

INOVANCE

Motion Control IPMT PAPERS

Motion Control IPMT [2025] 9

【Secret Level: **External Public**】

Notice on MS1-R-INT Version Motor Replace MS1-Z-INT Version Motor

Dear customers and partners:

Thankful for your trust and support in INOVANCE motion control products!

In order to meet the application requirements of servo motor products in various industries, and achieve high competitiveness of customer equipment, the MS1-Z-INT version motor products will be phased out and switch to the upgraded MS1-R version motor products. The optimized MS1-R-INT motor has necessary certificates CE/UL/EAC to conform to the regulations of different countries or regions.

I . Time line plan

1. Effective time: immediately replace.
2. MS1-Z-INT version motor phase out time: until 31st.Dec.2025, new order will no longer be accepted after this date.
3. MS1-Z-INT version motor production stop time: until 30th.June.2026.
4. MS1-Z-INT version motor service stop time: until 31st.Dec.2027, no further services related to this product will be provided after this date, after this time MS1-R-INT as substitute product to continue service.

Customers are advised to gradually switch products in an orderly manner before MS1-Z-INT is phased out.

II. Replacement introduction

1. Relationship of MS1-R-INT Version Motor replace MS1-Z-INT Version Motor (Power range: 0.05kW to 7.5kW, Frame size: 40mm to 180mm)

1.1 FS: 40mm/60mm/80mm motors

Power (kW)	FS (mm)	Phase out: MS1-Z-INT Version		Go market: MS1-R-INT Version	
		Material code	Motor model	Material code	Motor model
0.05	40	01111530	MS1H1- 05B30CB- A330Z-INT	01119483	MS1H1- 05B30CB- A330R-INT
0.05	40	01111531	MS1H1- 05B30CB- A332Z-INT	01119482	MS1H1- 05B30CB- A332R-INT
0.1	40	01111532	MS1H1- 10B30CB- A330Z-INT	01119485	MS1H1- 10B30CB- A330R-INT
0.1	40	01111533	MS1H1-	01119484	MS1H1-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
			10B30CB- A332Z-INT		10B30CB- A332R-INT
0.2	60	01111534	MS1H1- 20B30CB- A331Z-INT	01117877	MS1H4- 20B30CB- A331R-INT
0.2	60	01111535	MS1H1- 20B30CB- A334Z-INT	01117875	MS1H4- 20B30CB- A334R-INT
0.4	60	01111536	MS1H1- 40B30CB- A331Z-INT	01117873	MS1H4- 40B30CB- A331R-INT
0.4	60	01111537	MS1H1- 40B30CB- A334Z-INT	01117874	MS1H4- 40B30CB- A334R-INT
0.55	80	01111538	MS1H1- 55B30CB- A331Z-INT	01117878	MS1H4- 55B30CB- A331R-INT

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
0.75	80	01111539	MS1H1- 75B30CB- A331Z-INT	01117880	MS1H4- 75B30CB- A331R-INT
0.75	80	01111540	MS1H1- 75B30CB- A334Z-INT	01117879	MS1H4- 75B30CB- A334R-INT
1	80	01111541	MS1H1- 10C30CB- A331Z-INT	01117876	MS1H4- 10C30CB- A331R-INT
0.05	40	01117871	MS1H4- 10B30CB- A330Z-INT	01119489	MS1H4- 10B30CB- A330R-INT
0.05	40	01117872	MS1H4- 10B30CB- A332Z-INT	01119488	MS1H4- 10B30CB- A332R-INT
0.4	60	01111542	MS1H4- 40B30CB-	01117873	MS1H4- 40B30CB-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
			A331Z-INT		A331R-INT
0.4	60	01111543	MS1H4- 40B30CB- A334Z-INT	01117874	MS1H4- 40B30CB- A334R-INT
0.75	80	01111544	MS1H4- 75B30CB- A331Z-INT	01117880	MS1H4- 75B30CB- A331R-INT
0.75	80	01111545	MS1H4- 75B30CB- A334Z-INT	01117879	MS1H4- 75B30CB- A334R-INT

