

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of



Motor type: **W-DF315MN IE2 4P 150kW B3**
Motor item number:

Rated power:	150 kW		60 HZ data	kW
Poles(Synch speed):	4p (1500) r.p.m		50 HZ data	r.p.m
Full load speed:	1490 r.p.m		60 HZ data	r.p.m
Voltage:	400 / 690	V	50 HZ data	V
Frequency:	50 Hz		60 HZ data	Hz
Connection:	Δ / Y		50 HZ data	
Amps full load (FLA):	256 / 149	A	60 HZ data	A
Amps no-load (NLA):	A			

Enclosure:	IP55	Cable entries size:	
Mounting:	IM B3 (IM 1001)	Winding protection:	3xPT160
Insulation Class:	F	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40 °C	Heater:	no
Min. ambient temp.:	-20 °C	Shaft extension:	85x170 mm
Max. temp. rise:	80 K	Weight:	1100 kg
Duty type:	S1	Painting:	Argus
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6319 C3	Box position:	Top DE
Bearing NDE	6319 C3	Cable entry towards:	Right
Grease:	Lithium or Polyurea Base	Cable type:	N/A
Regreasing facilities:	YES	Balance grade:	Normal

Efficiency class:	IE2	Sound pressure (1m):	73 dB(A)
Load data:	100% 75% 50%	Resistance R20:	0,024 PH
Efficiency:	94,9 95,7 94,8		
Power factor:	0,89 0,87 0,81		

Full load torque (FLT):	961,4 Nm	Pull out torque ratio:	2,7 MK/MN
Starting torque ratio:	2,4 MA/MN	Pull up torque:	2,0 MS/MN
Starting current ratio:	7,8 IA/IN	Rotor inertia WK2:	2,4 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:
Certificate number:	t _E time: sek

Special remarks: