

## SBW SERIES ELECTRO-HYDRAULIC STORM BRAKING WEDGES BRAKES

### APPLICATION

Electro-hydraulic storm brakes mainly used for storm braking in working state and auxiliary storm braking in nonoperative state for outdoor Large and medium-sized cranes and port handling equipment's.

### MAIN FEATURE

- Being equipped with limit switch, which can provide signal indication and interlocking protection.
- All hinge points are fitted with self-lubrication bearings, with high transmission efficiency, agile movement and long service life.
- With manual release function, it is and easy to maintain.
- The Thrusters with spring resetting function avoid the following situation where the wedge can't reset in time because the thrusters un-agile after power went off.
- The wedge is treated with special technique. It has high friction coefficient and excellent anti-corrosion performance.

### OPERATING CONDITION

- Ambient Temperature : -20°C ~ +55°C
- Voltages : AC 3 phase, volts 415V, 50Hz (Other voltage can be made as required)
- Relative Humidity : ≤90%
- Operating Duty : Intermittent (S3-60%, 1200 times per hour) and continuous (S1)
- Special requirements can be discussed before production.

### ORDER MARK

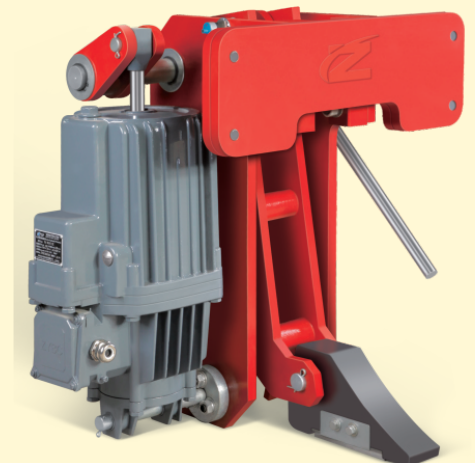
SBW- □ / □ - □

The position of manual release (L left lay, R right lay)

Thruster thrust code (10N)

Wheel Diameter

Type



### ORDER EXAMPLE

SBW - 600/80-L

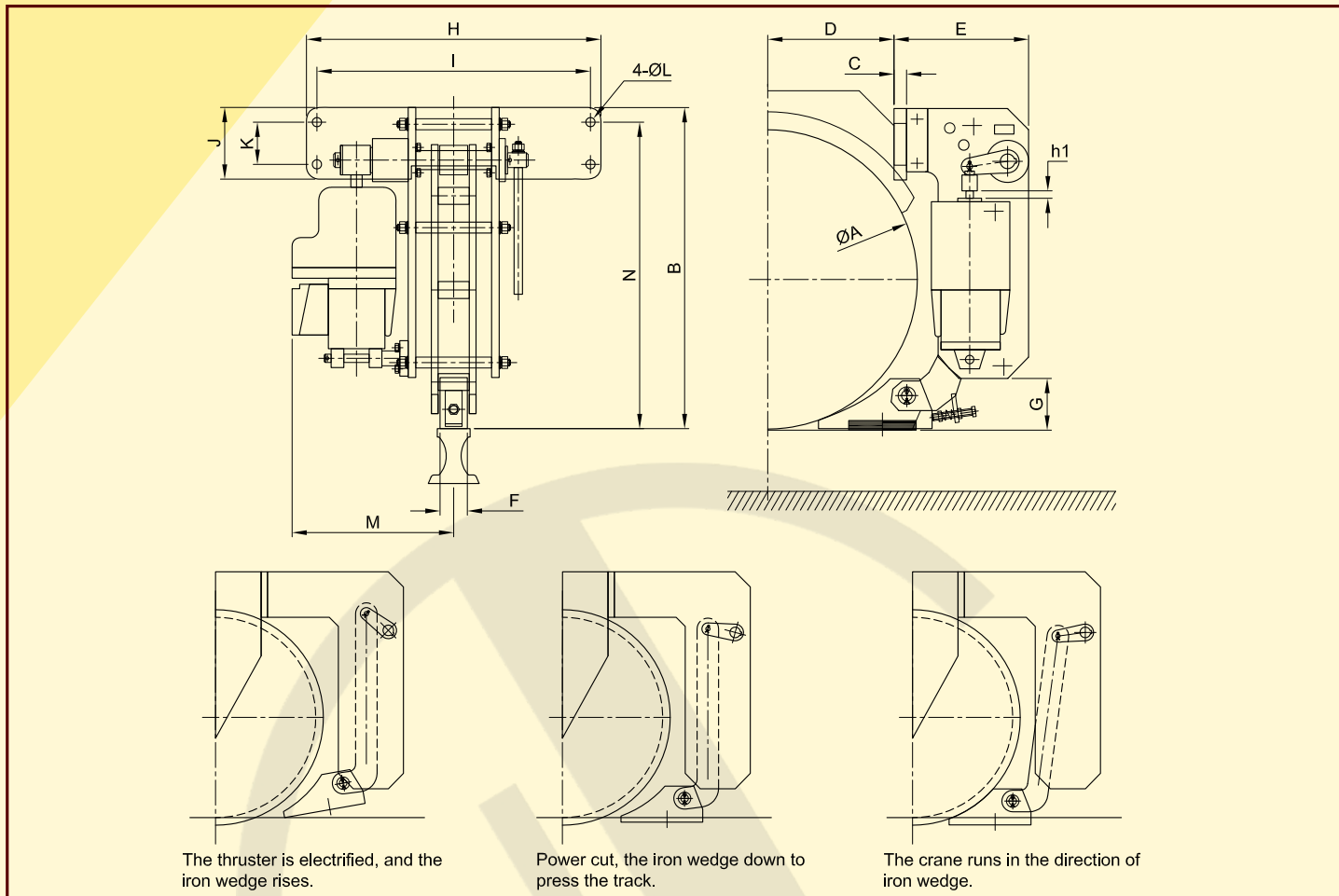
SBW - 600/80-R

**Note :** If power supply is 380V 50Hz it is necessary to specify in order.

# STORM BRAKING DEVICE



## OUTLINE AND INSTALLATION DIMENSION



## TECHNICAL DATA AND DIMENSIONS OF SBW SERIES STORM BRAKES

Brake Type	Thruster type	DIMENSIONS (mm)															Weight (kg)
		ØA	B	C	D	E	F	G	H	I	J	K	L	M	N	h1	
SBW-350/80	Eldy 80/6	350	640	18	180	310	60	55	480	430	165	100	18	360	607	8	129
SBW-400/80		400			240										605		
SBW-500/80	Eldy 80/6	500	640	18	240	310	60	55	480	430	165	100	18	360	605	8	129
SBW-550/80		550															
SBW-600/80	Eldy 80/6	600	760	20	260	315	60	120	650	600	170	100	22	360	725	8	146
SBW-630/80		630															
SBW-700/80	Eldy 80/6	700	760	20	300	315	70	120	650	600	170	100	22	360	725	8	149
SBW-710/80		710															
SBW-800/80	Eldy 80/6	800	950	25	300	315	70	120	700	650	170	100	22	395	915	8	164

**Note :** Electro-hydraulic thruster wiring box can be installed turning 90 degree and also can be installed in specified position according to customers requirement.

H. O. Unit - I : C-15/16, Nand Jyot Industrial Estate, Andheri-Kurla Road, Mumbai - 400072 ,  
Tel : (022) 42469700/730  
E-mail : sales@socgroup.in

Unit - II: Plot No. 4912, G. I. D. C., Phase IV, Vatva, Ahmedabad - 382445  
Tel.: (079) 68169700/702/712  
E-mail : enquiry2@socgroup.in

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