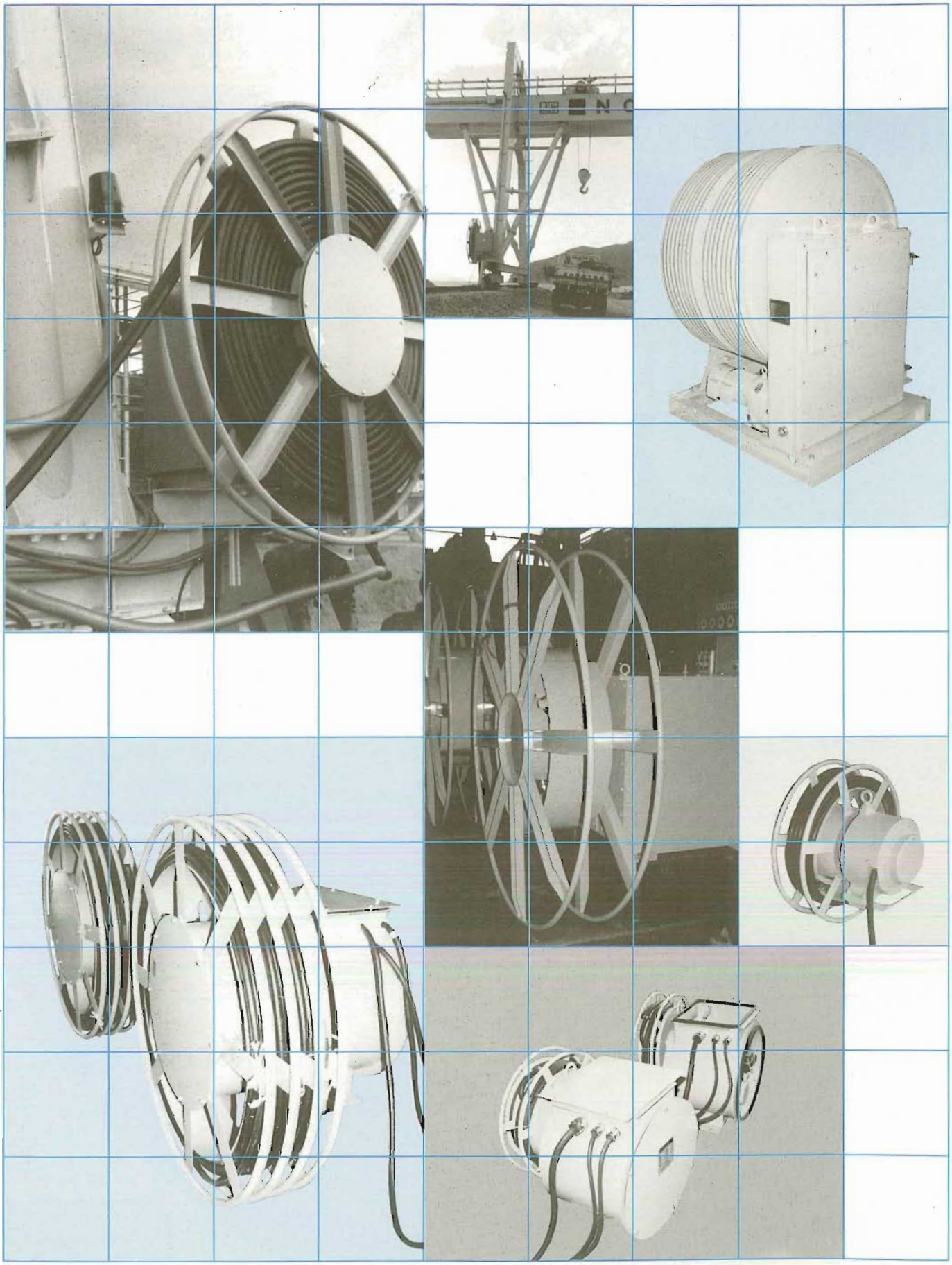


Kiyomizu Temple in Kyoto

CAT. No. 8405-02T

SUZUKI

High Quality, Long Life, Safty, Economical, **SUZAKI** Auto-Reels



Features & Constructions

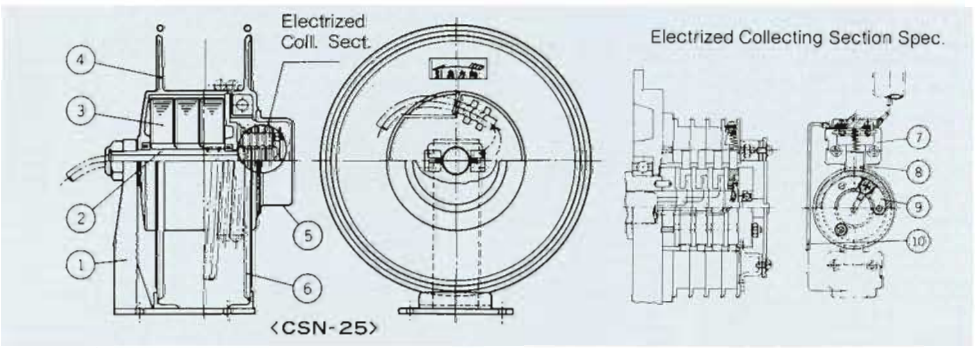
■ Features:

- Long years of experience and development assures excellent economy, safety, high quality and long life.
- Available several types, "Spring-Type", "Electric-Type", "Manual-Type" and workable for various fields in Driving purpose, Controlling and Measuring fields purposes etc.
- "Stop-Device" can be built-in, which can stop on the way of Cable's pulling out. Cable tension is released, therefore, quite useful in welder's cable or Crane's pendant-switch when it is stopped on the way.
- To almost all models, "Pivot-Base"(180 deg. swing) or "Swibel-Base" (Endless revolving base) can be installed.

■ Construction & Operation:

Drum (4) revolves around the fixed shaft (2) supported by bracket (1). The spring (3) which is built-in on the winding-drum, is connected with Drum at one end, and with shaft at other end.
When cable is pulled out, drum revolves, and spring restores rotation power by being rolled up.

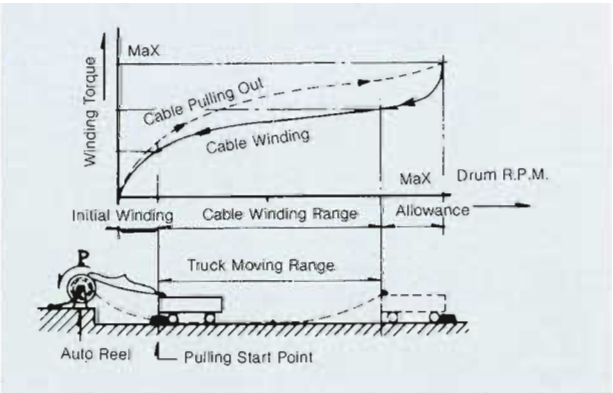
When cable is loosened, it is wound automatically. Carbon brush (8) is supported by carbon holder which is fixed at drum-plate. Electric-current is conducted by spring (9) and by the touch of carbon-brush.



(1) Bracket
(2) Shaft
(3) Spring
(4) Winding-Drum
(5) Cover of Electrized Section
(6) Cable Guid
(7) Carbon Holder
(8) Carbon Brush
(9) Slip-Ring
(10) Lead-Wire

Relation Between Auto-Reel Winding Torque and Drum Revolution (Spring Revolution), and Initial Winding

- Most important thing in using Auto-Reels is to give 'Initial-Winding' correctly. Excessive number of 'Initial-Winding' (both too much or too few) is not good to the cable-winding.
- As shown in the picture, make several empty-winding on spring to give initial tension to cable, then, connect with the equipment. When the cable begin to be pulled out, suitable tension should already be effective.
- Cable length for 'Initial-Winding' is not included in the number of 'Initial-Winding'.



How to decide most suitable model

"SUZAKI" Auto-Reels are available in abundant types to meet any kind of requirements.
Please select most suitable type by referring to followings.

A Which kind of cable?

B How much meter winding?

C Which usage method?

Exp.
Kind : 2 RNCT
Squire : 2mm²
No. of Core : 3 cores
Winding Length :
Exp. 15m
On ground, In level cart on rail, Reel-movement, etc.

1. To select usage from the table below: 1
2. The table shows cable's cut-section squire and number of core.
   By referring to the figures, you can select the suitable model at right hand side column.

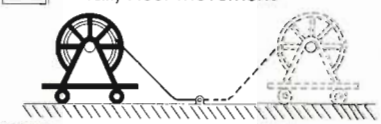
In case of the propered Example, "Winding Length 15m" is included in the 3rd line as "18", and the model corresponds to CSN-12.

