

**HSD2IS205X5**

Rev - 01

Date - 19.08.2021

## **MOTOR DATA SHEET**

<b>SR NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	
1	Make		Havells India Ltd.
2	Type of motor		AC 3 PH. Sq. Cage Induction Motor
3	Efficiency Class		IE2
4	Frame size		MHEE132SZA2
5	Ambient	Deg C	50
6	Nominal output	kW/HP	5.5/7.5
7	Duty		S1
8	Pole / Rated Speed (RPM)		2/2890
9	Insulation Class		F
10	Temperature Rise		Limited to Class B
11	Mounting arrangement		B3
12	T.B. Position (Viewed from DE side)		TOP
13	Voltage	Volts	415± 10%
14	Rated Frequency	Hz	50 ± 5%
15	Allowable combined variation		± 10%
16	Type of connection		Delta(Δ)
17	Full load current	Amps.	9.9
18	Efficiency at rated Voltage at 100% load	%	87
19	Efficiency at rated Voltage at 75% load	%	87
20	Efficiency at rated Voltage at 50% load	%	86.1
21	Power factor at rated Voltage		0.89
22	Starting torque at rated Voltage	%	240
23	Pull-out torque at rated Voltage	%	270
24	Starting current at rated Voltage	%	700
25	Construction / Method of cooling		TEFC / IC411
26	Degree of protection of enclosure		IP 55
27	Paint Shade		Smoke Grey
28	Type of bearing DE/NDE		6208 2Z/6208 2Z
29	Grease Type		Lithium Base, Grade-3
30	Cable Entry		2xM32x1.5
31	Motor GD <sup>2</sup>	kgm <sup>2</sup>	0.056
32	Net weight	kg	57
33	Applicable standard		IS 12615

**Note:-** All Performance figures are subject to tolerance as per IS 12615.