

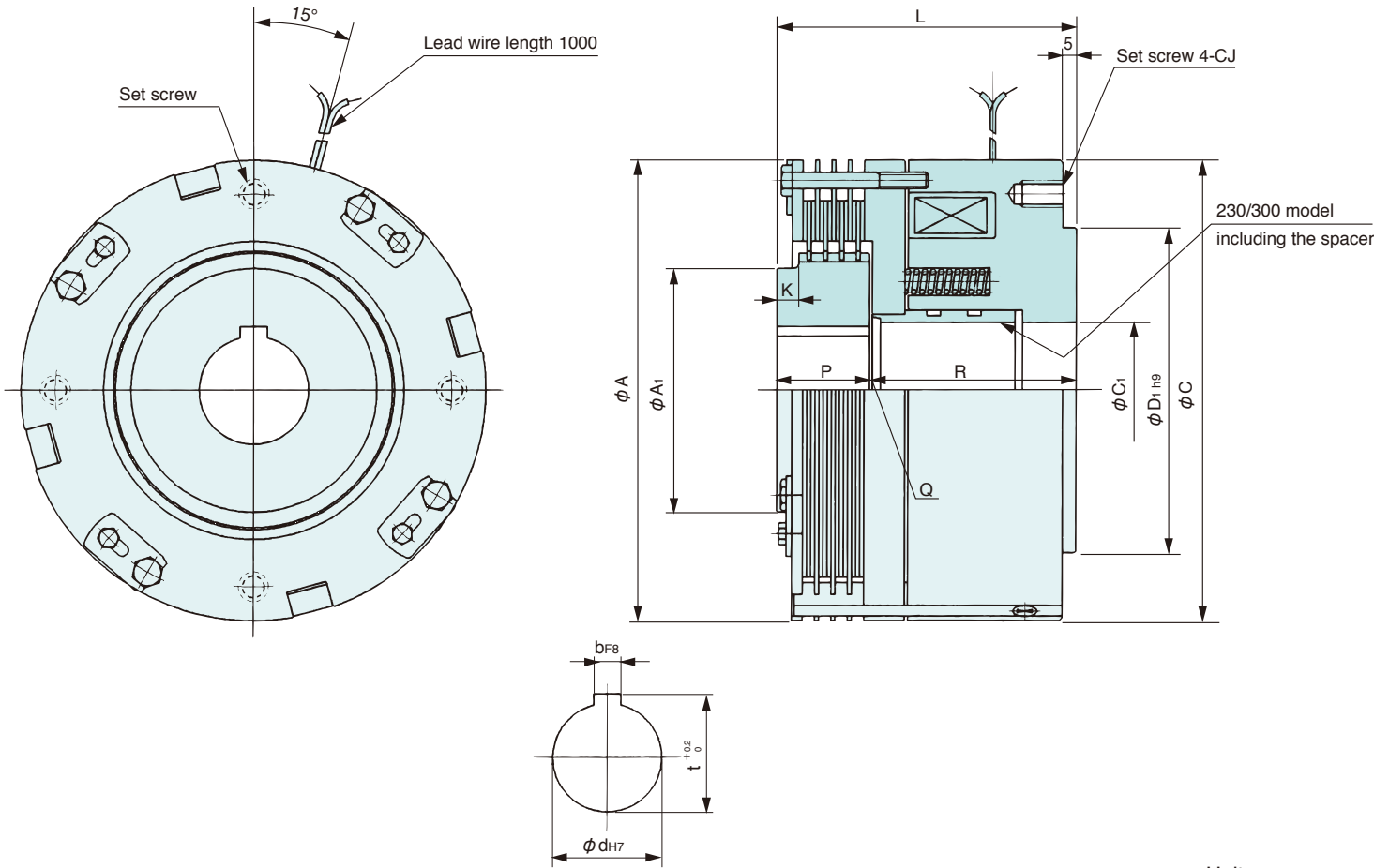
Brake for Braking

SBS-120, 140, 170, 230, 300

Some are made to order.

Model		Static friction torque(Nm)	Rated voltage(DC-V)	Power consumption at 75°C(W)	Mass(kg)
SBS-120	-4D	15	24	23	5
	-8D	30			
SBS-140	-4D	30		28	8
	-8D	60			
SBS-170	-4D	60		38	15
	-8D	120			
SBS-230	-4D	260		62	30
	-8D	500			
SBS-300	-4D	800		82	70
	-8D	1500			

(Note) Specified torque may not be produced since the frictional faces do not conform sufficiently in the initial installation.



Unit : mm

Model	Diameter direction					Shaft direction					Attachment CJ		Shaft hole		
	A	A ₁	C	C ₁	D ₁	K	L	P	Q	R	P.C.D	Tap	d	b	t
SBS-120-4D/-120-8D	120	60	120	29	80	7	80	24	1	55	100	M6x10	20	5	22
SBS-140-4D/-140-8D	140	70	140	36	100	9	95	29	1	65	120	M8x10	25	7	28
SBS-170-4D/-170-8D	170	90	170	56	120	8	110	34	1	75	145	M10x15	40	10	43.5
SBS-230-4D/-230-8D	230	125	230	65	170	13	145	43	2	100	200	M12x20	55	15	60
SBS-300-4D/-300-8D	300	175	300	100	220	17	200	67	3	130	260	M16x30	75	20	81

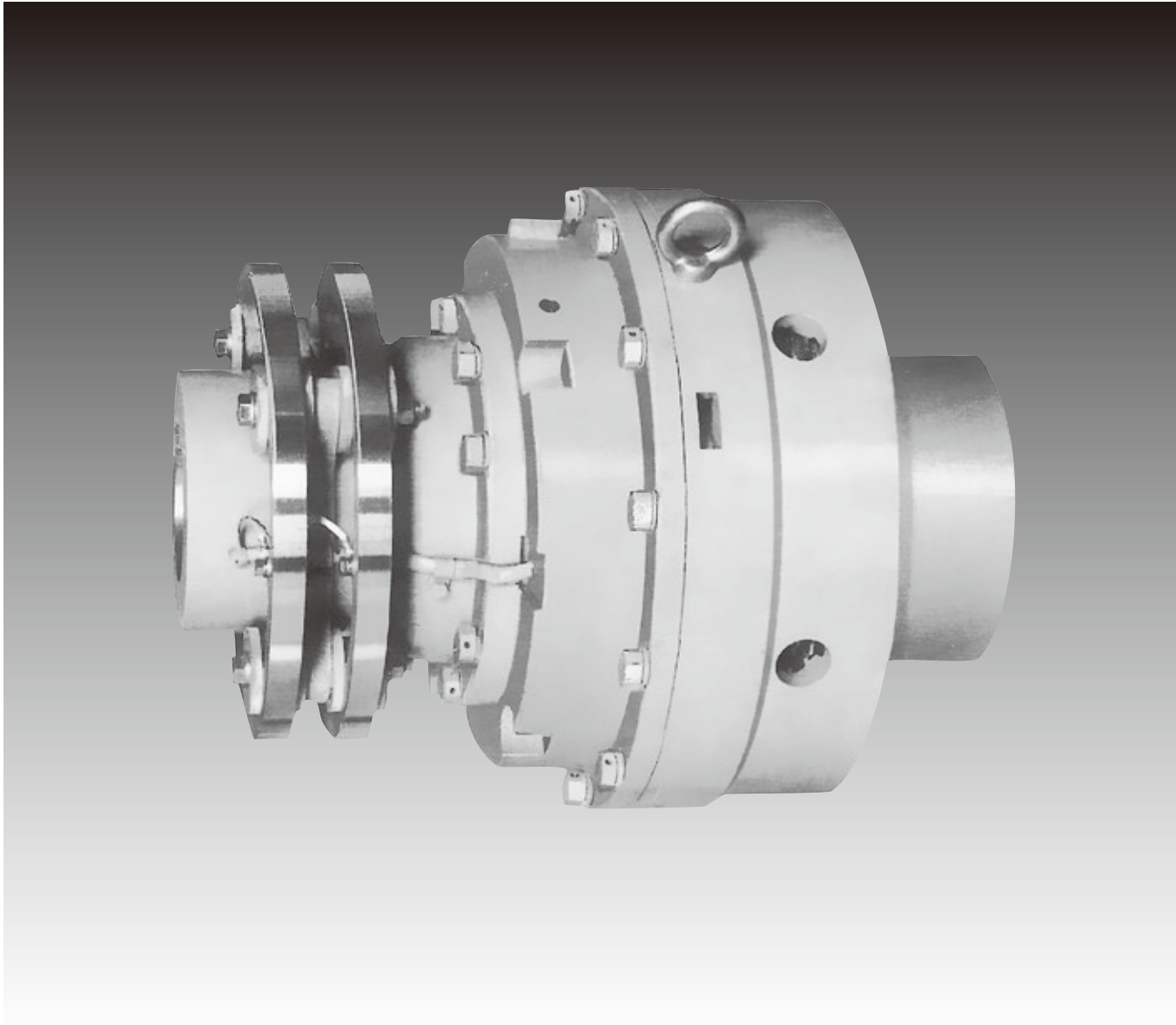
Spring closed large scale clutch

Synchronized operation
for input and output

SE type

Large clutch

- This is a large scale spring closed type non-excitation operation(negative operation) electromagnetic clutch suitable for roll mill synchronous run of right and left hooks of a crane.
- Input and output shafts are easily adjusted for synchronization, and securely coupled by a strong spring.
 - This clutch is designed for roll mill screw down, therefore, is robust and highly reliable, and is easy to disassemble and assemble.
 - This clutch has a small self inertia, and exerts good accelerating characteristics for control of large volume.