■ Method & Winding Capacity

★ Basic Table of Winding Capa. To select nearly cable of out Dia. and weight, in case of available the cable except 2RNCT.

mm²	Cores 2RNCT (2-type, Chrolo-plain Cab-tyre Cable)													
0.75	2·3	4·5	6	8	10·12		16							
1.25	2	3·4	5	6	8	10·12		16						
2		2·3	4·5	6	8	10	12		16		20			
3.5		2	3	4	5·6		8		10	12		16	20	
5.5			2	3	4·5		6		8		10	12		
8				2	3	4·5								
14						2	3		4		5			
22									2		3		4	
30												2	3	
38													2	3
★ Outer Dia. (mmø)	11	13	15	17	19	21	22	24	25	26	28	31	33	35
★ Weight (g/m)	140	240	310	410	590	770	830	920	1060	1100	1330	1430	1830	2180

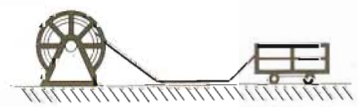
1 1. Usage on ground, Cart on rail, Reel-movement



*Fixing height to be under 1 m from gound
*Deviding: OK

6	5	4	3										CSN-10	
13	13	12	9	9									CSN-11	
18	18	17	17	11									CSN-12	
28	28	25											CSN-13	
37	37	26	23	18	10	10							CSN-21	
30	30	30	23										CSN-22	CSA-22
36	36	36	30	22	15	15	13						CSN-23	CSA-23
38	38	38	38	27	26	26	15	13					CSN-24	CSA-24
50	50	50	48	47	37	37	33	33	28	18			CSN-25	CSA-25
		43	41	38	36	30	28	24	24	24	20	18	11	CSN-32 CSA-32
					50	50	49	49	49	49	47	37	29	CSN-34 CSA-34

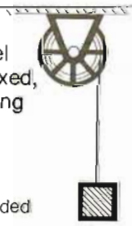
2 2. On gound, In level, Fixed reel, Pulling-winding



*Roller is recommended

6	6	6	5										CSN-10	
13	13	12	10	9									CSN-11	
18	18	17	17	11									CSN-12	
25	25	24	23	20									CSN-13	
37	33	26	23	17	10	10							CSN-21	
36	32	31	26	22	15	15	13						CSN-23	CSA-23
38	33	29	25	25	22	22	15						CSN-24	CSA-24
50	41	35	35	31	25	25	19	19	18	11			CSN-25	CSA-25
		25	25	25	24	24	22	19	19	19	17	13	11	CSN-32 CSA-32
					38	36	32	32	27					CSN-34 CSA-34

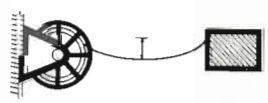
3 3. In space, Up & Down, Reel upper section fixed, Lifting up winding



*Accessary weight: Not included

6	6	5	4										CSN-10	
13	13	12	10	9									CSN-11	
18	16	16	15	11									CSN-12	
20	20	17	13	11									CSN-13	
32	23	17	17	15	10	10	7						CSN-21	
29	26	23	23	22	13	12	11						CSN-23	CSA-23
38	28	24	24	21	14	14	13	7					CSN-24	CSA-24
41	36	26	26	25	14	14	10	10	10	6			CSN-25	CSA-25
		25	24	20	18	18	16	14	14	11	10	8	6	CSN-32 CSA-32
					24	22	22	22	22	19	17	15	12	CSN-34 CSA-34

4 4. Reel fixed, Pulling-out winding, Inspace, Inlevel



*Tension allowance is about 10% of winding length

6	5	4	3										CSN-10	
11	10	10	9	8									CSN-11	
16	16	16	12	10									CSN-12	
18	18	14	10	8									CSN-13	
31	19	17	15	15	10	10							CSN-21	
29	21	21	20	18	15	12							CSN-23	CSA-23
38	24	21	20	20	11	11	11	7					CSN-24	CSA-24
39	29	23	23	20	11	11	8	8	8	5			CSN-25	CSA-25
		25	23	16	14	14	13	11	11	8	8	6	5	CSN-32 CSA-32
					24	22	22	22	19	17	15	12	10	CSN-34 CSA-34

※ Figures: Effective winding lenght
※ Figures inside ( ) is usable only when usage is not frequent.
※ Usage speed: Set at 40m/min.

■ TYPE-EXPLANATION

CSN-13DR□□

Type 10 11 12 13 (20) 21 22 23 24 25
32 34 41 42 43 44 52 54 60

D: Dust-proof-type,
W: Water-proof-type

Winding-direction Until-clockwise
R: R seen from Reel Drum side

Special-Specs. P: Pivot S: Stop
R: Roller Guide

N: Standard (Opposite) Stand, A: Reverse Stand
J: Box-type, G: Twin leg-type
Slip-ringless type

Driving Power:
S = by Spring, E = by Electric, T = by Manual

Winding: C = Cable H = Hose W = Wire

• 2RNCT Outer Dia., Approx. Weight & Allowable Current

Number of Core

Cores / Square	2	3	4	5	6	8	10	12	16	20
0.75	9.8	10.6	11.7	12.9	14.1	16.6	18.2	18.2	21.6	
	115	135	170	210	280	355	465	500	650	
	12	10	9	9	8	7	7	6	6	
1.25	10.6	11.4	12.6	13.9	15.2	18.0	19.8	20.4	22.9	26.0
	145	175	215	260	340	435	580	630	800	910
	16	14	13	13	11	10	9	8	8	7
2	11.4	12.0	13.3	14.9	16.3	19.2	21.2	21.8	24.7	27.8
	175	205	260	315	415	530	700	765	985	1200
	22	19	17	17	14	12	11	11	10	9
3.5	13.0	13.9	15.4	17.0	18.8	22.3	24.6	25.4	28.6	32.1
	240	300	375	450	590	760	1000	1100	1420	1680
	32	28	25	25	21	18	16	15	14	13
5.5	14.4	15.4	17.0	19.0	21.0	24.9	27.4	28.5	32.0	
	310	390	495	600	790	1020	1330	1490	1910	
	41	36	32	32	28	24	22	20	18	
8	15.8	16.9	18.9	60A	40A					20A
	390	495	635							
	51	44	39							
14	20.2	21.6	24.0	80A						
	655	835	1060							
	71	62	55							
22	25.4	27.4	30.5	200A						
	1040	1330	1770							
	95	83	74							
30	30.0	32.2	35.9							
	1430	1830	2340							
	110	98	89							

Explanation as above

Outer Dia.(φmm)
Weight (g/m)
Allowable current (A)

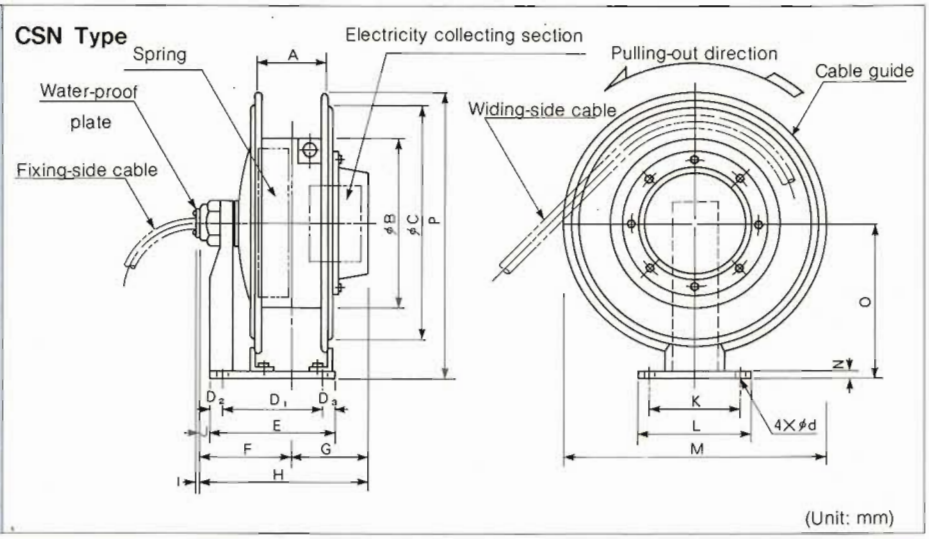
※ Allowable Current for slipring & carbon-brush of Standard sige

※ Allowable electric current is influenced by ambient temperature, number of core, winding length, number of windings etc. Please select suitable cable of sufficient allowance.

