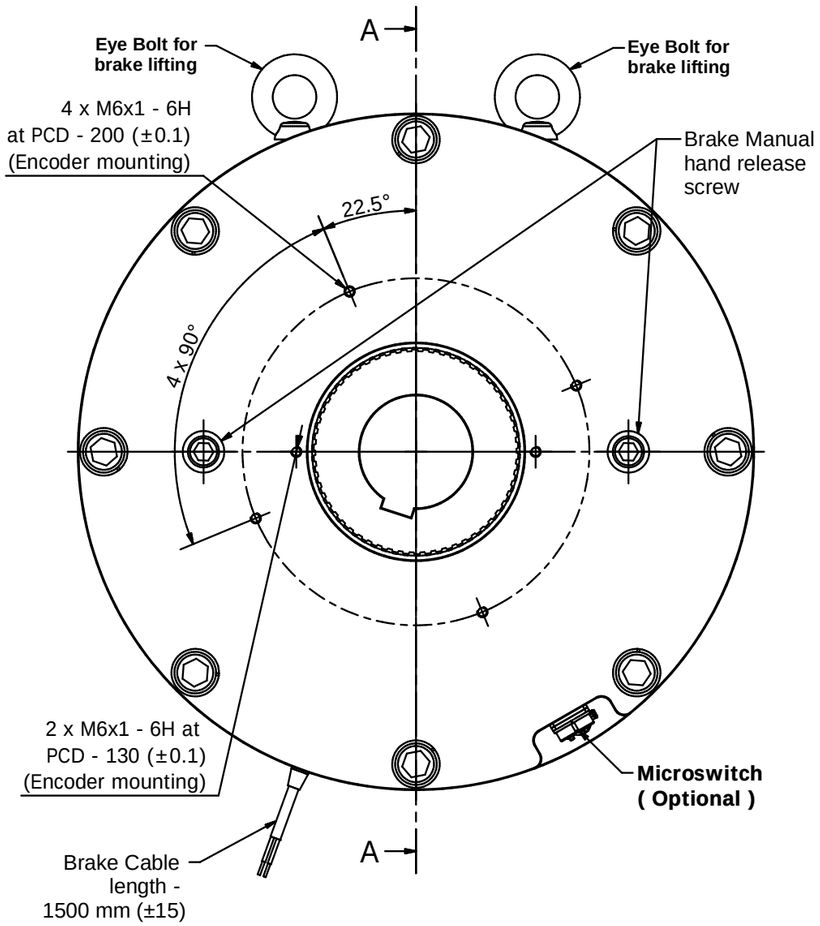
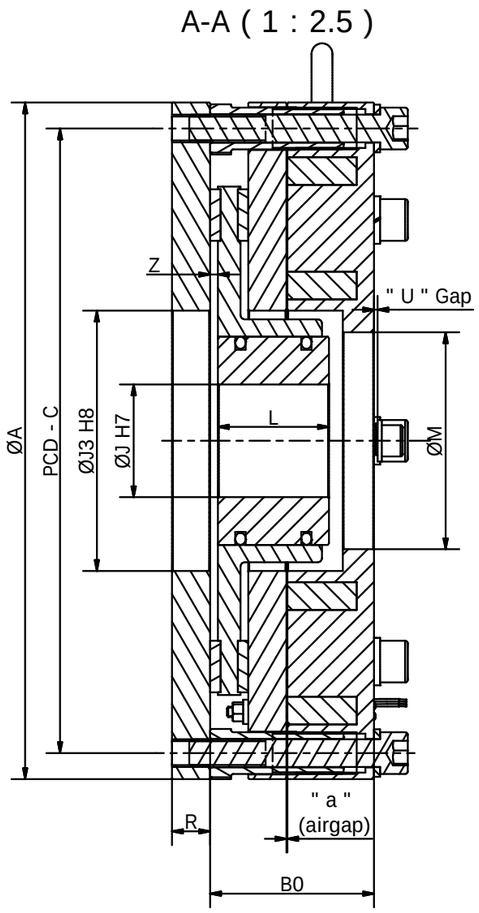
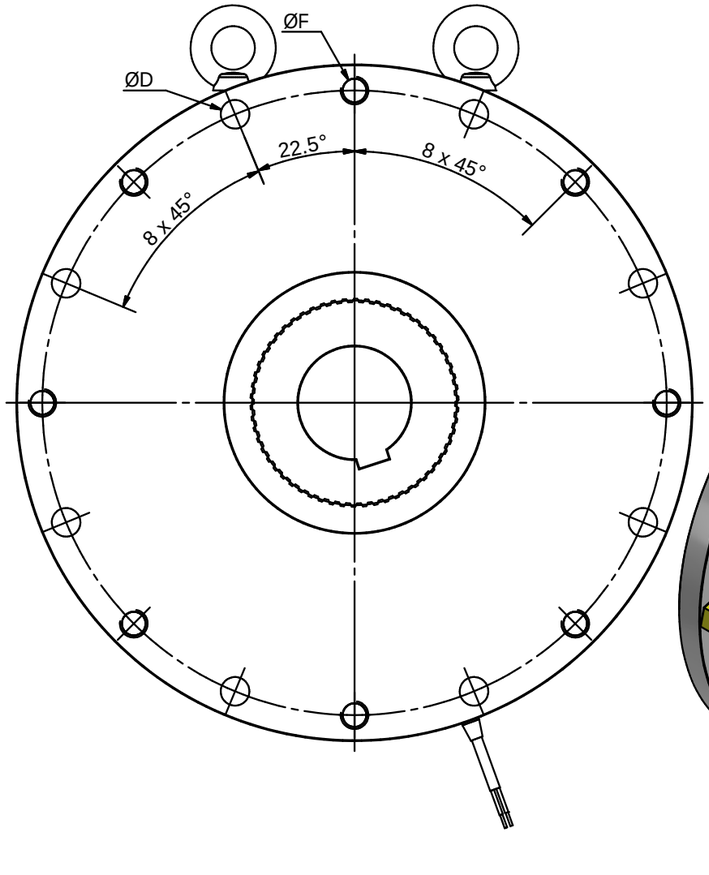
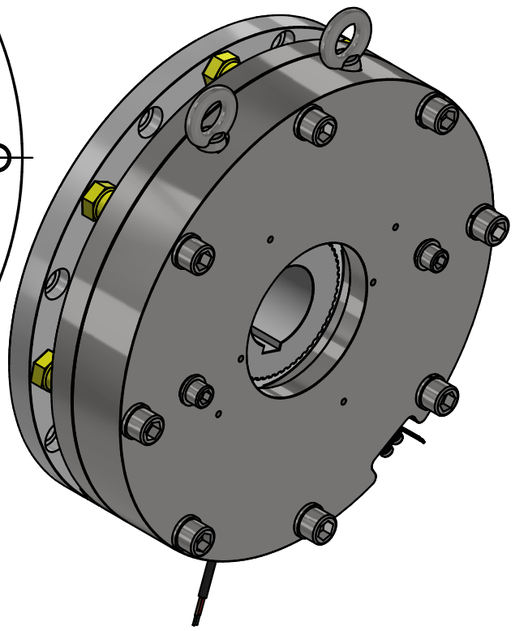
Emco Dynatorq	Title :- **Emco DC Spring Applied Fail Safe Brake - 14.468.xx**	Rev. No.	Rev. Date
		00	21-09-2019