Indication of Type

SE-75

Model symbol

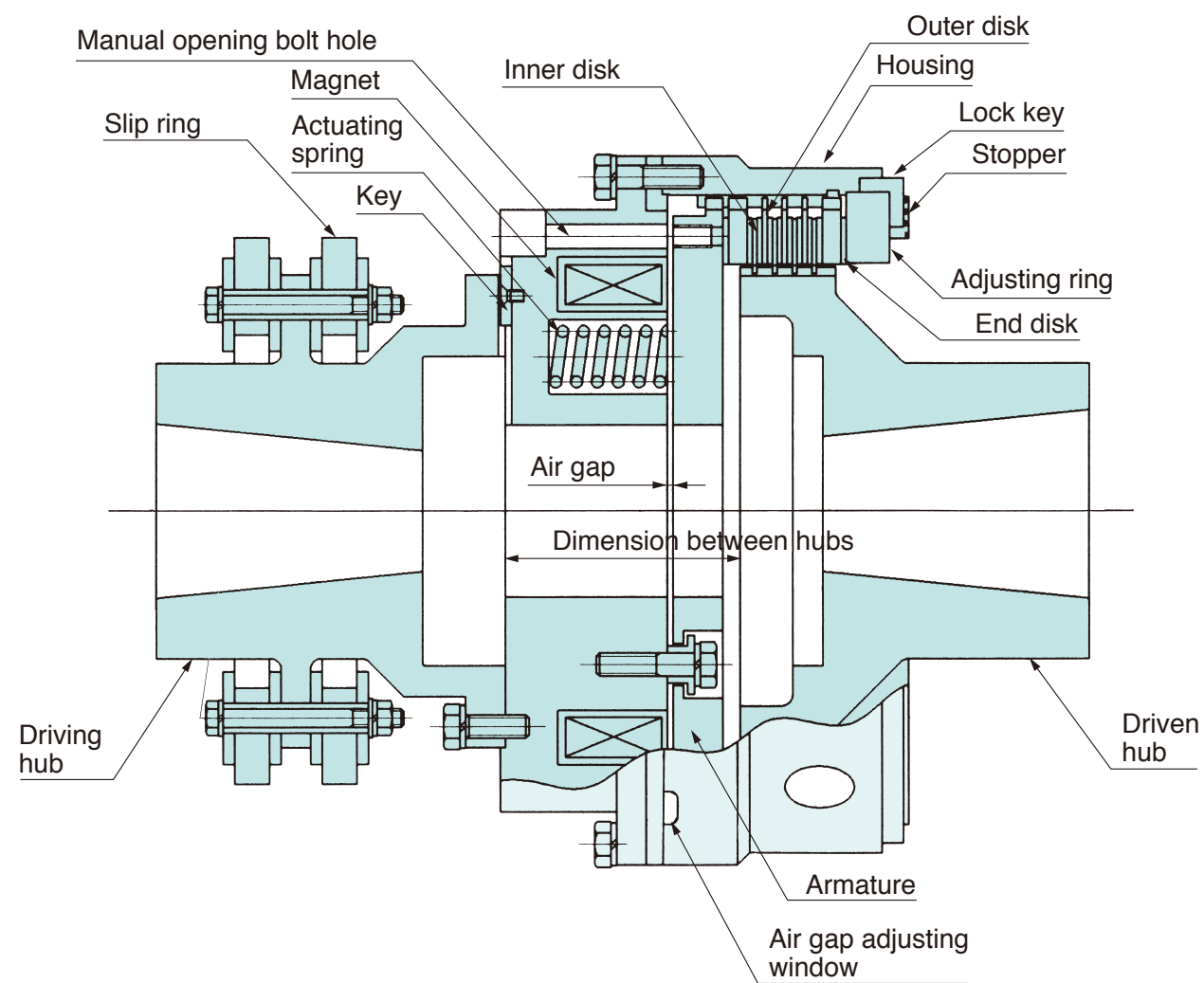
●SE : Spring closed large clutch

- **Nominal number**

Structure

■ **Single Unit**

SE



Build-to-order product

Selection Guide

■Motor frame number application table (Mill machine roll reduction apparatus)

The clutch is connected to two DC motors and used for synchronization.

Selection criteria: Clutch static friction torque > 360% of motor rated torque (Maximum running torque)

The following table was selected based on the DC motor for a mill auxiliary machine and crane, fully closed self cooling type and one hour rating.

Clutch		Motor: Fully closed self cooling / one hour rating				
Model	Static friction torque(Nm)	Frame No.	Output(kW)	Rated number of revolutions(r/min)	Acceleration and deceleration(r/min)	Rated torque(Nm)
SE-75	1250	804	15	725	725／1800	210
SE-90	1800	806	22	650	650／1950	330
SE-100	2500	808	37	575	575／1725	630
SE-115	4150	810	52	550	550／1650	920
SE-135	6650	812	75	515	515／1300	1420
SE-155	10400	814	110	500	500／1250	2140
SE-180	16600	818	185	435	435／1100	4150

Characteristics

■ Max speed/J

Model	Max rotation speed(r/min)	J(kgm²)	
		Driving side	Driven side
SE-75	1900	0.300	0.0225
SE-90	1900	0.475	0.0400
SE-100	1900	0.825	0.0600
SE-115	1900	1.475	0.140
SE-135	1700	3.375	0.275
SE-155	1500	6.525	0.600
SE-180	1200	11.525	1.075