1.2 FS: 100mm/130mm/180mm motors

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
1	100	0111299 2	MS1H2- 10C30CB-	0111791 2	MS1H2- 10C30CB-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
			A331Z-INT		A331R-INT
1	100	0111300 3	MS1H2- 10C30CB- A334Z-INT	0111791 4	MS1H2- 10C30CB- A334R-INT
1	100	0111298 3	MS1H2- 10C30CD- A331Z-INT	0111791 3	MS1H2- 10C30CD- A331R-INT
1	100	0111299 6	MS1H2- 10C30CD- A334Z-INT	0111791 5	MS1H2- 10C30CD- A334R-INT
1.5	100	0111296 6	MS1H2- 15C30CB- A331Z-INT	0111791 6	MS1H2- 15C30CB- A331R-INT
1.5	100	0111297 2	MS1H2- 15C30CB- A334Z-INT	0111791 8	MS1H2- 15C30CB- A334R-INT
1.5	100	0111296	MS1H2-	0111791	MS1H2-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
		2	15C30CD- A331Z-INT	7	15C30CD- A331R-INT
1.5	100	0111297 9	MS1H2- 15C30CD- A334Z-INT	0111791 9	MS1H2- 15C30CD- A334R-INT
2	100	0111299 0	MS1H2- 20C30CD- A331Z-INT	0111792 1	MS1H2- 20C30CD- A331R-INT
2	100	0111296 1	MS1H2- 20C30CD- A334Z-S4- INT	0111792 3	MS1H2- 20C30CD- A334R-INT
2.5	100	0111298 5	MS1H2- 25C30CD- A331Z-INT	0111792 5	MS1H2- 25C30CD- A331R-INT
2.5	100	0111298 1	MS1H2- 25C30CD-	0111792 7	MS1H2- 25C30CD-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
			A334Z-S4- INT		A334R-INT
3	130	0111297 6	MS1H2- 30C30CD- A331Z-INT	0111792 9	MS1H2- 30C30CD- A331R-INT
3	130	0111297 7	MS1H2- 30C30CD- A334Z-S4- INT	0111793 1	MS1H2- 30C30CD- A334R-INT
4	130	0111297 1	MS1H2- 40C30CD- A331Z-INT	0111793 3	MS1H2- 40C30CD- A331R-INT
4	130	0111300 0	MS1H2- 40C30CD- A334Z-S4- INT	0111793 5	MS1H2- 40C30CD- A334R-INT
5	130	0111298	MS1H2-	0111793	MS1H2-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
		7	50C30CD- A331Z-INT	7	50C30CD- A331R-INT
5	130	0111297 3	MS1H2- 50C30CD- A334Z-S4- INT	0111793 9	MS1H2- 50C30CD- A334R-INT
0.85	130	0111156 2	MS1H3- 85B15CB- A331Z-INT	0111799 5	MS1H3- 85B15CB- A331R-INT
0.85	130	0111156 3	MS1H3- 85B15CB- A334Z-INT	0111800 7	MS1H3- 85B15CB- A334R-INT
0.85	130	0111156 4	MS1H3- 85B15CD- A331Z-INT	0111799 6	MS1H3- 85B15CD- A331R-INT
0.85	130	0111156 5	MS1H3- 85B15CD-	0111800 8	MS1H3- 85B15CD-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
			A334Z-INT		A334R-INT
1.3	130	0111156 6	MS1H3- 13C15CB- A331Z-INT	0111799 7	MS1H3- 13C15CB- A331R-INT
1.3	130	0111156 7	MS1H3- 13C15CB- A334Z-INT	0111800 9	MS1H3- 13C15CB- A334R-INT
1.3	130	0111156 8	MS1H3- 13C15CD- A331Z-INT	0111799 8	MS1H3- 13C15CD- A331R-INT
1.3	130	0111156 9	MS1H3- 13C15CD- A334Z-INT	0111801 0	MS1H3- 13C15CD- A334R-INT
1.8	130	0111157 1	MS1H3- 18C15CD- A331Z-INT	0111800 0	MS1H3- 18C15CD- A331R-INT
1.8	130	0111157	MS1H3-	0111801	MS1H3-

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
		0	18C15CD- A334Z-INT	2	18C15CD- A334R-INT
2.9	180	0111299 1	MS1H3- 29C15CD- A331Z-INT	0111800 2	MS1H3- 29C15CD- A331R-INT
2.9	180	0111298 4	MS1H3- 29C15CD- A334Z-INT	0111801 4	MS1H3- 29C15CD- A334R-INT
4.4	180	0111300 2	MS1H3- 44C15CD- A331Z-INT	0111800 4	MS1H3- 44C15CD- A331R-INT
4.4	180	0111299 7	MS1H3- 44C15CD- A334Z-INT	0111801 6	MS1H3- 44C15CD- A334R-INT
5.5	180	0111296 8	MS1H3- 55C15CD- A331Z-INT	0111800 5	MS1H3- 55C15CD- A331R-INT

Power (kW)	FS (mm)	Phase out: MS1-Z-INT		Go market: MS1-R-INT	
		Version		Version	
		Material code	Motor model	Material code	Motor model
5.5	180	0111298 9	MS1H3- 55C15CD- A334Z-INT	0111801 7	MS1H3- 55C15CD- A334R-INT
7.5	180	0111298 2	MS1H3- 75C15CD- A331Z-INT	0111800 6	MS1H3- 75C15CD- A331R-INT
7.5	180	0111299 9	MS1H3- 75C15CD- A334Z-INT	0111801 8	MS1H3- 75C15CD- A334R-INT

2. Replacement description

1.1 There is no impact on SV660***INT servo drive. SV660***INT servo drive can automatically match with MS1-R-INT version motor and MS1-Z-INT version motor.

1.2 Only the matching drive rules for two power types of motors have been changed as follows.

Model number	SV660***INT		SV660***INT	Model number
MS1H2-10C30CD-A33*Z-INT	T5R4	Change to →	T3R5	MS1H2-10C30CD-A33*R-INT
MS1H2-50C30CD-A33*Z-INT	T017		T021	MS1H2-50C30CD-A33*R-INT

1.3 The installation dimensions, such as flange size, shaft end length, shaft end diameter, key type, etc., are the same between MS1-R-INT and MS1-Z-INT motors. The length of MS1-R-INT version motors is shorter than that of MS1-Z-INT version for all models, so there is no mechanical interference issue during installation.

1.4 There is no difference in the power and encoder cables connecting to the SV660 drive between the MS1-R-INT and MS1-Z-INT motors. To enhance the overall performance of the servo system, INOVANCE has released the S6-L-***-INT series power and encoder cables for customer selection, including two types: fixed cables and flexible cables for different applications. Power cable and encoder cable are made of oil-resistant type cable, and with shielded. Examples of the cables are shown below.