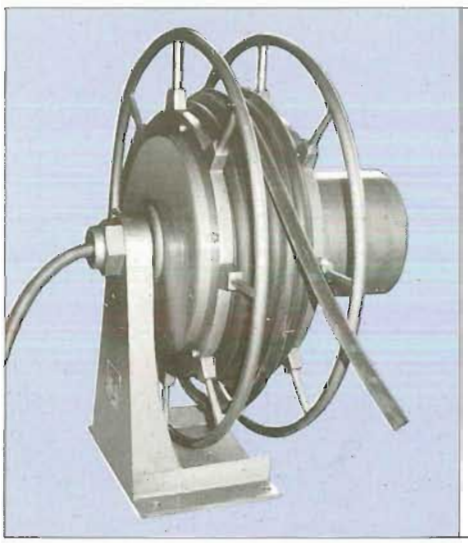
• At request of Auto-Reel, please inform followings

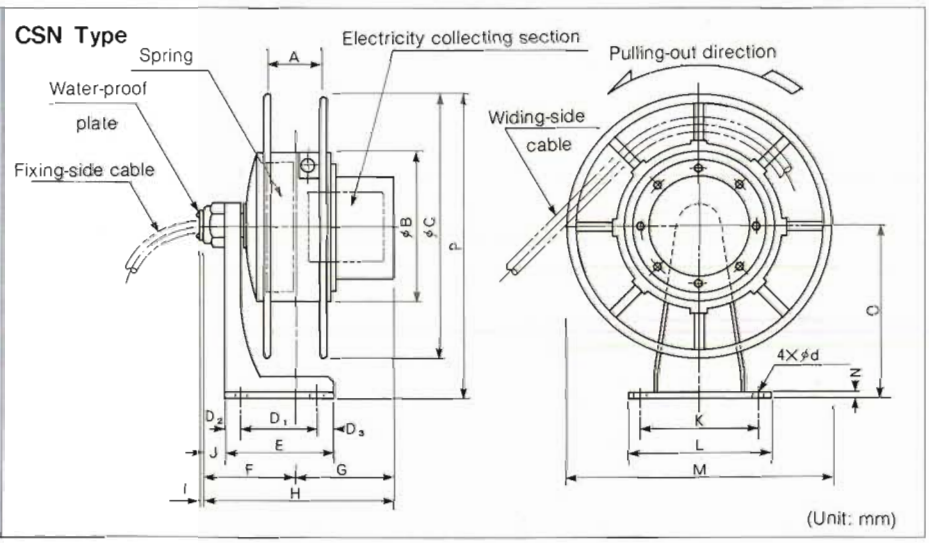
Cable Spec.	☐ CT. ☐ mm² ☐ core
Winding Length	Usual ☐ m or max ☐ m
Using Method	☐
Place	indoor, outdoor
Usage Model	☐ ☐ ☐ – ☐ ☐
Rating	AC.DC ☐ V. ☐ A ☐ poles (Please inform in case of Earth Poles)
Using Speed	☐ m/min.
Using-frequency	☐ Time/Day
Setting Hieght	☐ (On cart only)
Cable outer dia. & weight	☐ ø ☐ g/m
Pivot base (Swing)	need, no need
Stop device	need, no need — This is the device that the pulled cable is stopped or rewinded at.
Driving Power	Spring Hose Wire

Spring Type Reel
N Type · A Type



Type	Max. pole	A	B	C	D1	D2	D3	E	F	I	J	K	L
CSN-10	6P	74	186	280	80	25	25	130	107	6	22	120	150
CSN-11	12P	84	240	360	90	25	25	140	112	6	22	120	150
CSN-12	12P	94	300	420	130	25	25	180	138	6	16	140	180
CSN-13	12P	100	345	495	130	20	30	180	150	6	18	140	180
CSN-21	12P	120	300	420	180	20	20	220	153	6	18	160	200
CSN-22	3P(4P)	120	280	480	130	20	30	180	138	—	10	140	180
CSN-23	20P	132	300	450	200	20	20	240	172	6	18	190	220
CSN-24	20P	138	320	490	220	20	20	260	187	6	21	180	220
CSN-25	20P	180	320	550	280	20	20	320	221	6	21	210	250
CSA-22	3P(4P)	120	280	480	130	30	20	180	98	—	—	140	180
CSA-23	20P	132	300	450	170	25	25	220	114	—	—	150	200
CSA-24	20P	138	320	490	170	25	25	220	115	—	—	150	200
CSA-25	20P	180	320	550	170	25	25	220	150	—	—	170	220

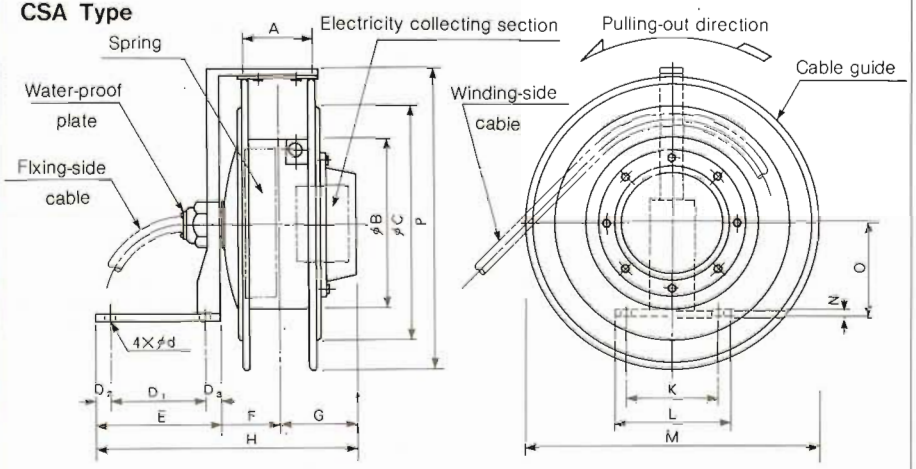




Type	Max. pole	A	B	C	D1	D2	D3	E	F	I	J	K	L
CSN-32	30P(40P)	145	450	800	235	40	25	300	248	8	50	350	400
CSN-34	30P(40P)	245	450	850	300	50	50	400	305	8	50	350	400
CSA-32	30P(40P)	145	450	800	300	25	25	350	148	—	—	350	400
CSA-34	30P(40P)	245	450	850	300	25	25	350	205	—	—	350	400

※G. H sizes are fit up to 8mm² cable. For electricity-collecting-section over 8mm², please refer to us.
※Weight does not include cable, also it is slightly different according to Specs. of electricity-collecting-section.

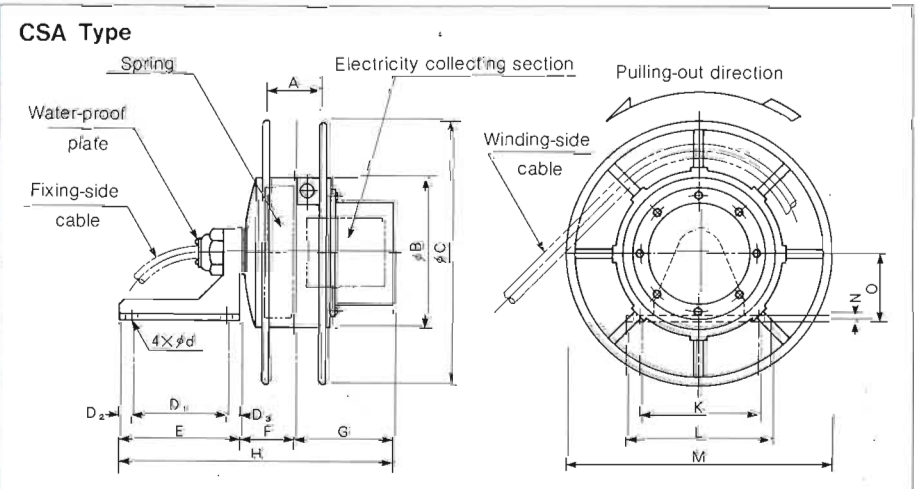
CSA Type



(Unit: mm)

G				H				M	N	O	P	d	Weight (kg)	Type
3P	6P	12P	20P	3P	6P	12P	20P							
73	133	—	—	180	240	—	—	316	9	172	330	12	9	CSN-10
66	116	199	—	178	228	311	—	395	9	212	412	12	13	CSN-11
81	131	214	—	219	269	352	—	460	9	245	475	13	17	CSN-12
80	130	213	—	230	280	363	—	535	9	282	550	13	25	CSN-13
144	227	277	—	297	380	430	—	460	9	270	500	13	35	CSN-21
150	—	—	—	288	—	—	—	580	9	300	590	13	35	CSN-22
155	238	288	353	327	410	460	525	490	9	280	525	14	46	CSN-23
149	232	282	365	336	419	469	552	535	9	305	572	14	50	CSN-24
174	257	307	390	395	478	528	611	595	12	345	642	18	72	CSN-25
150	—	—	—	428	—	—	—	540	9	150	560	13	35	CSA-22
155	238	288	353	489	572	622	687	520	9	150	550	14	46	CSA-23
149	232	282	365	484	567	617	700	570	9	180	588	14	50	CSA-24
174	257	307	390	544	627	677	760	650	12	180	675	18	72	CSA-25

