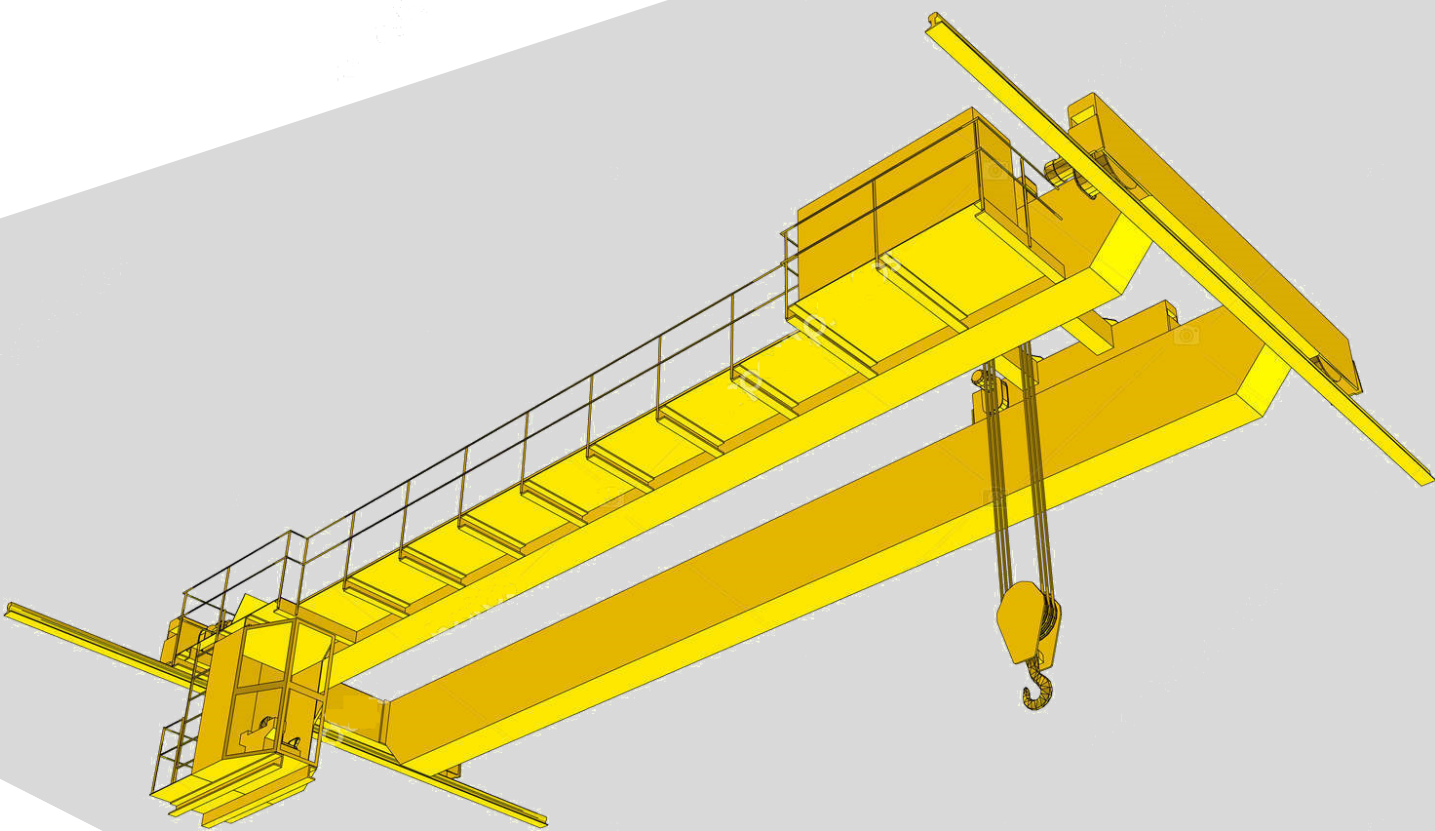


# INDUSTRIAL CRANE MOTORS



enerkoi

# INDUSTRIAL CRANE MOTORS

Trolley and hoisting motors for industrial crane application.

- Variable frequency motors
- IP55 / IP54 enclosures
- Special flange and shafts
- Different constructive shapes
- Accesories; Encoder, thermal probes, resistors, etc...
- Customized terminal box position
- Spring compression DC brake. Power-off braking. Insulation class F (155°C). Adjustable air gap and long life.



## TECHNICAL SPECIFICATIONS:

### Trolley Brake Motors:

TYPE	POWER (kW)	SPEED (rpm)	TENSION (V)	FRECUENCY (Hz)	TORQUE (Nm)
80M	0,75	1405	230	50	5,1
90L	1,5	1410	230	50	10,2
100L	2,2	1420	230	50	14,8
100XL	3	1420	400	50	20,2
112M	4	1435	400	50	26,6
132S	5,5	1445	400	50	36,4
132M	7,5	1450	400	50	49,4
160M	11	1455	400	50	72,2

## Hoisting Brake Motors:

TYPE	POWER (kW)	SPEED (rpm)	TENSION (V)	FRECUENCY (Hz)	TORQUE (Nm)
100XL	3	1420	400	50	20,2
112M	4	1435	400	50	26,6
132M	7,5	1450	400	50	49,4
160M	11	1455	400	50	72,2
160L	15	1460	400	50	98,1
180M	18,5	1470	400	50	120,2
180L	22	1465	400	50	143,4
200L	30	1465	400	50	195,6
225S	37	1470	400	50	240,4

## Electromagnetic DC Brakes:

For different applications, see table for the related torque value matched with the frame size:

SIZE	6	8	10	12	14	16	18	20	25	30
Rated torque(Nm): value at $\Delta n=100\text{rpm}$								80		
	1.5	3.5			25	35	65	115	175	
	2	4	7	14	35	45	80	145	220	
	2.5	5	9	18	40	55	100	170	265	400
	3	6	11	23	45	60	115	200	300	600
	3.5	7	14	27	55	70	130	230	350	800
	4	8	16	32	60	80	150	260	400	1000
	4.5	9	18	36	65	90	165	290	445	1200
	5	10	20	40	75	100	185	315	490	1350
	5.5	11	23	46	80	105	200	345	530	1500
	6	12					125	235	400	600
	DECCELERATING BRAKING			MANTAINING BRAKING			STANDARD BRAKING TORQUE			



ENERKOI BASQUE ENERGY S.L.  
C/Uzturre 1, Oficina 203, Pol. Ind. Apatta-Erreka  
20400, IBARRA Spain  
Tlf.: +34 943 544 002, E-Mail: [info@enerkoi.com](mailto:info@enerkoi.com)  
[www.enerkoi.com](http://www.enerkoi.com)