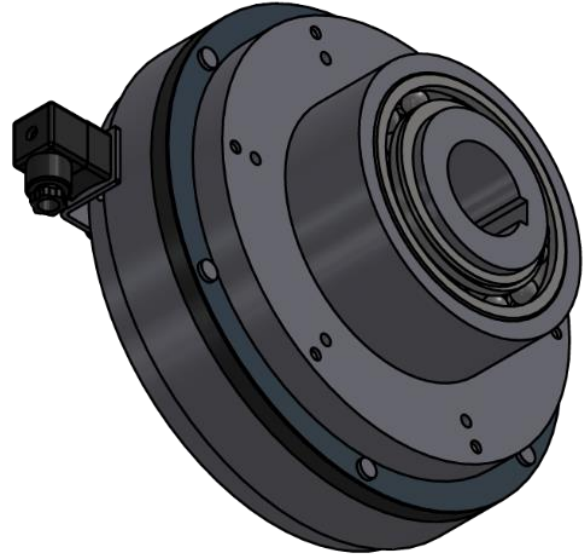


# EC4P Series

## Four Pole Electromagnetic Clutch

### Features:

- Higher torques available than traditional similar size two pole clutches.
- More torque capacity in limited space applications.
- The clutch design incorporates a convenient mounting hub for driven chain wheels, pulleys or other elements.
- Bearing mounted design enables easy installation.



### Standard coil voltage 24vdc.

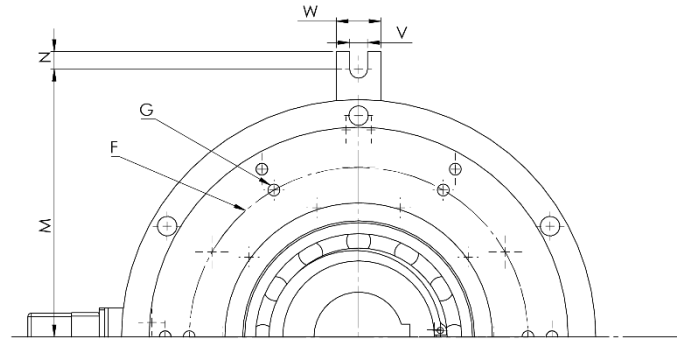
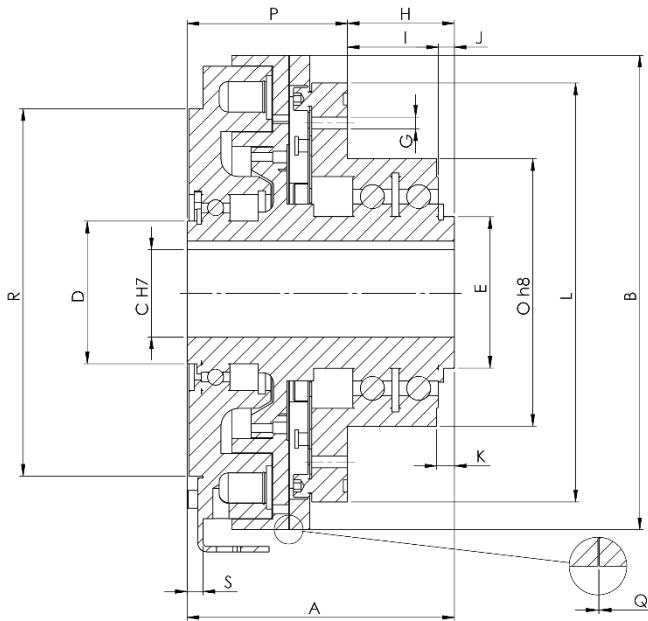
Other voltages available upon request.

### Technical Data:

EC4PXXXX		90	120	150	170	210	260	310	400	500	600
Dynamic Torque (Nm)		29	58	105	160	350	570	1150	2300	3450	5100
Static Torque (Nm)		45	90	160	250	550	900	1800	3600	5400	8000
Max. Speed (RPM)		6000	4500	4250	4000	3000	2800	2200	1600	1400	1200
Build Up Time (ms)		75	100	138	182	286	363	473	616	715	800
Decay Time (ms)		35	46	66	83	132	180	242	330	385	400
Power (W)		35	50	56	65	85	120	240	280	440	576
Inertia (Kgm <sup>2</sup> )	Rot. Side	0.0004	0.0017	0.0034	0.0076	0.0235	0.639	0.1620	0.5322	1.2762	3.0425
	Arm. Side	0.0003	0.0016	0.0038	0.109	0.0358	0.0795	0.2187	0.6617	1.4318	3.7486
Weight (Kg)		1.83	4.70	7.17	10.56	20.13	31.41	56.51	112.21	177.57	342.61

# EC4P Series

## Four Pole Electromagnetic Clutch



EC4PXXXX	90	120	150	170	210	260	310	400	500	600
A	67	88	96	112	142	150	180	220	258	377
B	90	124.5	149.5	169	216	266	327	409	497	606
C max.	26	38	44	44	55	65	85	105	115	150
D	35	50	55	55	70	80	105	140	160	190
E	35	50	55	55	70	80	105	140	150	190
F	68	91	110	130	160	180	220	275	300	360
G (N x D)	3XM5	3XM6	6XM6	3XM8	4XM8	6XM8	6XM12	6XM16	8XM16	8XM20
H	18.5	25.5	34	34	55	64.5	73	82.5	102	162
I	14.35	20.7	28	28	47	55	63	71.5	90	151
J	4.15	4.8	6	6	8	9.5	10	11	12	11
K	5	6	9	9	9	10.5	16	18.5	18	21
L	77	105	154	154	188	235	295	370	435	540
M	51	65	91	91	125	150	180	215	260	315
N	7	7	10	10	10	10	10	20	20	25
O	55	75	102	102	125	150	185	220	240	300
P	48.5	62.5	78	78	87	85.5	107	137.5	156	215
Q	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8
R	--	--	--	130	168	206	258	304	358	458
S	2.22	3.6	11	11	12	9	12	17.3	17	43
V	5.5	5.5	8	8	10	10	10	15	15	20
W	19	19	23	23	25	25	25	50	50	60