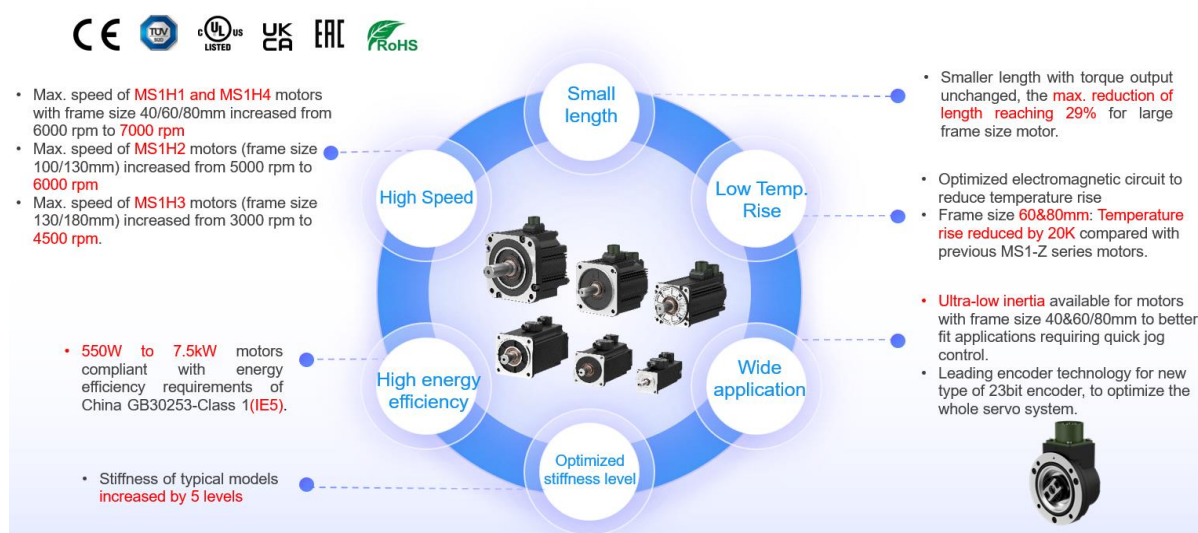
Motor type	Power connection cable	Encoder connection cable
FS:40mm/60mm/80mm		

Motor type	Power connection cable	Encoder connection cable
FS:100mm/130mm/180mm		

1.5 There is no difference in accessories between the MS1-R-INT and MS1-Z-INT products. E.G. shaft end keys and eyebolts remain unchanged.

III. MS1-R-INT Motor Introduction

1. MS1-R-INT version motor performance upgrade introduction



2. MS1-R-INT version motor model description

MS1 H1- 75B 30C B - A3 3 1 R - * - INT

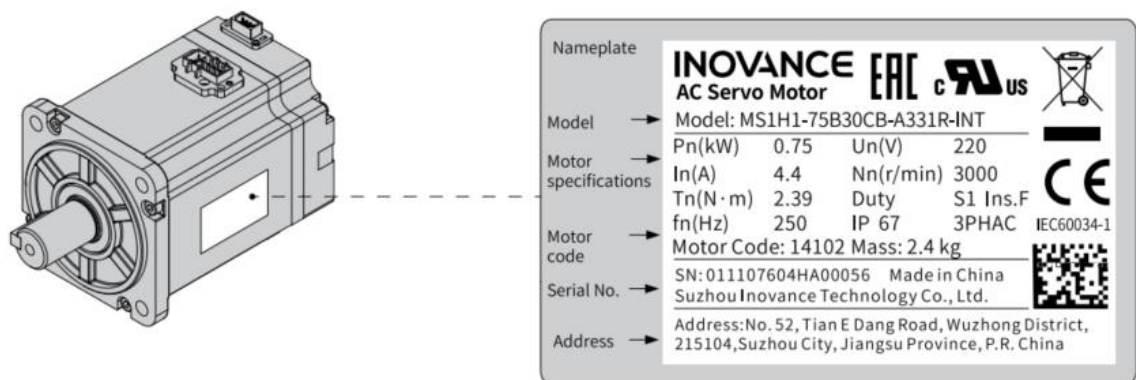
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
① MS1 series servo motor	④ Rated speed (rpm) Comprised of a letter and two digits B: x 10 C: x 100 Example: 30C: 3000 rpm				⑦ Shaft connection mode 3: Solid and keyed, with threaded hole in the shaft center				⑧ Brake, reducer, oil seal ^[1] 0: Without oil seal or brake 1: With oil seal, without brake 2: Without oil seal, with brake 4: With oil seal and brake	
② Inertia and capacity type H1: Low inertia, small capacity H2: Low inertia, medium capacity H3: Medium inertia, medium capacity H4: Medium inertia, small capacity	⑤ Voltage calss (V) B: 220 D: 380				⑨ Sub-series No. R: R series				⑩ Customization information _: Standard type -S: Flying leads type -**: Other customized types	
③ Rated power (W) Comprised of a letter and two digits B: x 10 C: x 100 Example: 75B: 750 W	⑥ Encoder type Comprised of a letter and a digit A6: 26-bit multi-turn absolute encoder S6: Functional safety-type 26-bit multi-turn absolute encoder A3: 23-bit multi-turn absolute encoder				⑪ Model type INT: International					

[1]: Flange size 40mm with H1 type motors are not equipped with an oil seal.

Note: Identical definition process as MS1-R-INT and MS1-Z-INT.

3. Nameplate and Packaging label description of MS1-R-INT motor

Nameplate:



Note: All motors nameplate with CE/UL/EAC logo, and safety Instructions paper file also in packaging box for users to get.

Packaging label:



Note: All motor packaging boxes bear the CE logo on their labels, and the CE certification document is also included in the packaging box to facilitate customs inspection.

4. Appearance

There is no difference in motor body color between the MS1-R-INT and MS1-Z-INT versions; both are black (RAL9005).

MS1-R-INT version motor



MS1-Z-INT version motor



IV. Price policy

MS1-R-INT version motor will keep the same price level as MS1-Z-INT until the deadline of 31st Dec.2025.

V. Documentations and certifications

MS1-R-INT version motor relevant files:

1. 《MS1-R-INT Series Servo motor Brochure》
2. 《MS1-R-INT Series Servo motor Selection Guide》
3. 《MS1-R-INT Series Servo motor Installation Manual》
4. 2D.PDF file and 3D.STEP file are available for download on the INOVANCE website via motor material code search
5. CE/UL/EAC certification file

Above files can download from INOVANCE website:

<https://www.inovance.com/global>.

VI. Contact information

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DATE:2025-May-07

TO: Overseas Business Group, Overseas Service Department, General
Automation Business Group.

CC: Overseas SDT,Motion Control IPMT.

INOVANCE Motion Control IPMT

PRINT DATE 2025-May-07

Appendix : MS1-R-INT with 23 bit encoder (Code: A3) motor models

1. FS:40mm/60mm/80mm motors

Material code	Model number	Power kW	FS mm	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
01119483	MS1H1-05B30CB-A330R-INT	0.05	40	Ultra-low	NO	NO	3000	7000	S1
01119485	MS1H1-10B30CB-A330R-INT	0.1	40	Ultra-low	NO	NO	3000	7000	S1
01117851	MS1H1-20B30CB-A331R-INT	0.2	60	Ultra-low	NO	YES	3000	7000	S1
01117852	MS1H1-40B30CB-A331R-INT	0.4	60	Ultra-low	NO	YES	3000	7000	S1
01117853	MS1H1-55B30CB-A331R-INT	0.55	80	Ultra-low	NO	YES	3000	7000	S1
01117855	MS1H1-75B30CB-A331R-	0.75	80	Ultra-low	NO	YES	3000	7000	S1

Material code	Model number	Power kW	FS mm	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
	INT								
01117854	MS1H1-10C30CB-A331R-INT	1	80	Ultra-low	NO	YES	3000	7000	S1
01119487	MS1H4-05B30CB-A330R-INT	0.05	40	Low	NO	NO	3000	7000	S1
01119480	MS1H4-05B30CB-A331R-INT	0.1	40	Low	NO	YES	3000	7000	S1
01119489	MS1H4-10B30CB-A330R-INT	0.05	40	Low	NO	NO	3000	7000	S1
01119481	MS1H4-10B30CB-A331R-INT	0.1	40	Low	NO	YES	3000	7000	S1
01117877	MS1H4-20B30CB-A331R-INT	0.2	60	Medium	NO	YES	3000	7000	S1
01117873	MS1H4-40B30CB-A331R-INT	0.4	60	Medium	NO	YES	3000	7000	S1
01117878	MS1H4-55B30CB-A331R-INT	0.55	80	Medium	NO	YES	3000	7000	S1
01117880	MS1H4-75B30CB-A331R-INT	0.75	80	Medium	NO	YES	3000	7000	S1
01117876	MS1H4-	1	80	Medium	NO	YES	3000	7000	S1