CSA Type



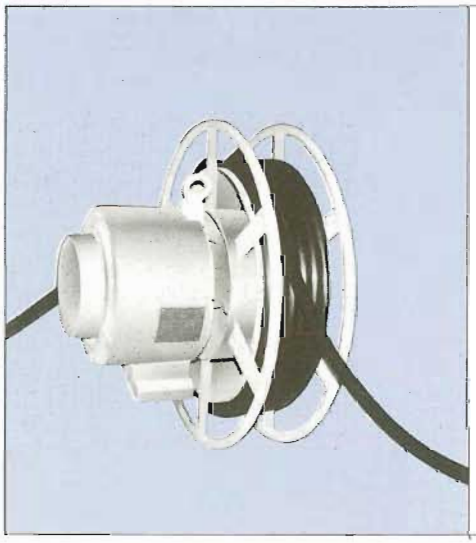
(Unit: mm)

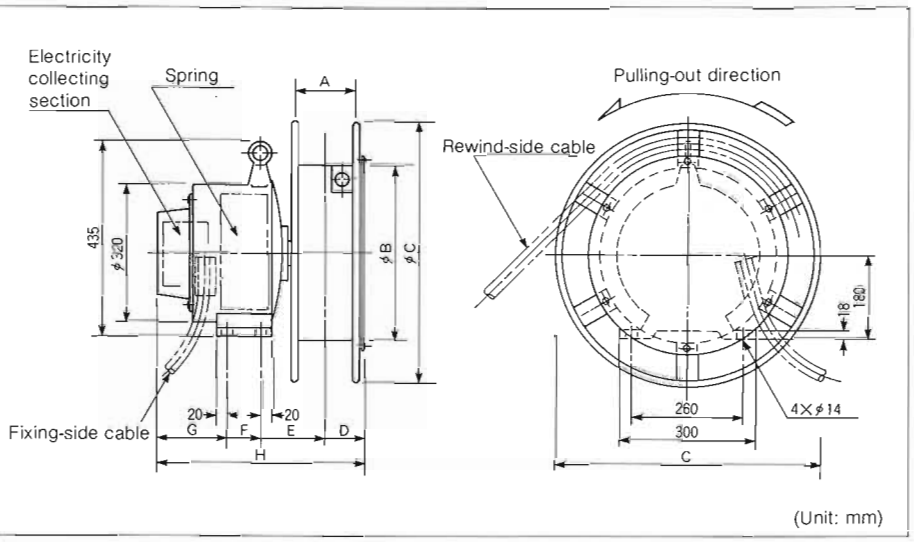
G				H				M	N	O	P	d	Weight (kg)	Type
6P	12P	20P	30P	6P	12P	20P	30P							
172	252	365	495	420	500	613	743	800	12	480	830	18	110	CSN-32
220	300	413	543	525	605	718	848	850	12	505	930	18	150	CSN-34
172	252	365	495	670	750	863	993	800	12	200	—	18	110	CSA-32
220	300	413	543	775	855	968	1098	850	12	200	—	18	150	CSA-34

Spring Type Large Reel

J Type

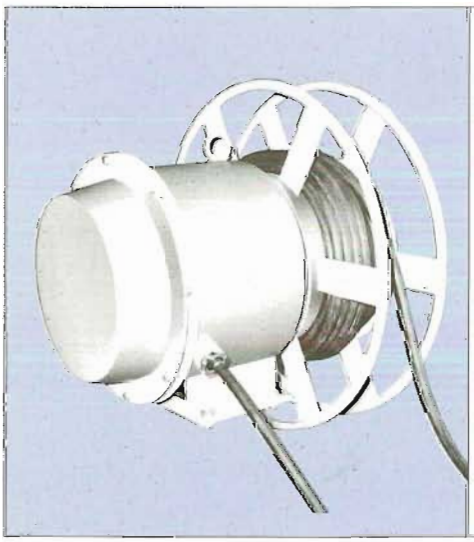
This can be applicable to various conditions such as extra large dia. cable, long cable, or special cables. Maintenance and checking is easy, and good durability. New type, versatile applications of J-Type series Reels.

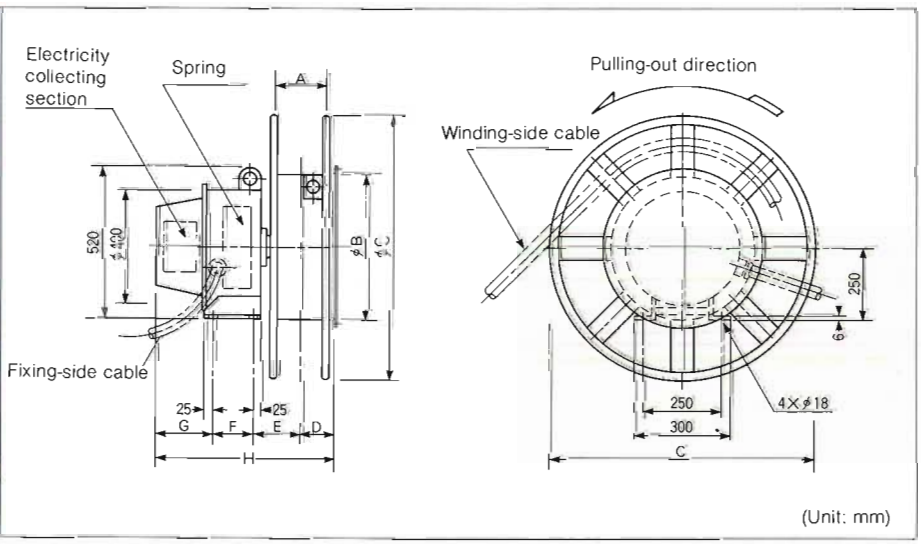




(Unit: mm)

Type		Usage	2RNCT (mm²×core)	Winding length (m)	A	B	C	D	E	F	G	H	Weight (kg)	Remark
CSJ-41	1	On ground, Cart on rail, Reel-movement Pickup Winding	1.25×16	21	150	500	700	115	145	80	370	710	80	Up to 28 ø Max. cable outer dia. Max. poles up to 20 p.
			5.5 × 3	35	150	400	600	115	145	80	160	500	80	
			14× 3	20	150	500	700	115	145	80	240	580	80	
	2	On ground, In level, Fixed reel, Pulling winding	1.25×18	18	150	400	600	115	145	80	370	710	80	
			2 ×10	24	150	400	600	115	145	80	240	580	80	
			8 × 3	30	150	400	600	115	145	80	160	500	80	
	3	In space, up & down, Reel upper fixed, Lifting-up winding	1.25×12	17	150	400	600	115	145	80	290	630	80	
			2 ×20	11	150	500	700	115	145	80	370	710	80	
			3.5 × 4	23	150	400	600	115	145	80	160	500	80	
			8 × 2	23	150	400	600	115	145	80	160	500	80	
	4	Reel fixed, Pulling-out winding, In space, In level	2 ×12	14	150	400	600	115	145	80	290	630	80	
			8 × 3	17	150	400	600	115	145	80	160	500	80	
			14× 3	11	150	400	600	115	145	80	240	580	80	

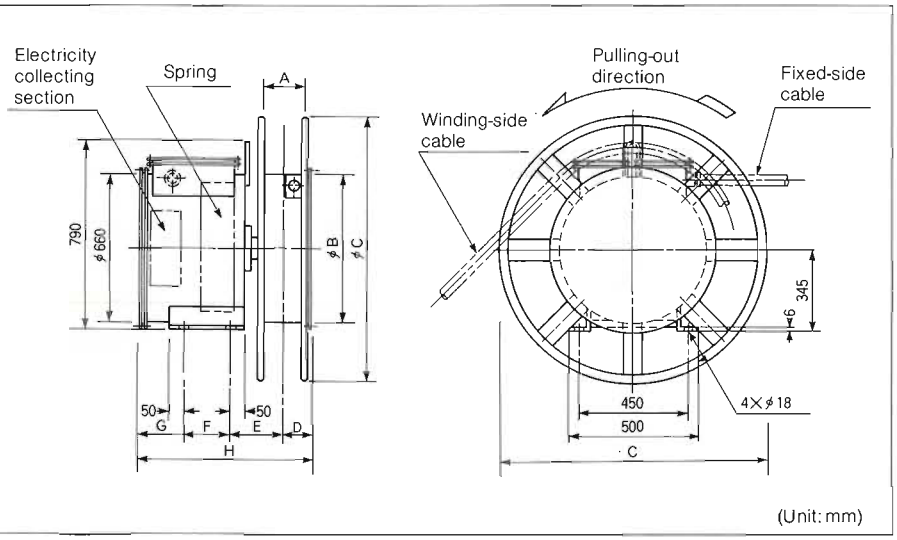




(Unit: mm)

