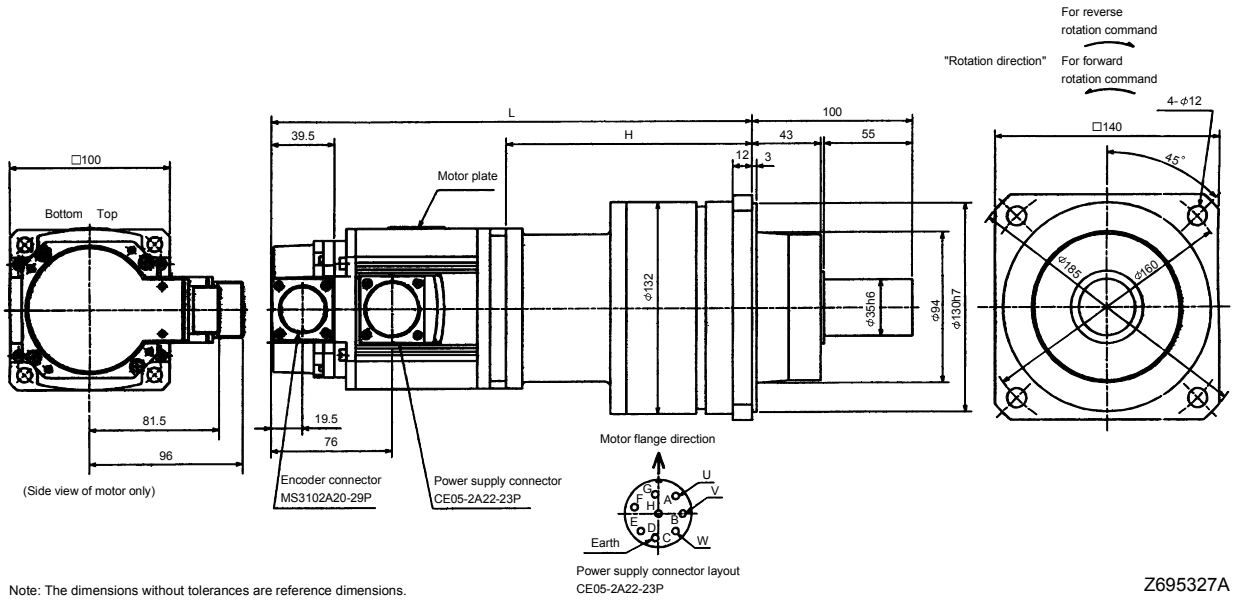
(3) With reduction gear for precision application

The outer frame of the reduction gear is a material surface such as casting. Its actual dimensions may be 1 to 3mm larger than the drawing dimensions. Design the machine side with allowances.

(a) Without electromagnetic brake

Model		Output [kW]	Reduction Gear Model	Reduction Ratio	Inertia Moment J[×10⁻⁴kg・m²]	Variable Dimensions L	Variable Dimensions H	Mass [kg]
HC-RF103G2	HC-RFS103G2	1.0	BL2-05B-10MEKD	1/5	4.95	301	154	11.9
HC-RF103G2	HC-RFS103G2	1.0	BL2-09B-10MEKD	1/9	4.6	313	166	11.9
HC-RF153G2	HC-RFS153G2	1.5	BL2-05B-15MEKD	1/5	5.35	326	154	13
HC-RF203G2	HC-RFS203G2	2.0	BL2-05B-20MEKD	1/5	5.75	351	154	14.2

(Note)[Unit: mm]



Note: The dimensions without tolerances are reference dimensions.

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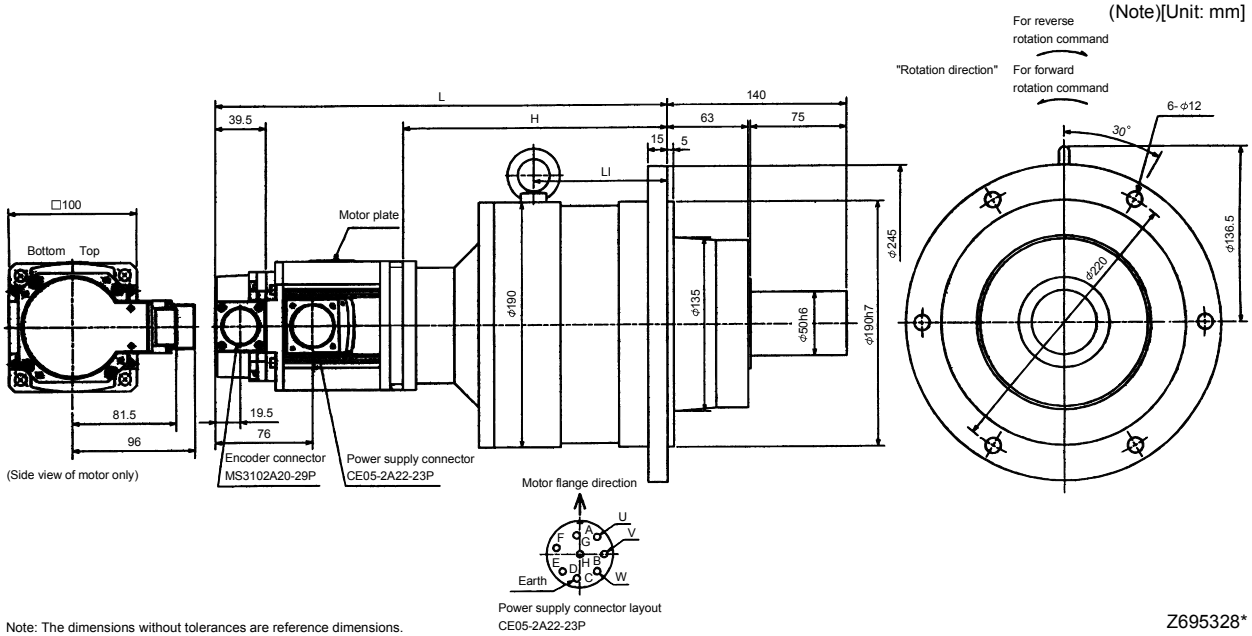
Model		Output [kW]	Reduction Gear Model	Reduction Ratio	Inertia Moment J[×10⁻⁴kg・m²]	Variable Dimensions L	Variable Dimensions H	Variable Dimensions Ll	Mass [kg]
HC-RF103G2	HC-RFS103G2	1.0	BL3-20B-10MEKD	1/20	8.35	354	207	105	28.9
HC-RF103G2	HC-RFS103G2	1.0	BL3-29B-10MEKD	1/29	6.45	354	207	105	28.9
HC-RF103G2	HC-RFS103G2	1.0	BL3-45B-10MEKD	1/45	5.48	364	217	115	28.9
HC-RF153G2	HC-RFS153G2	1.5	BL3-09B-15MEKD	1/9	6.68	375	203	101	30
HC-RF153G2	HC-RFS153G2	1.5	BL3-20B-15MEKD	1/20	8.75	379	207	105	30
HC-RF153G2	HC-RFS153G2	1.5	BL3-29B-15MEKD	1/29	6.85	379	207	105	30
HC-RF203G2	HC-RFS203G2	2.0	BL3-09B-20MEKD	1/9	7.08	400	203	101	31.2
HC-RF203G2	HC-RFS203G2	2.0	BL3-20B-20MEKD	1/20	9.15	404	207	105	31.2

(Note)[Unit: mm]



Note: The dimensions without tolerances are reference dimensions.

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