

Selection and ordering data

Structure of the article numbers for SIMOTICS FD crane motors

Structure of the Article No.:

Position: 1 2 3 4 5 6 7 - 8 9 10 11 12 - 13 14 15 16

SIMOTICS FD crane motors for hoisting gear

1st to 4th position: Digit, letter, letter, digit	Motors without explosion protection	1 L	M 1	Q 1	P 1											
	Air-cooled, enclosed version with self-ventilation, IC411															
	Air-cooled, enclosed version with forced ventilation, IC416															
	Air-cooled, open version with forced ventilation, IC06															
5th position: Digit	Motor series	Crane motors for hoisting gear			6											
6th position: Digit	System description	Operation on SINAMICS converter with controlled infeed			1											
7th position: Digit	Efficiency	High Efficiency			2											
8th and 9th position: Digit, letter	Frame size	315 355 400 450						3 A 3 B 4 A 4 B								
10th position: Letter	No. of poles	4-pole						B								
11th position: Digit	Laminated core length	3 (for frame size 315) 5 (for frame size 450) 7 (for frame size 315, 355, 400)						3 5 7								
12th position: Digit	Line voltage	480 V						8								
13th position: Digit	Rated speed	1000 rpm 750 rpm 900 rpm											3 4 8			
14th position: Letter	Type of construction	IM B3												A		
15th position: Letter	Terminal box position	Standard version (terminal box on DE top) <u>Version with one terminal box</u> Terminal box on DE right Terminal box on DE left Terminal box on NDE top Terminal box on NDE right Terminal box on NDE left Terminal box in special version <u>Version with two standard terminal boxes</u> Terminal boxes both top (NDE and DE) Terminal boxes both left (NDE and DE) Terminal boxes both right (NDE and DE) Terminal boxes both on DE (right and left) Terminal boxes both on NDE (right and left)												A B C D E F Z K L M N P		
16th position: Digit	Separately driven fan – heat exchanger position	No separately driven fan, no heat exchanger <u>Separately driven fan position for air-cooled motors</u> Separately driven fan unit NDE top Separately driven fan unit NDE right Separately driven fan unit NDE left													0 2 3 4	