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## Three-Phase Squirrel Cage Motors High-Voltage Type DOR

The Helmke motor series provide reliability and safety.

Squirrel cage motors		Conventional applications	
Power:	200 - 1,800 kW	2 - 4 pole:	pumps, compressors, blowers
Speed:	3,000 - 500 rpm	6 - 8 pole:	fans, chippers, mills
Voltage:	3,000 - 11,000 V	10 - 12 pole:	piston compressors, blowers
Degree of protection:	IP 55		
Cooling method:	IC 411		
Frame type:	B3 and V1		

### Constructional features for IC 411 motors

- torsion resistant, sturdy housing and bearing plates of cast iron with internal and external ribs for an optimum heat dissipation
- reliable bearing design, DE fixed bearing
- rotor winding construction with aluminium cage or solid copper cage
- VPI insulating system
- end windings resistant to residual field switchovers of all magnitudes and phase positions