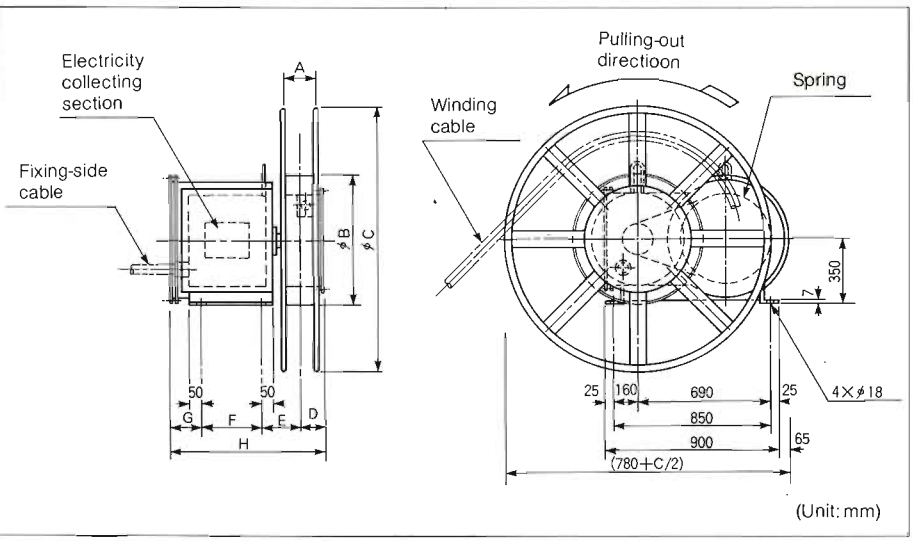
Type		Usage	2RNCT (mm²×core)	Winding length (m)	A	B	C	D	E	F	G	H	Weight (kg)	Remark
CSJ-42	1	On ground, Cart on rail, Reel-movement, etc.	22×3	20	180	500	950	125	165	150	195	635	70	Up to 28ø Max. cable outer dia. Max. poles up to 20p.
CSJ-43			8×3	50	150	350	700	115	150	150	160	570	70	
CSJ-44			14×3	60	180	450	850	125	165	150	220	660	80	

BEST suitable for Flat-Cable's Single-Line Multi-Windings, or different Spec's. plural cables, Multi-Line, Multi-Windings.



(Unit: mm)

Type		Usage	2RNCT (mm²×core)	Winding length (m)	A	B	C	D	E	F	G	H	Weight (kg)	Remark
CSJ-52	1	On Ground in level, on cart, Reel-movement etc.	3.5×12	30	200	700	1100	135	215	200	170	720	180	Max. Cable outer Dia: Up to 40p
			22× 3	40	180	500	1000	125	205	200	170	700	180	
			30× 3	40	150	600	1200	110	190	200	170	670	180	
CSJ-54			22× 3	60	150	500	1100	110	190	350	220	870	250	Max. poles: Up to 30p
			30× 3	60	180	600	1300	125	205	350	220	900	300	
			38× 3	50	200	600	1400	135	215	350	220	920	300	
			60× 3	40	230	800	1500	150	230	350	220	950	350	
	3	Up & Down Lefting-up Winding	3.5×20	12	120	500	900	95	175	350	220	840	250	

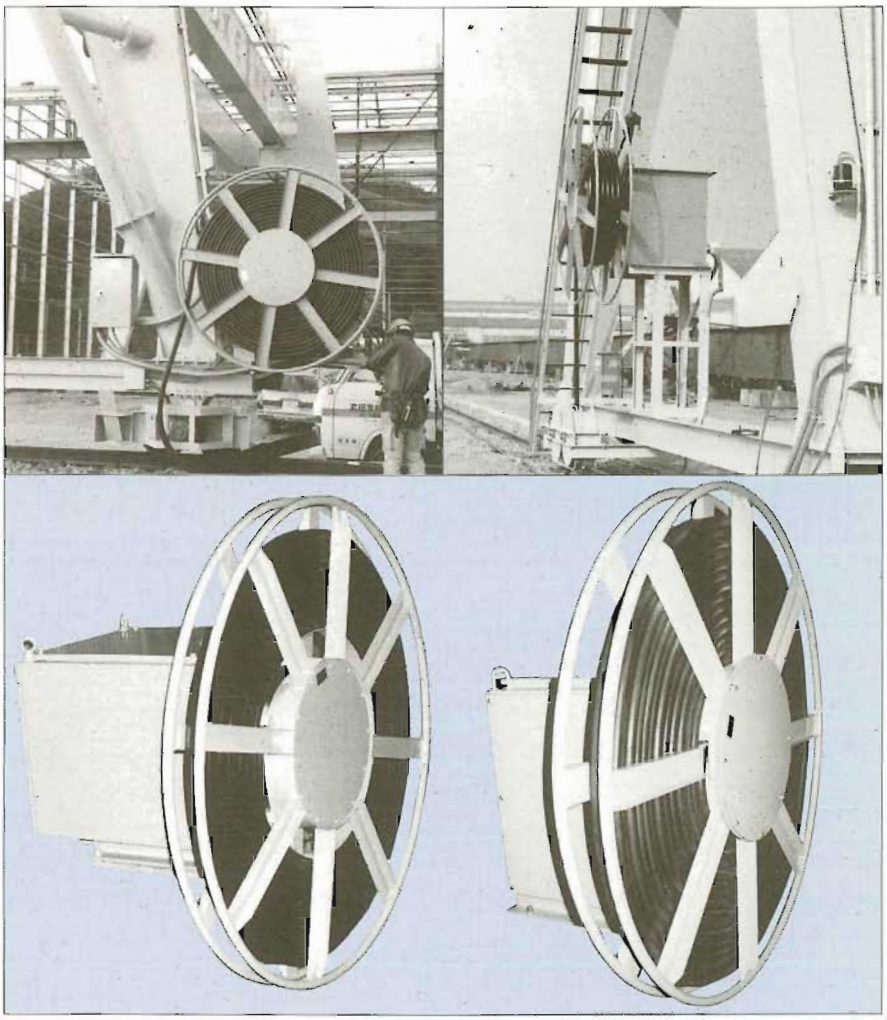


(Unit: mm)

Type		Usage	2RNCT (mm²×core)	Winding Length (m)	A	B	C	D	E	F	G	H	Weight (kg)	Remark
CSJ-60	1	On ground in level, on cart, reel-movement	60× 3	60	200	700	1500	140	220	350	250	960	600	Max. poles: Up to 40p
			38× 3	80	230	800	1500	150	230	350	150	880	450	
	4	In space. pulling-windings	3.5×32	22	150	700	1300	110	190	350	200	850	500	

※Each photo shows standard-type Winding capacity & outer dimension example.
※Other Specs than these, please consult us.
※Available all models to meet all requirements.
※Weight does not include cable.

Electric Type Reel



■ Torque Motor Type Reel

For cable winding power, torque motor's merits are fully applied.

However long cable,
Whatever high speed,
However large dia, cable.

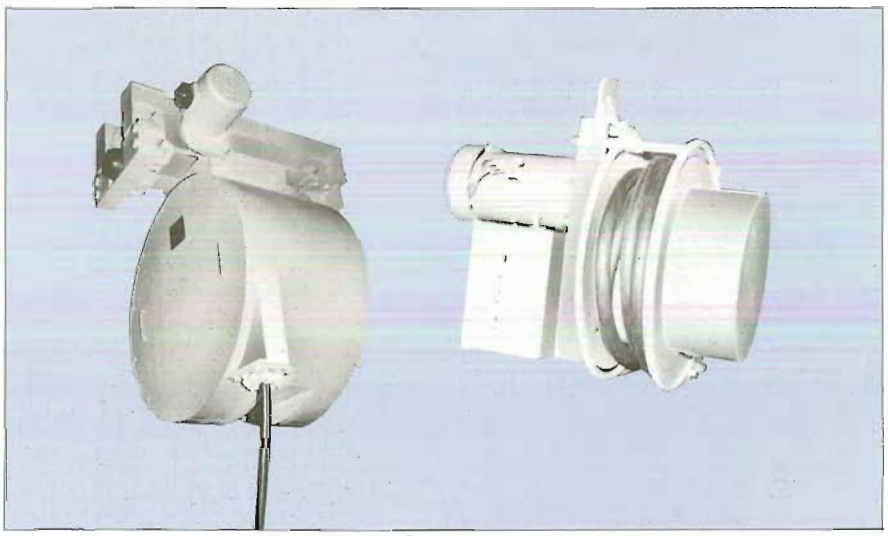
This can follow the duties perfectly.