Material code	Model number	Power kW	FS mm	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
	10C30CB-A331R-INT								
01119482	MS1H1-05B30CB-A332R-INT	0.05	40	Ultra-low	YES	NO	3000	7000	S1
01119484	MS1H1-10B30CB-A332R-INT	0.1	40	Ultra-low	YES	NO	3000	7000	S1
01117856	MS1H1-20B30CB-A334R-INT	0.2	60	Ultra-low	YES	YES	3000	7000	S1
01117857	MS1H1-40B30CB-A334R-INT	0.4	60	Ultra-low	YES	YES	3000	7000	S1
01117859	MS1H1-75B30CB-A334R-INT	0.75	80	Ultra-low	YES	YES	3000	7000	S1
01117858	MS1H1-10C30CB-A334R-INT	1	80	Ultra-low	YES	YES	3000	7000	S1
01119486	MS1H4-05B30CB-A332R-INT	0.05	40	Medium	YES	NO	3000	7000	S1
01119479	MS1H4-05B30CB-A334R-INT	0.05	40	Medium	YES	YES	3000	7000	S1
01119488	MS1H4-10B30CB-A332R-	0.1	40	Medium	YES	NO	3000	7000	S1

Material code	Model number	Power kW	FS mm	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
	INT								
01119463	MS1H4-10B30CB-A334R-INT	0.1	40	Medium	YES	YES	3000	7000	S1
01117875	MS1H4-20B30CB-A334R-INT	0.2	60	Medium	YES	YES	3000	7000	S1
01117874	MS1H4-40B30CB-A334R-INT	0.4	60	Medium	YES	YES	3000	7000	S1
01117879	MS1H4-75B30CB-A334R-INT	0.75	80	Medium	YES	YES	3000	7000	S1
01117881	MS1H4-10C30CB-A334R-INT	1	80	Medium	YES	YES	3000	7000	S1

Note: The MS1-R-INT version with H4 type is the mainstream product, suitable for most applications. MS1H1 is an ultra-low inertia motor designed for rapid positioning, E.G. semiconductor and mobile phone industries. With slightly superior performance, it is priced higher than MS1H4. Please select the suitable motor type based on actual working conditions of inertia ratio.

2. FS: 100mm/130mm/180mm motors:

Material code	Model number	Power kW	FS mm	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
01117912	MS1H2-10C30CB-	1	100	Low	NO	YES	3000	6000	S1

Material code	Model number	Power kW	FS m m	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
	A331R-INT								
01117916	MS1H2-15C30CB-A331R-INT	1.5	100	Low	NO	YES	3000	6000	S1
01117920	MS1H2-20C30CB-A331R-INT	2	100	Low	NO	YES	3000	6000	S1
01117913	MS1H2-10C30CD-A331R-INT	1	100	Low	NO	YES	3000	6000	S1
01117917	MS1H2-15C30CD-A331R-INT	1.5	100	Low	NO	YES	3000	6000	S1
01117921	MS1H2-20C30CD-A331R-INT	2	100	Low	NO	YES	3000	6000	S1
01117925	MS1H2-25C30CD-A331R-INT	2.5	100	Low	NO	YES	3000	6000	S1
01117914	MS1H2-10C30CB-A334R-INT	1	100	Low	YES	YES	3000	6000	S1
01117918	MS1H2-15C30CB-A334R-INT	1.5	100	Low	YES	YES	3000	6000	S1
01117922	MS1H2-20C30CB-A334R-INT	2	100	Low	YES	YES	3000	6000	S1
01117915	MS1H2-10C30CD-A334R-INT	1	100	Low	YES	YES	3000	6000	S1
01117919	MS1H2-15C30CD-A334R-INT	1.5	100	Low	YES	YES	3000	6000	S1
01117923	MS1H2-20C30CD-	2	100	Low	YES	YES	3000	6000	S1

