



**Emco
Dynatorq**

Title:

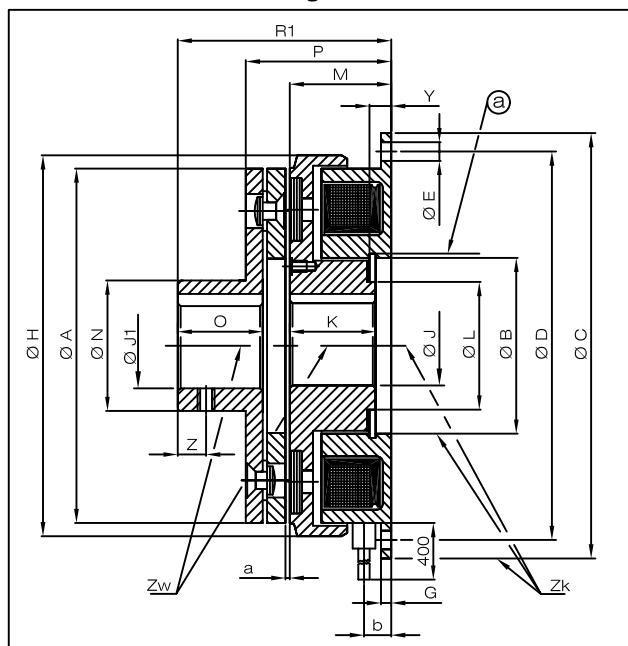
ELECTROMAGNETIC CLUTCH
TYPE - 14.105 Design 1.1 & 1.3 (Normally Off)

Reference:

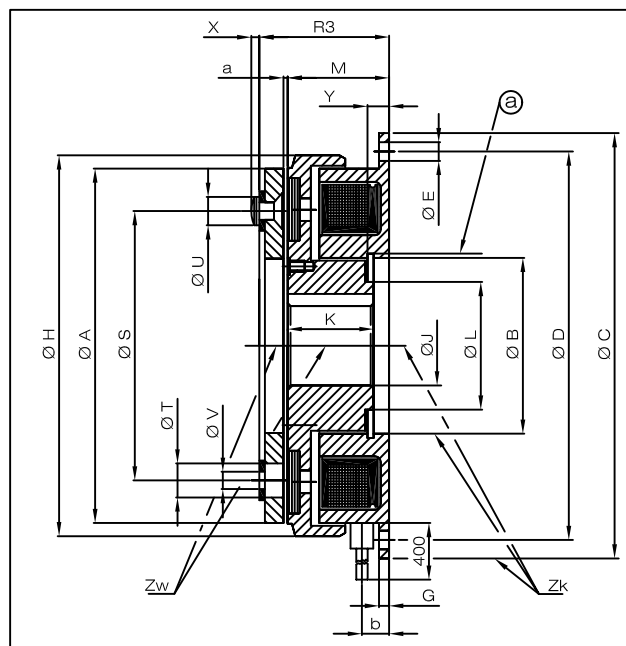
—

DIMENSIONS

Design 1.1



Design 1.3



PARAMETERS

Size		31	40	50
Torque	Ms [Nm]	630	1250	2500
Max. Speed	rpm [min ⁻¹]	1500	1500	1500
Input Power	P20 [W]	80	100	120
Permissible misalignment	Zw [mm]	0.15	0.2	0.2
	Zk [mm]	0.3	0.4	0.4
ØA		315	400	500
ØBH8		160	200	250
ØCn9		355	440	540
ØD		335	420	520
ØE		11 x 8	14 x 8	14 x 8
G		14	17	22
ØH		332	418	526
K		53	69.5	84
ØL		130	160	190
M		63	76.5	93
ØN		135	175	225
O		64	76	102
P		92	112.5	138
R1		143	172.5	220
R3		79	96.5	118
ØS		250	315	400
ØT		28	32	35
ØU		26 x 4	29 x 4	32 x 4
ØV		16.2 x 4	18.2 x 4	20.2 x 4
X		4	4.5	5
Y		9	11	14
a		1	1	1
b		20	28	32
ØJ ^{H7} (max.)		105	130	150
ØJ1 ^{H7} (max.)		105	130	150

IMPORTANT : 1 Nm = 0.102 kgm = 0.737 lb. ft.

Standard voltages: 24 V.D.C.; 96 V.D.C.; 190 V.D.C.

Other voltages on request.

Ms: Dynamic Torque

All dimensions are in mm.

Keyways to DIN 6885/IS:2048

Ⓐ Circlip grooves to DIN 472/IS:3075 (Part 2).

P : Coil power at 20° C in W