***Main Use:**
Gate-Type Crane (Best in "on ground", "large length", "In level" etc.)

■ Gear-Motor Type Reels:

This Reel uses Gear-Motor as the winding-power. Since limit-switch is built-in, it is ideal for Up & Down-Windings.

Usage:
For Pendant-Switche's Up & Down for Crane, Hoist. For illuminations Up & Down at the stage or studio.



※(Please inform Cable Specs., Method of usage, Running-Speed, Power-source. Ready to send studied Drawings.)

Special Reel

■ *Slip-Ringless Reels:

There is no cable connecting point in Reel. Namely, as there is no electric-collecting section, there is no occurence of noise.

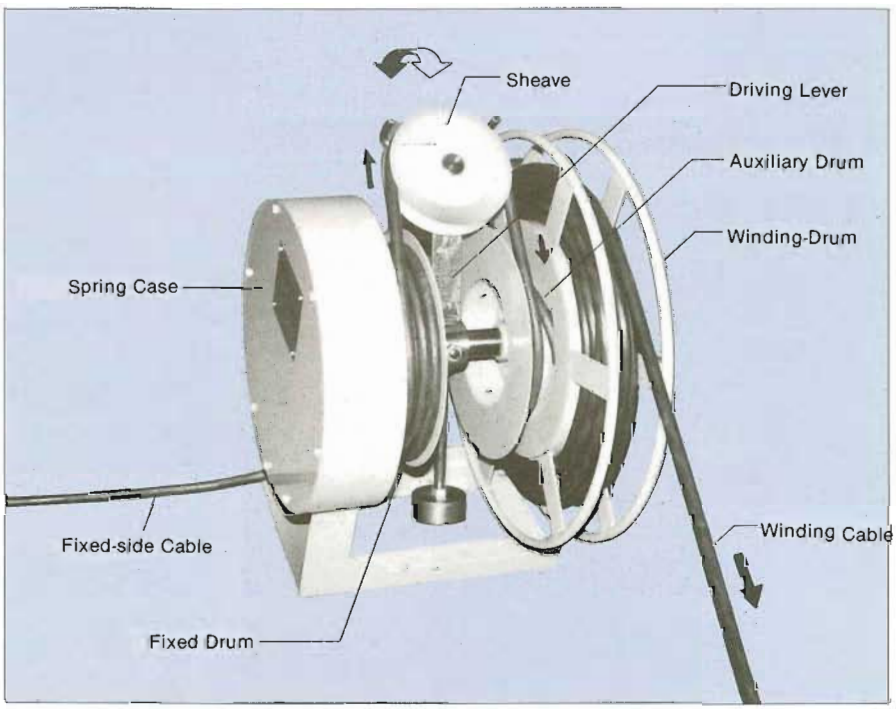
***Main Usages:**

TV-Camera, Communication, Measuring & Detecting instruments, also Computer, Very best as explosion-proof Reels.

***Operation:**

When pulling out winding-cable, the winding drum revolves, the cable being pulled to arrow direction, simultaneously the drive-lever revolves same direction as Drum. The wound cable to the fixed drum shifts to Auxiliary drum and is wound.

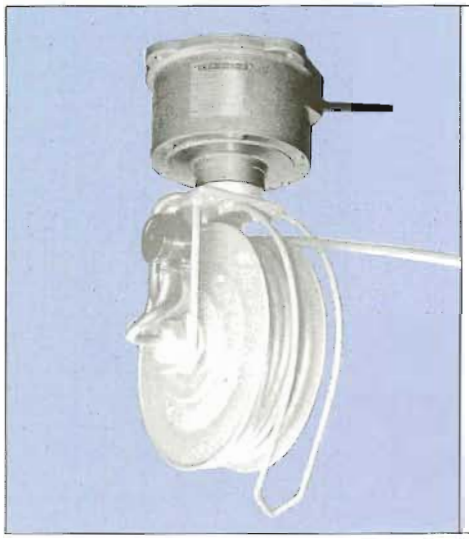
Spring is squeezed by driving lever revolution. In cable-winding, the driving lever turns opposite direction by spring and is wound.

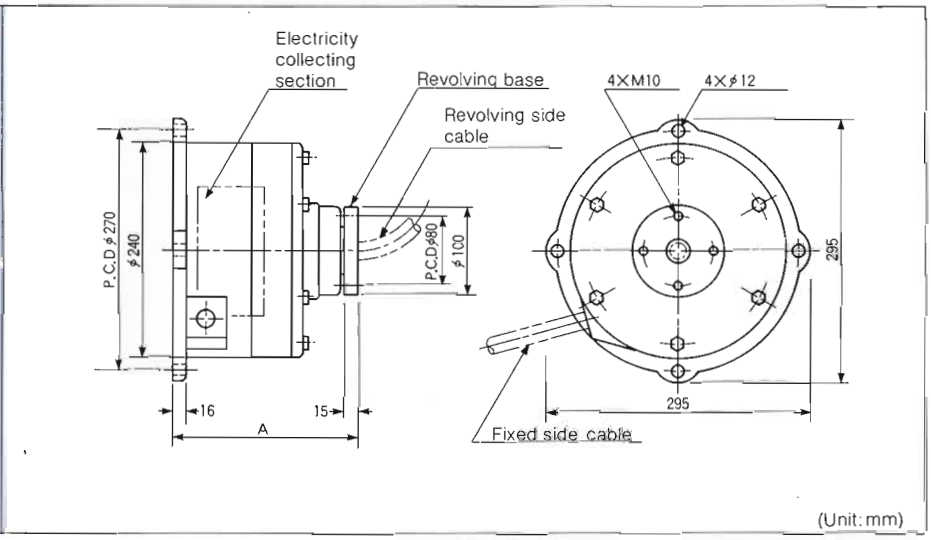


※Standard is "spring" type, but "Electric" type or "Manual" type are also available on request.

※Please inform cable Specs., usage conditions, winding length ect.
—Will send idea Drawings—

■ **Swibel-Base (Endless revolving base)





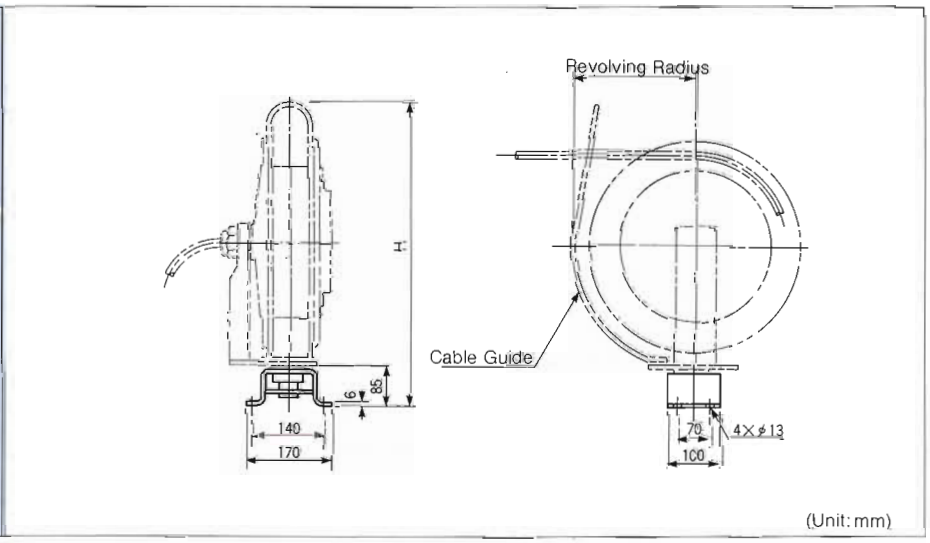
(Unit: mm)

Electricity-collection section is built-in. Suitable for distribution and controller of revolving equipments & Units. Can be used in combination with auto-reel.

Type	Rating				A mm	Weight (kg)
	Voltage	Current (A)	Under 8mm²	14mm² Pole		
CSB-1	AC-220/440	Available for allowable current of the cable.	4P	2P	205	12
CSB-2			8P	4P	260	18

※ Multi-pole (under 8mm²—up to 40p), plural, big current purpose is also available. Please consult.
※ CSN-10...13, 21, 23, 24 & CSY-1...4 these combination is possible.
※ Please specify cable length at the time of order.

