

Motors for cranes


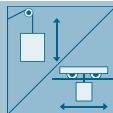
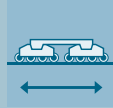
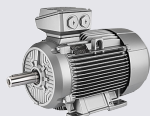
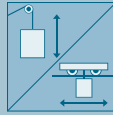
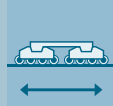

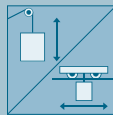
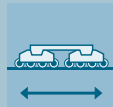
Crane motors from Innomotics

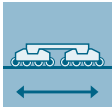
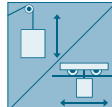
Innovative drive technology for crane applications

Overview

Motors for cranes

Overview of motors from Innomotics for cranes

Motor type		Degree of protection	Cooling method	Frame size	Rated power kW	Rated torque Nm	No. of poles	Rated speed r/min	Application
Innomotics DP 	1PC1341	IP55	self	132S ... 280M	5.5 ... 132	50 ... 1066	4	1500	
		IP55	self	132S ... 280M	9 ... 90	41 ... 1089	6	1000	
		IP55	forced	315L	117 ... 214	1425 ... 2605	6	1000	
		IP55	forced	315L	101 ... 179	1657 ... 2923	8	750	
	1PC1361	IP55	non	132S ... 280M	2 ... 47	28 ... 675	4	1500	
		IP55	non	132S ... 280M	1.1 ... 32	24 ... 694	6	1000	
Innomotics SD 	1LE15 1LE16 1LE5	IP55	self	100 ... 450	1.75 ... 1000	15 ... 8100	4, 6, 8	750 ... 1800	 
Innomotics M 	1PH8	IP23, IP55	forced	355	230 ... 1340	3661 ... 12415	6	600 ... 1350	 

Symbol	Explanation	Symbol	Explanation
	Gantry		Hoisting gear and trolley

More information

The selection and dimensioning of crane motors can be different and challenging, depending on the application conditions. For the selection of an optimally designed motor for crane applications please contact your local Siemens Cranes sales representative.

The efficient CR-BASICS course provides the necessary knowledge to understand a crane's mechanical and physical inter-relationship.

Theoretical knowledge is deepened with the help of real application calculation examples. The course is supplemented by content about the basics of asynchronous motors and converters, their dimensioning and configuration. The conclusion to the course is a written exam.

You will find further information about the course contents and dates on the internet:

www.siemens.com/simocrane-learning