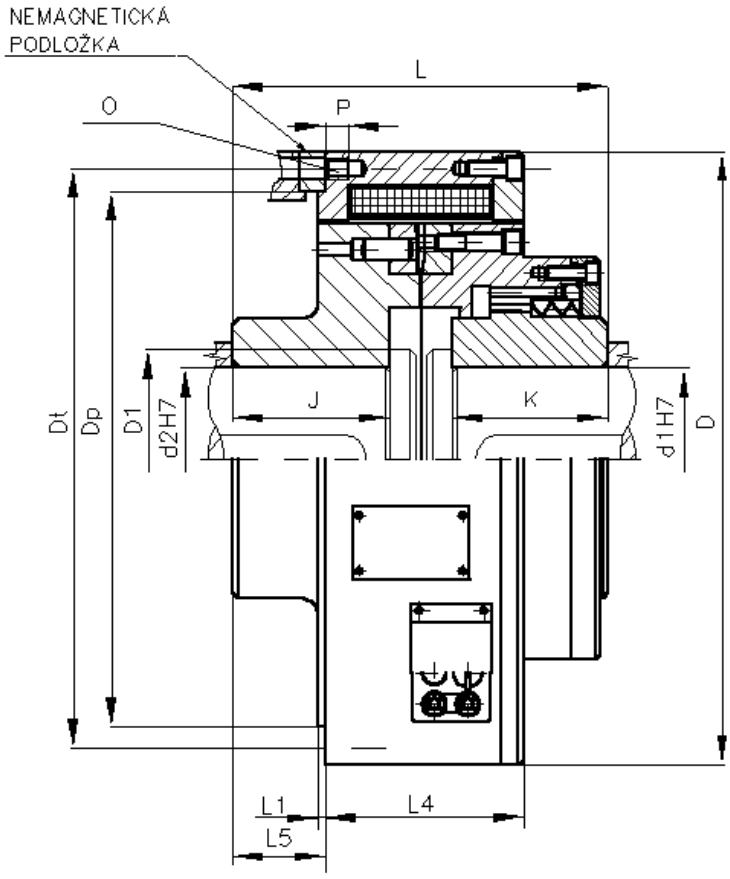
Clutch EZA
(electric activation)

Transmit high torques by meshing of claw gearing of driving and driven members, wich are attracted together with a force induced by an electromagnet. They are used mainly for remote control of burning turbines, in driving units of rolling mils and on machines working in explosive environment, because they have no collecting rings. The clutches are of small dimmensions and are easy to maintain, because by accurate shaft aligment there does not occur any friction on contact surfaces. It is not necessary to adjust them.



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Clutch EZA

Size	25	100	160	250	400	630	1000
Main Technical Data							
Nominal torque (Nm)	250	1000	1600	2500	4000	6300	10000
Max. speed (rpm)	1500	1500	1500	1500	1500	1500	1500
Voltage (V)	24	110	110	110	110	110	110
Current (A)	3,49	1,5	1,8	1,8	1,8	1,8	1,8
Output (W)	83,8	165	198	198	198	198	198
Max. axial clearance of conn. parts	1	1	1	1,5	1,5	2	2,5
Required shaft alignment (mm)	0,05	0,05	0,05	0,05	0,05	0,05	0,05
Weight (kg)	24	43	57	77	103	158	239
Dimensions (mm)							
D	210	290	306	342	376	440	496
Dt	197	276	290	320	355	415	465
Dpk6	180	240	265	300	325	390	430
L max.	145	165	185	200	220	260	280
L1	3	4	4	4	5	5	5
J	60	70	77	85	95	114	123
K	60	72	75	85	95	114	123
d H13 prebore	30	40	50	60	70	80	90
d1H7, d2H7 max.	50	75	90	100	110	125	140
Numer of pcs x O	4xM8	4xM10	8xM10	8xM10	8xM12	8xM12	8xM12
P	12	12	12	12	15	15	16
L4	72	81	96	118	114	125	159
L5	30	43	46,5	43	57	69,5	64,5

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