

EU Declaration of Conformity

2014/35/EU LOW VOLTAGE DIRECTIVE

2014/30/EU ELECTROMAGNETIC COMPATIBILITY DIRECTIVE

This is hereby declared that following designated products complied with the essential EMC and safety requirements of above Council Directive(s) on the approximation of the laws of the Member States relating to it.

Designation: **AC Servo Motor**

Trade Mark: 

Model/Type:

IMS20B-20M11D17C-4-P94F-A, IMS20B-20M11D17C-4-P9F-A,
IMS20B-20M11D17C-4-R7F-A, IMS20B-20M12D20C-4-P94F-A,
IMS20B-20M12D20C-4-P9F-A, IMS20B-20M12D20C-4-R7F-A,
IMS20B-20M13D15C-4-P94F-A, IMS20B-20M13D15C-4-P9F-A,
IMS20B-20M13D15C-4-R7F-A, IMS20B-20M14D17C-4-P94F-A,
IMS20B-20M14D17C-4-P9F-A, IMS20B-20M14D17C-4-R7F-A,
IMS20B-20M16D15C-4-P94F-A, IMS20B-20M16D15C-4-P9F-A,
IMS20B-20M16D15C-4-R7F-A, IMS20B-20M17D20C-4-P94F-A,
IMS20B-20M17D20C-4-P9F-A, IMS20B-20M17D20C-4-R7F-A,
IMS20B-20M18D17C-4-P94F-A, IMS20B-20M18D17C-4-P9F-A,
IMS20B-20M18D17C-4-R7F-A, IMS20B-20M19D15C-4-P94F-A,
IMS20B-20M19D15C-4-P9F-A, IMS20B-20M19D15C-4-R7F-A,
IMS20B-20M20D20C-4-P94F-A, IMS20B-20M20D20C-4-P9F-A,
IMS20B-20M20D20C-4-R7F-A, IMS20B-20M21D17C-4-P94F-A,
IMS20B-20M21D17C-4-P9F-A, IMS20B-20M21D17C-4-R7F-A,
IMS20B-20M22D15C-4-P94F-A, IMS20B-20M22D15C-4-P9F-A,
IMS20B-20M22D15C-4-R7F-A, IMS20B-20M24D20C-4-P94F-A,
IMS20B-20M24D20C-4-P9F-A, IMS20B-20M24D20C-4-R7F-A,
IMS20B-20M25D15C-4-P9F-A, IMS20B-20M25D15C-4-R7F-A,
IMS20B-20M25D17C-4-P94F-A, IMS20B-20M25D17C-4-P9F-A,
IMS20B-20M25D17C-4-R7F-A, IMS20B-20M27D20C-4-P94F-A,
IMS20B-20M27D20C-4-P9F-A, IMS20B-20M27D20C-4-R7F-A,
IMS20B-20M28D15C-4-P9F-A, IMS20B-20M28D15C-4-R7F-A,
IMS20B-20M29D17C-4-P9F-A, IMS20B-20M29D17C-4-R7F-A,
IMS20B-20M31D15C-4-P9F-A, IMS20B-20M31D15C-4-R7F-A,
IMS20B-20M32D17C-4-P9F-A, IMS20B-20M32D17C-4-R7F-A,
IMS20B-20M32D20C-4-P9F-A, IMS20B-20M32D20C-4-R7F-A,
IMS20B-20M36D17C-4-P9F-A, IMS20B-20M36D17C-4-R7F-A,
IMS20B-20M36D20C-4-P9F-A, IMS20B-20M36D20C-4-R7F-A,
IMS20B-20M40D20C-4-P9F-A, IMS20B-20M40D20C-4-R7F-A,
IMS20B-20M63C15C-4-P94F-A, IMS20B-20M63C15C-4-P9F-A,
IMS20B-20M63C15C-4-R7F-A, IMS20B-20M71C17C-4-P94F-A,