■ Pivot Base (180 deg. swing)



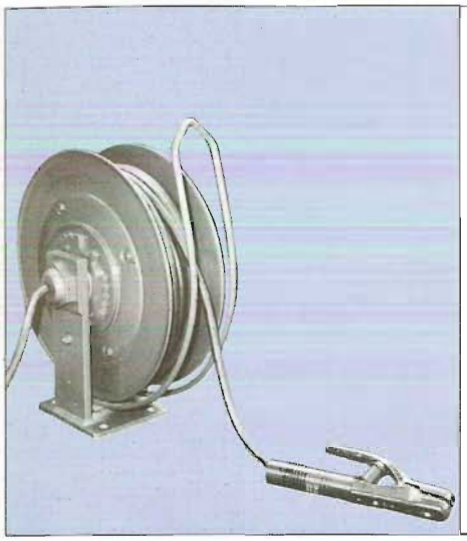
(Unit: mm)

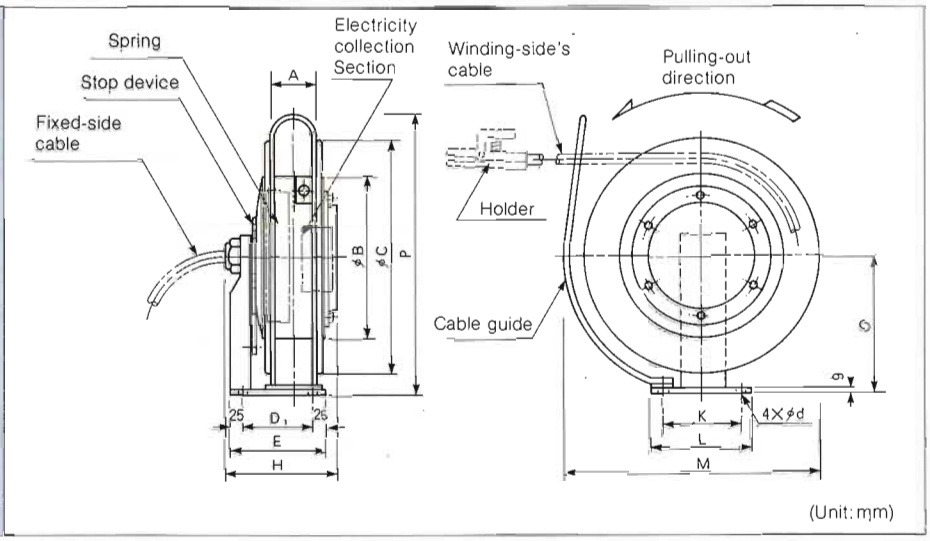
Type		CSN-10	CSN-11	CSN-12	CSN-13
Size	H	420	515	600	645
	R	180	205	245	255

※ The construction will be somewhat different according to pivot-base as stationary, or as hanging-down. Please inform applications.
※ Other types will be available up on request.

Reels for Welders & Small-Type Reels

■ Reels for Welder (Holder, side cable rewinding purpose)



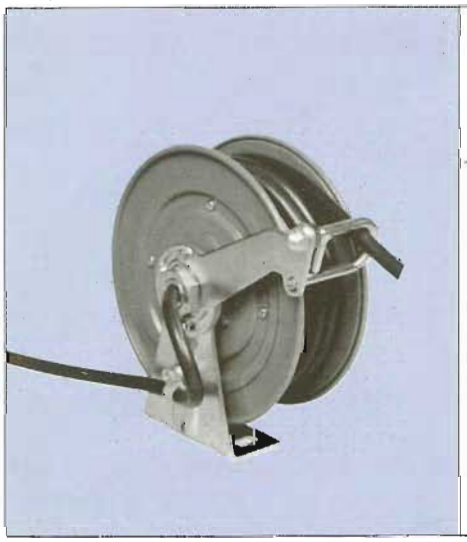


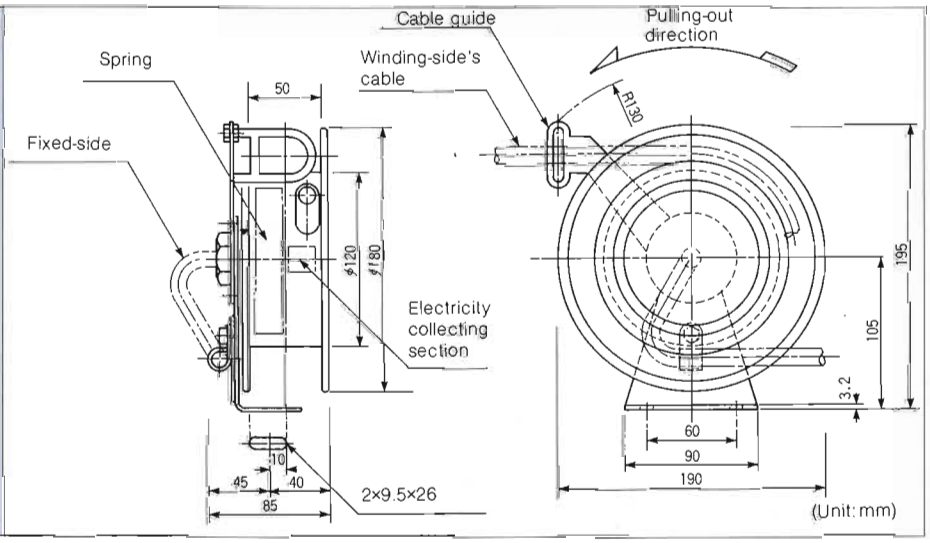
Type	WCT (mm²)	Winding length (m)	Rating (A) 100%	Rating (A) 50%	A	Bφ	Cφ	D1	E	H	K	L	M	O	P	dφ	Weight (kg)
CSY-1	22	15	105	150	84	240	360	90	140	178	120	150	380	212	415	12	15
CSY-2	22	20	105	150	94	300	420	130	180	219	140	180	440	245	475	13	18
CSY-3	38	15	150	220	84	240	360	90	140	178	120	150	380	212	415	12	15
CSY-4	38	20	150	220	94	300	420	130	180	219	140	180	440	245	475	13	18

※ Pivot-base, Swibel-base is separate order.
※ Available for big current also. Weight does not include cable.

■ Small-type Auto Reels

(3 core-cable)





This can be used as it is, for 125V earthing, or 220V power source purpose.

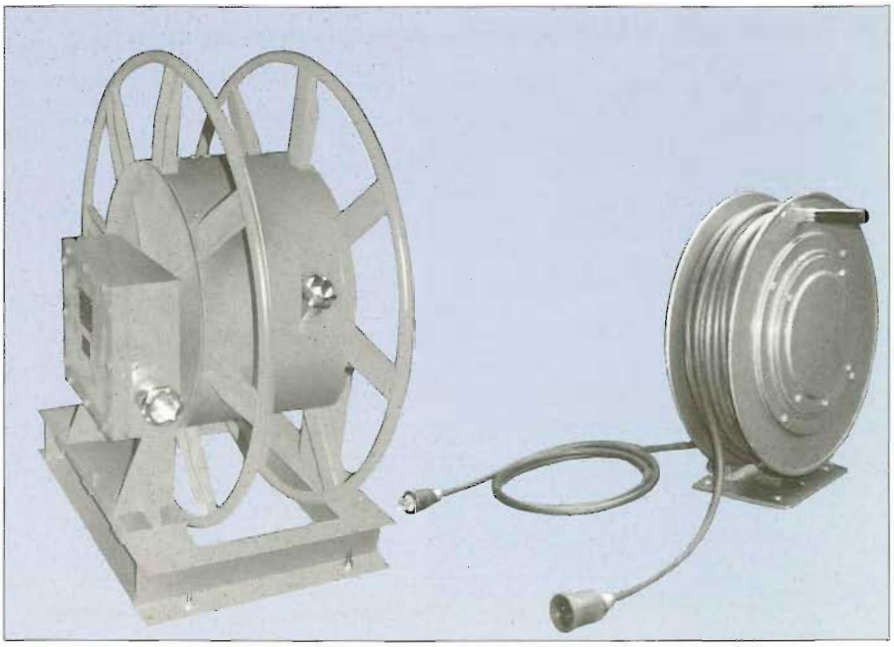
Type	Rating Voltage (V)	Rating Current (A)	VCT mm² × core	Length (m)	Weight (kg)	
CS-3N	AC-125/220	10	1.25×3	5	2	• Indoor use, all direction fixing is possible. • Ratchet stop is possible On or Off.

Manual-Type Reels

***When the frequency of winding & re-winding is rare, or when the job-site is changeable frequently, such Reels that eliminate "Spring" or "Motor" will be economical.**

■ Those with electricity collection section:

During electricity conduction, both winding and rewinding are possible. The function of Auto-Reel remains as it is, and winding is done by manual operation.



▲For heavy construction machines, & civil engeniering machines

▲For small type portable genrators

■ Those without electricity collection section:

During the current-conduction, winding or rewinding can not be done.
As the connection with current distributor is done by connector, the connection with connecter have to be removed at the time of Reel-revolution, therefore, momentarily, it is in power-stoppage.

▲For stand-by power, on Vesel etc.

▲For electric power tools.