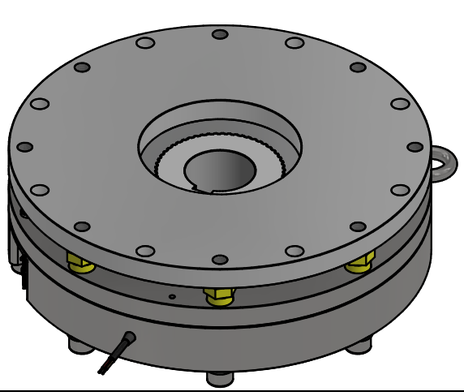


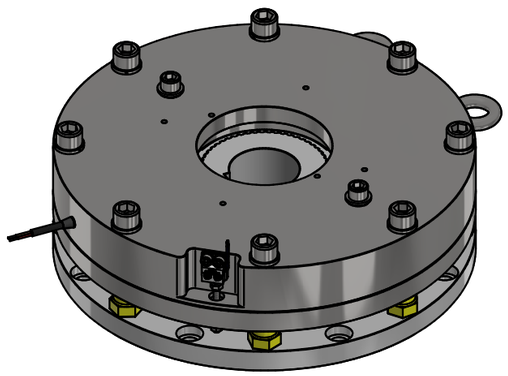


Brake Size	Service brake torque (Nm)	Holding brake torque (Nm)	Power P20 (W)	VDC	ØA (±0.5)	PCD - C (±0.1)	B0 (±0.5)	Ø J3 (H8)	ØJ (H7) Max.	Ø M (±0.5)	L (-0.2)	R (±0.5)	ØD	ØF	Z (±0.2)	"U" Gap (±0.2)	" a " Airgap (±0.05)	Manual hand release bolt
14.468.32	800	1000	240 W	103 & 190	360	325	95	145	90	125	64	22	8 x 11	8 x M10	4.5	2	0.5	2 x M12 x 70 mm L
14.468.42	1100 to 1300	1400 to 1600	340 W	103 & 190	390	360	95	150	90	125	64	22	8 x 16.5	8 x M16	4.5	2	0.5	2 x M12 x 70 mm L
14.468.44	1700 to 1900	2000	400 W	103 & 190	390	360	95	150	90	125	64	22	8 x 16.5	8 x M16	4.5	2	0.5	2 x M12 x 70 mm L
14.468.48	2100 to 2200	2300 to 2400	425 W	103 & 190	450	420	120.8	210	110	125	83	30	6 x 16.5	6 x M16	6.5	3	0.8	4 x M12 x 90 mm L
14.468.52	2500 to 2600	2700 to 3000	440 W	103 & 190	520	480	120.8	210	110	125	83	30	6 x 16.5	6 x M16	6.5	3	0.8	4 x M12 x 90 mm L

IMPORTANT:-

- P : Coil power at 20° C.
- Permissible voltage change + 5% to - 10%.
- Keyway to DIN 6885 - 01 / IS : 2048 (Js9).
- Class of Insulation " F " Class.
- Recommended ISO shaft tolerance
  up to Ø50mm = k6, over Ø50 = m6
- Brake to be operate with over excitation voltage rectifier only.
- Friction material asbestos free.
- Specifications are subject to change without notice.





- Holding brake with emergency stop operation ("a" airgap max approx. 1.5 x "a")
- Service brake ("a"max approx. 2.5 x "a")

All dimension are in mm.

Drawn. By :-	Himanshu Gajjar
Appr. By :-	V. R. Sharma
Date :-	21-09-2019

Drg. No:- 14.468.xx - 00001

General Tolerance For Non - Tolerated Dimension (For Machined Parts)
Actual. Dimn.- Up To 6 / 6 To 30 / 30 To 120 / 120 To 315 / 315 To 1000
Medium - ±0.1 / ±0.2 / ±0.3 / ±0.5 / ±0.8
Surface Roughness Grade no. & Ra value In um.
N12 < 50 / N10 < 12.5 / N8 < 3.2 / N6 < 0.8
SURFACE ROUGHNESS SYMBOLS USED IN DRGS
X - 12.5
Y - 3.2
Z - 0.8
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