IMS20B-20M71C17C-4-P9F-A, IMS20B-20M71C17C-4-R7F-A,
IMS20B-20M80C20C-4-P94F-A, IMS20B-20M80C20C-4-P9F-A,
IMS20B-20M80C20C-4-R7F-A, IMS20B-20M94C15C-4-P94F-A,
IMS20B-20M94C15C-4-P9F-A, IMS20B-20M94C15C-4-R7F-A

IP protection class:IP54

The following Standards and other technical specifications have been used:

EN 60034-1:2010,EN IEC 61000-6-4:2019

BS EN IEC 61000-6-2:2019

IEC 61000-4-2:2008, IEC 61000-4-3:2020,

IEC 61000-4-4:2012, IEC 61000-4-6:2013,

IEC 61000-4-8:2020

EMC test report no.: 250915001

Safety test report no.: INVT.2025.09.15.001

This declaration is the responsibility of the Manufacturer:

INVT POWER ELECTRONICS (SUZHOU) CO., LTD.

**No.1, Kunlunshan Road, Suzhou Science& Technology Town, Hi-Tech Area, 215153
Suzhou City, Jiangsu Province. PEOPLE'S REPUBLIC OF CHINA**

*This declaration applies to all specimens manufactured identical to the model submitted for testing/
evaluation. Assessment of compliance of the products with the requirements relating to EMC and safety
standards listed above was performed by manufacturer.*

SIGNED ON BEHALF OF:

INVT POWER ELECTRONICS (SUZHOU) CO., LTD.



SIGNATURE: Dong Ruiyong

POST: Technical Director

DATE: 2025.09.15

Attachment:

Model list					
No.	TYPE	Rating voltage(V)	Rating Power(kW)	Rated Speed(r/min)	Insulation class
1	IMS20B-20M11D17C-4-P94F-A	380	10.7	1700	F
2	IMS20B-20M11D17C-4-P9F-A	380	10.7	1700	F
3	IMS20B-20M11D17C-4-R7F-A	380	10.7	1700	F
4	IMS20B-20M12D20C-4-P94F-A	380	12.2	2000	F
5	IMS20B-20M12D20C-4-P9F-A	380	12.2	2000	F
6	IMS20B-20M12D20C-4-R7F-A	380	12.2	2000	F
7	IMS20B-20M13D15C-4-P94F-A	380	12.6	1500	F
8	IMS20B-20M13D15C-4-P9F-A	380	12.6	1500	F
9	IMS20B-20M13D15C-4-R7F-A	380	12.6	1500	F
10	IMS20B-20M14D17C-4-P94F-A	380	14.2	1700	F
11	IMS20B-20M14D17C-4-P9F-A	380	14.2	1700	F
12	IMS20B-20M14D17C-4-R7F-A	380	14.2	1700	F
13	IMS20B-20M16D15C-4-P94F-A	380	15.7	1500	F
14	IMS20B-20M16D15C-4-P9F-A	380	15.7	1500	F
15	IMS20B-20M16D15C-4-R7F-A	380	15.7	1500	F
16	IMS20B-20M17D20C-4-P94F-A	380	16.8	2000	F
17	IMS20B-20M17D20C-4-P9F-A	380	16.8	2000	F
18	IMS20B-20M17D20C-4-R7F-A	380	16.8	2000	F
19	IMS20B-20M18D17C-4-P94F-A	380	17.8	1700	F
20	IMS20B-20M18D17C-4-P9F-A	380	17.8	1700	F
21	IMS20B-20M18D17C-4-R7F-A	380	17.8	1700	F
22	IMS20B-20M19D15C-4-P94F-A	380	18.9	1500	F
23	IMS20B-20M19D15C-4-P9F-A	380	18.9	1500	F
24	IMS20B-20M19D15C-4-R7F-A	380	18.9	1500	F
25	IMS20B-20M20D20C-4-P94F-A	380	20	2000	F
26	IMS20B-20M20D20C-4-P9F-A	380	20	2000	F
27	IMS20B-20M20D20C-4-R7F-A	380	20	2000	F
28	IMS20B-20M21D17C-4-P94F-A	380	21.4	1700	F
29	IMS20B-20M21D17C-4-P9F-A	380	21.4	1700	F
30	IMS20B-20M21D17C-4-R7F-A	380	21.4	1700	F
31	IMS20B-20M22D15C-4-P94F-A	380	22	1500	F
32	IMS20B-20M22D15C-4-P9F-A	380	22	1500	F
33	IMS20B-20M22D15C-4-R7F-A	380	22	1500	F
34	IMS20B-20M24D20C-4-P94F-A	380	24.1	2000	F
35	IMS20B-20M24D20C-4-P9F-A	380	24.1	2000	F
36	IMS20B-20M24D20C-4-R7F-A	380	24.1	2000	F
37	IMS20B-20M25D15C-4-P9F-A	380	25.2	1500	F
38	IMS20B-20M25D15C-4-R7F-A	380	25.2	1500	F
39	IMS20B-20M25D17C-4-P94F-A	380	24.9	1700	F
40	IMS20B-20M25D17C-4-P9F-A	380	24.9	1700	F
41	IMS20B-20M25D17C-4-R7F-A	380	24.9	1700	F
42	IMS20B-20M27D20C-4-P94F-A	380	27.4	2000	F
43	IMS20B-20M27D20C-4-P9F-A	380	27.4	2000	F
44	IMS20B-20M27D20C-4-R7F-A	380	27.4	2000	F