Material code	Model number	Power kW	FS m m	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
	A334R-INT								
01117927	MS1H2-25C30CD-A334R-INT	2.5	100	Low	YES	YES	3000	6000	S1
01117929	MS1H2-30C30CD-A331R-INT	3	130	Low	NO	YES	3000	6000	S1
01117933	MS1H2-40C30CD-A331R-INT	4	130	Low	NO	YES	3000	6000	S1
01117937	MS1H2-50C30CD-A331R-INT	5	130	Low	NO	YES	3000	6000	S1
01117931	MS1H2-30C30CD-A334R-INT	3	130	Low	YES	YES	3000	6000	S1
01117935	MS1H2-40C30CD-A334R-INT	4	130	Low	YES	YES	3000	6000	S1
01117939	MS1H2-50C30CD-A334R-INT	5	130	Low	YES	YES	3000	6000	S1
01117995	MS1H3-85B15CB-A331R-INT	0.85	130	Medium	NO	YES	1500	4500	S1
01117996	MS1H3-85B15CD-A331R-INT	0.85	130	Medium	NO	YES	1500	4500	S1
01117997	MS1H3-13C15CB-A331R-INT	1.3	130	Medium	NO	YES	1500	4500	S1
01117998	MS1H3-13C15CD-A331R-INT	1.3	130	Medium	NO	YES	1500	4500	S1
01117999	MS1H3-18C15CB-	1.8	130	Medium	NO	YES	1500	4500	S1

Material code	Model number	Power kW	FS m m	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
	A331R-INT								
01118000	MS1H3-18C15CD-A331R-INT	1.8	130	Medium	NO	YES	1500	4500	S1
01118007	MS1H3-85B15CB-A334R-INT	0.85	130	Medium	YES	YES	1500	4500	S1
01118008	MS1H3-85B15CD-A334R-INT	0.85	130	Medium	YES	YES	1500	4500	S1
01118009	MS1H3-13C15CB-A334R-INT	1.3	130	Medium	YES	YES	1500	4500	S1
01118010	MS1H3-13C15CD-A334R-INT	1.3	130	Medium	YES	YES	1500	4500	S1
01118011	MS1H3-18C15CB-A334R-INT	1.8	130	Medium	YES	YES	1500	4500	S1
01118012	MS1H3-18C15CD-A334R-INT	1.8	130	Medium	YES	YES	1500	4500	S1
01118002	MS1H3-29C15CD-A331R-INT	2.9	180	Medium	NO	YES	1500	4500	S1
01118014	MS1H3-29C15CD-A334R-INT	2.9	180	Medium	YES	YES	1500	4500	S1
01118004	MS1H3-44C15CD-A331R-INT	4.4	180	Medium	NO	YES	1500	4500	S1
01118005	MS1H3-55C15CD-A331R-INT	5.5	180	Medium	NO	YES	1500	4500	S1
01118006	MS1H3-75C15CD-	7.5	180	Medium	NO	YES	1500	4500	S1

Material code	Model number	Power kW	FS m m	Inertial	With Brake or not	With Oil Seal or not	Rated Speed rpm	Max. Speed rpm	Duty cycle
	A331R-INT								
01118016	MS1H3-44C15CD-A334R-INT	4.4	180	Medium	YES	YES	1500	4500	S1
01118017	MS1H3-55C15CD-A334R-INT	5.5	180	Medium	YES	YES	1500	4500	S1
01118018	MS1H3-75C15CD-A334R-INT	7.5	180	Medium	YES	YES	1500	4500	S1