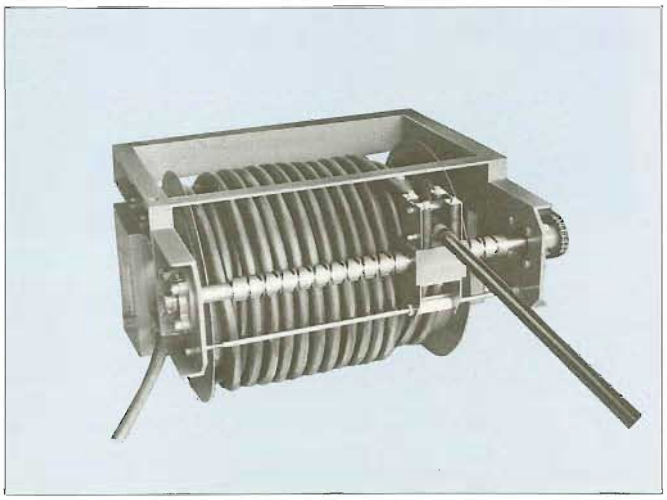
※Please inform cable Specs., Winding length, usage-conditions or connector rating. Will send the suitablly designed Drawings.
※CSN type without spring is available as Manual type. Please study by referring to 5—6 page's outer-dimensions.

Others

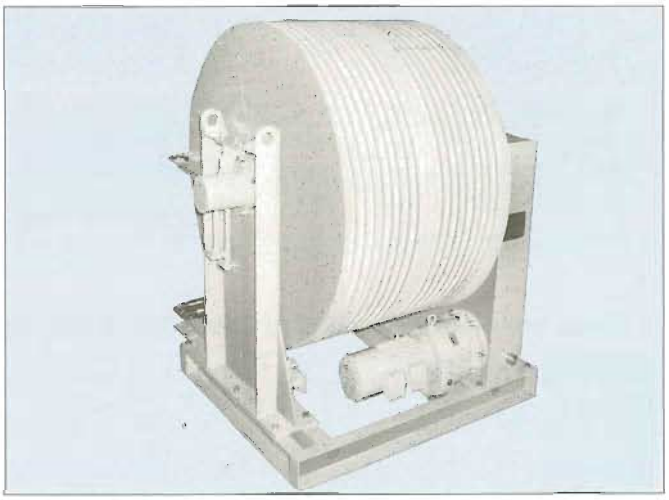
■ Wire Reel

■ Large Reel with Pivot-Base

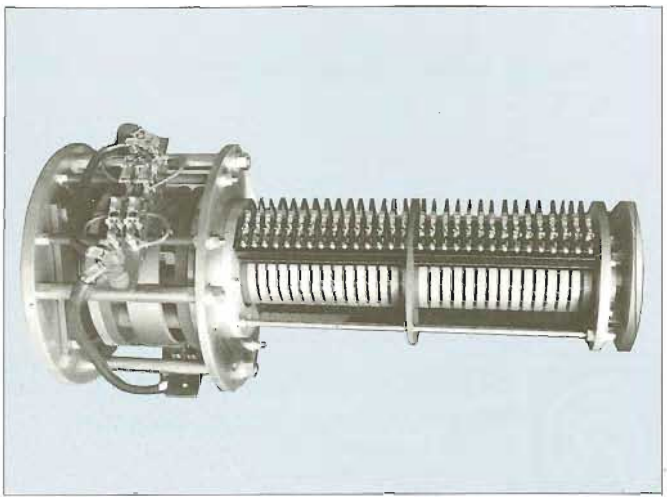
■ Reel with Shifter



■ Hose Reel

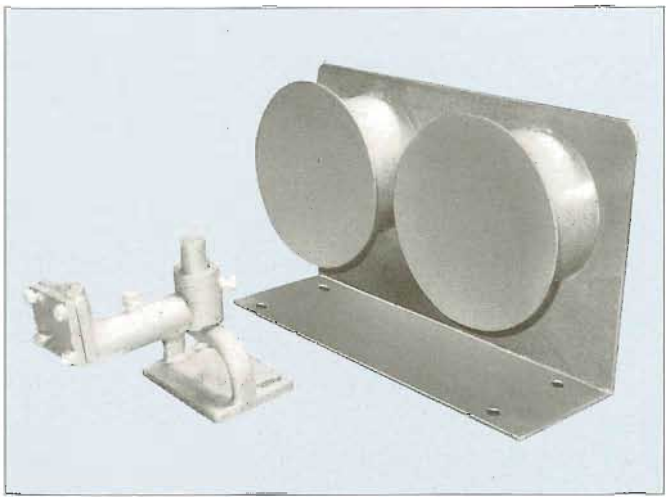


■ Electricity-Collection Unit



▲ Various types are available according to the applications (for large current, large voltage, multi-core, combined cable purpose etc.).

■ For Deviding Tool



▲ This is prepared according to each cable size.

■ Reference Informations

Allowable Current Table for Cab-tyre-Cable

Core \ mm²	0.75	1.25	2	3.5	5.5	8	14	22	30	38	50	60	80	100
2	12	16	22	32	41	51	71	95	110	130	150	170	216	250
3	10	14	19	28	36	44	62	83	98	110	125	150	185	215
4~5	9	13	17	25	32	39	55	74	89	100	115	135	170	196

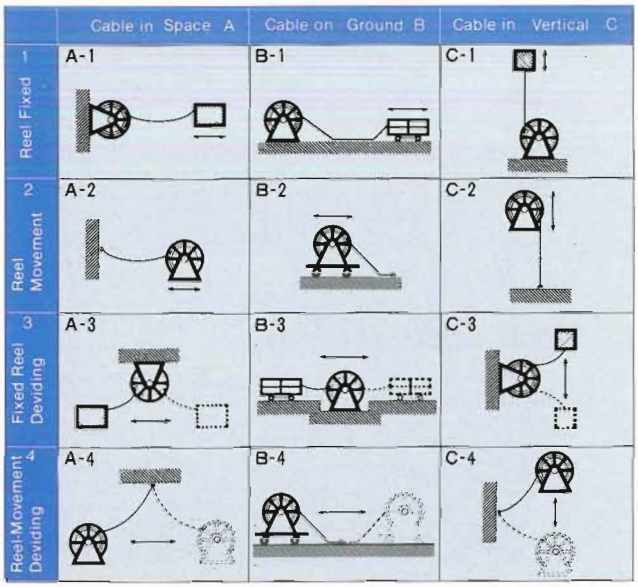
※Circumambient temp. 30 C, allowable cable temp. 60 C.
※Except ambient 30 C, adjustment is necessary.

Movable Cable Dia. & Weight

Cable / Core / mm²	2RNCT							
	Cable Dia (ømm)				Weight (g/m)			
	2	3	4	5	2	3	4	5
0.75	9.8	10.6	11.7	12.9	115	135	170	210
1.25	10.6	11.4	12.6	13.9	145	175	215	260
2	11.4	12.0	13.3	14.9	175	205	260	315
3.5	13.0	13.9	15.4	17.0	240	300	375	450
5.5	14.4	15.4	17.0	19.0	310	390	495	600
8	15.8	16.9	18.9	21.0	390	495	635	770
14	20.2	21.6	24.0	26.9	655	835	1060	1650
22	25.4	27.4	30.5	33.8	1040	1330	1700	2050
30	30.0	32.2	35.9	40.1	1430	1830	2340	2840
38	32.4	34.8	38.9	43.2	1710	2180	2810	3390
50	35.6	38.2	42.7	47.5	2070	2650	3410	4140
60	38.6	41.6	46.4	51.7	2490	3220	4140	5030
80	45.4	48.8	54.6	60.8	3390	4990	5710	6900
100	49.4	52.3	59.5	66.2	4110	5120	6870	8360

※There is a slight difference among cable makers.

Relation between Reel and Cable



Relation between Motor HP and Cable Dia. (3 phase motor)

Rating Output	KW	0.2	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15	19	22	30	37	45	55
	HP	1/4	1/2	1	2	3	5	7.5	10	15	20	25	30	40	50	60	75
Fixed Current (A)	200V	1.4	2	3.6	6.6	9.5	15	24	32	46	64	80	92	122	150	164	204
	400V	0.7	1	1.8	3.3	4.8	7.5	12	16	23	32	40	46	61	75	83	102
Cable Dia (mm2)	200V	0.75	0.75	0.75	1.25	2	3.5	5.5	8	14	22	30	38	50	60	80	125
	400V	0.75	0.75	0.75	0.75	1.25	2	3.5	3.5	5.5	8	8	14	22	22	30	38

CATALOG: Subject to change without notice for improvement.

manufacturer
SUZAKI

SUZAKI CHUKO CO., LTD.
PRECISION MACHINERIES DIVISION
80 Umekoji Higashi-machi,
Shimogyo-ku, Kyoto City.
P.O.No. 600
TEL No. 075-314-4760
FAX No. 075-321-5466

Printed in Japan