45	IMS20B-20M28D15C-4-P9F-A	380	28.3	1500	F
46	IMS20B-20M28D15C-4-R7F-A	380	28.3	1500	F
47	IMS20B-20M29D17C-4-P9F-A	380	28.5	1700	F
48	IMS20B-20M29D17C-4-R7F-A	380	28.5	1700	F
49	IMS20B-20M31D15C-4-P9F-A	380	32	1500	F
50	IMS20B-20M31D15C-4-R7F-A	380	32	1500	F
51	IMS20B-20M32D17C-4-P9F-A	380	32	1700	F
52	IMS20B-20M32D17C-4-R7F-A	380	32.1	1700	F
53	IMS20B-20M32D20C-4-P9F-A	380	31.6	2000	F
54	IMS20B-20M32D20C-4-R7F-A	380	31.6	2000	F
55	IMS20B-20M36D17C-4-P9F-A	380	35.6	1700	F
56	IMS20B-20M36D17C-4-R7F-A	380	35.6	1700	F
57	IMS20B-20M36D20C-4-P9F-A	380	35.6	2000	F
58	IMS20B-20M36D20C-4-R7F-A	380	35.6	2000	F
59	IMS20B-20M40D20C-4-P9F-A	380	40	2000	F
60	IMS20B-20M40D20C-4-R7F-A	380	40	2000	F
61	IMS20B-20M63C15C-4-P94F-A	380	6.3	1500	F
62	IMS20B-20M63C15C-4-P9F-A	380	6.3	1500	F
63	IMS20B-20M63C15C-4-R7F-A	380	6.3	1500	F
64	IMS20B-20M71C17C-4-P94F-A	380	7.1	1700	F
65	IMS20B-20M71C17C-4-P9F-A	380	7.1	1700	F
66	IMS20B-20M71C17C-4-R7F-A	380	7.1	1700	F
67	IMS20B-20M80C20C-4-P94F-A	380	8	2000	F
68	IMS20B-20M80C20C-4-P9F-A	380	8	2000	F
69	IMS20B-20M80C20C-4-R7F-A	380	8	2000	F
70	IMS20B-20M94C15C-4-P94F-A	380	9.4	1500	F
71	IMS20B-20M94C15C-4-P9F-A	380	9.4	1500	F
72	IMS20B-20M94C15C-4-R7F-A	380	9.4	1500	F
IMS20B-20M36D20C-4- ***		-the first “*” represent the type of encoder; -the second “*” represent the type of the brake oil seal; -the third “*” represent type of cooling;			