

## Applications



Hoist & Cranes



Textile



CNC Machines



Conveyors



Printing Machines



Wiredrawing Machines

Product Upgradation is a Continuous process hence, data in this booklet is subjected to change without prior notice for the latest information please get in touch with our sales office.

# SALOC<sup>TM</sup>

Electromagnetic Spring Loaded Fail Safe Brake  
From Torque Range 4Nm to 360 Nm



# SALOC Technologies Pvt Ltd

**SALOC Technologies Pvt Ltd**

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## Saillant Features

- Good Esthetic
- Strong Structure
- Simple Assembly and Installation
- Adjustable Torque
- Default Manual Release Handle and Dust Seal
- Vacuum impregnated coil.
- Epoxy Resin Bonded Vibration Proof Coil.
- Class "F" insulation
- All components are protected from rustproof chemical treatment

## Principles of Operation

SALOC electromagnetically actuated dual surface spring-applied DC brakes for dry application. The braking force is applied by the springs and released through the electromagnetic force. These brakes are successfully working in the most demanding applications and are used wherever rotating masses must be stopped or shafts need to held in a precise position.

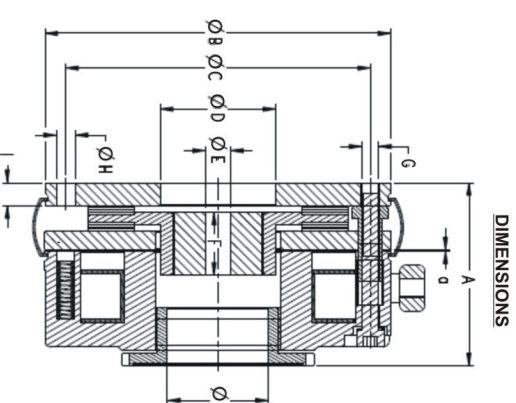
High quality materials together with high precision manufacturing, process inspections and functional testing guarantee reliable, safe operation

On request we can design the SALOC brake to your requirements, for example the brake can be supplied with pre-mounted armature and increased torque.

## Rectifiers

SALOC also offers different type of Rectifiers.

Voltage Ranges 415 VAC to 190 VDC and 230 VAC to 190 VDC, 2 Amps.



## PARAMETERS

BRAKE SIZES	A	B	C	D	E	F	G	H	I
TORQUE IN Nm	4	8	16	32	60	80	150	240	360
INPUT POWER IN WATT	20	25	30	40	50	55	85	100	110
A	47.5	53.5	65.4	73	84	92	106	118.5	132
α All Gap	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5
B	87	100	130	150	164	190	217	250	296
C	72	90	112	132	145	170	196	230	278
D	20	30	40	45	55	65	75	90	120
ØE H7**STD. BORES	10	11.14	19.20	24.25	24	28.30	28.32	34	38.40, 42
***MAX. BORES	11	15	24*	28*	32*	38*	45*	50	65
F	18	20	20	25	30	30	35	40	50
G	3xM3	3xM5	3xM6	3xM6	3xM8	3xM8	6xM8	6xM10	6xM10
ØH	3x4.5	3x5.5	3x6.6	3x6.6	3x9	3x9	6x9	6x11	6x11
I	6	7	9	9	11	11	11	11	12.5
ØJ	22	22	33	40	48	56	64	73	95

NOTE : 1) 1 Nm = 0.102 Kgm = 0.737 l.b. ft.

2) Standard Voltage 24 VDC and 190 VDC

3) Keyways I S : 2048 Std.

\*Non Standard Keyways

All Dimensions are in mm