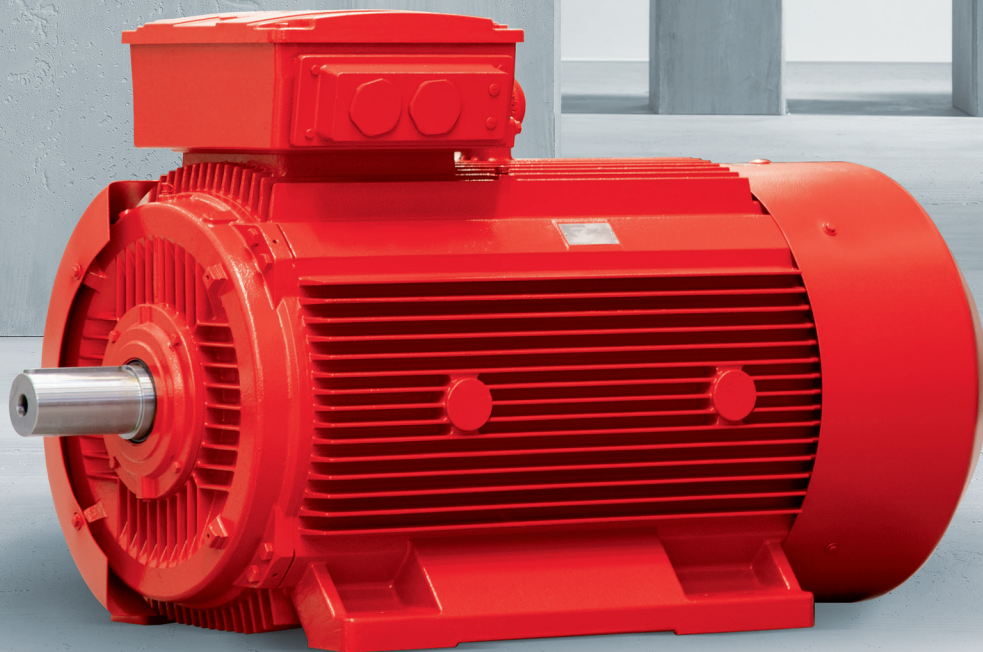


NEW: DRN355 AC motors for power ratings
of 350 to 500 HP



The complete motor modular system in IE3, now also from 350 to 500 HP

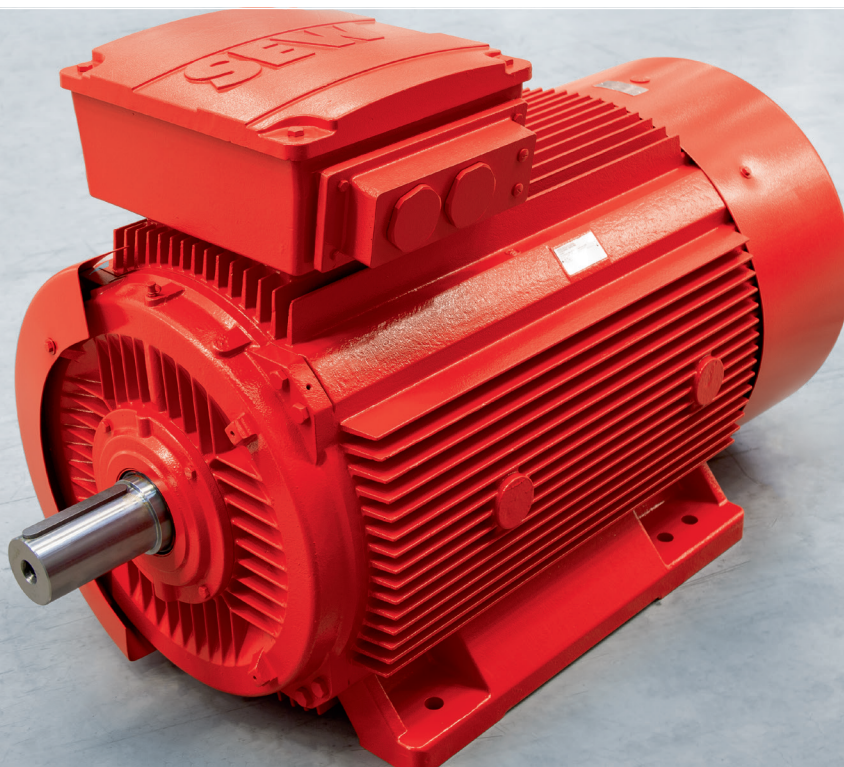
Applications involving industrial gear units are particularly likely to require high-power motors. With the correspondingly tougher IE3 efficiency requirements that apply worldwide in this power range, we have developed the DRN355 motor. The DRN355 is part of our modular DRN.. motor series and meets all the relevant global efficiency requirements.

Everything from a single source















- Couplings – input and output side
- Drive packages on steel solutions (industrial gear units on swing base)
- Brakes
- External oil supply and oil cooling systems



The DRN355 is a typical 4-pole asynchronous motor. Its feet form an integral part of the housing, which ensures rigid, virtually flex-free attachment to the customer application. A fan guard extension is installed in the version without IEC flange to improve ventilation of the A-side bearing.



Available certifications

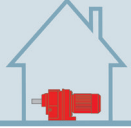
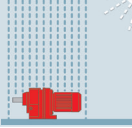
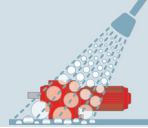
Country of use	Certification	Label
 USA	UR, DoE	
 Canada	CSAe	
 Europe	CE	
 China	CEL	
 Brazil	ABNT, INMETRO	
 Eurasian Economic Union	EAC	
 Marokko	CMIM	

Combinations of certifications are possible.

Technical data

460 V / 60 Hz	Rated power	Rated torque	Rated speed	Rated current	Power factor	Starting current ratio	Starting torque ratio	Breakdown torque ratio
	HP	lb-in	min ⁻¹	A			Ramp-up torque ratio	
DRN355MS4	350	12,213	1793	385	0.87	7.4	2.2	3.0
							1.6	
DRN355MR4	400	14,160	1793	445	0.87	9.1	2.9	3.7
							2.3	
DRN355M4	450	15,842	1792	495	0.88	8.2	2.6	3.3
							2.1	
DRN355ML4	500	17,700	1793	550	0.88	8.3	2.3	2.9
							1.6	

Surface protection information

	Standard Dry indoor environment	OS2 Outdoor/splash exposure	OS4 Chemical wet operation
			
Suited for environment	Suitable for machines and systems within buildings and interior rooms with neutral atmospheres	Suitable for environments with high humidity such as outdoor applications subject to direct weathering or indoor environments with splashing water	Suitable for environments with permanent humidity and severe atmospheric or caustic wet cleaning also with chemical cleaning agents
Corrosivity category per ISO 12944-2	C1 (negligible)	C3 (moderate)	C5-I (severe)



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