

Gearmotors General Catalog

HIGH PRECISION REDUCERS FOR SERVO MOTORS

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Motor Matching / Motor Power Design List

Motor Matching / Motor Power Design List

Motor Matching /
Motor Power Design List

APG/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

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APG Type

[Notes]

- The tables show below representative examples as of March 2024. The specifications of servo motors are subject to change. When placing an order, be sure to check the dimensions of the servo motor flange you are going to use and the dimensions of the area in which our reducer for servo motor will be installed.
- The tables show below servo motors of standard specifications. For servo motors using an oil seal or other options, be sure to check whether they can be provided with a reducer by reference to the Detailed Dimensions of Input Shaft and Flange Shapes on pages 828 to 830.
- The maximum input speed is 6000 r/min. However, we recommend it at 3000 r/min or below in general operation.
- If you supply a servo motor that needs to be installed to the reducer, we will ship the assembled reducer with the servo motor. Be sure to supply a servo motor without a key for the output shaft. In addition, the reducer will be installed so that the servo motor lead wires will be drawn out from the upper side as a standard specification.
- For more details, please contact your nearest Sales Office or the CS Center.
- If the rated speed of the servo motor is below 3000 r/min, be careful with the continuous rated torque of the servo motor. Select a reducer whose continuous rated input torque is higher than the continuous rated torque of the servo motor. Please refer to page 871 for the continuous rated input torques of reducers.

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type | |
|------------------------------|------------------------------------------------|--------------------------------------------------------------|--------------------------|----------------|-------|
| 100 | ABB | BSM | 3000 | 100S1 | |
| | | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 100S1 | |
| | OMRON Corporation | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 100S1 | |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 100S1 | |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 100S1 | |
| | | SV Series | 3000 | 100S1 | |
| | KEYENCE Corporation | SV2 Series | 3000 | 100S1 | |
| | | R2AA04 (R Series/R2/□40/200 VAC) | 3000 | 100S1 | |
| | Sanyo Denki Co., Ltd. | R1AA04 (R Series/R1/□40/200 VAC) | 3000 | 100S1 | |
| | | R1EA04 (R Series/R1/□40/100 VAC) | 3000 | 100S1 | |
| | | GAM1E4 (G Series/G1/□40/100V AC) | 3000 | 100S1 | |
| | | GAM1A4 (G Series/G1/□40/200V AC) | 3000 | 100S1 | |
| | | GAM2E4 (G Series/G2/□40/100V AC) | 3000 | 100S1 | |
| | | GAM2A4 (G Series/G2/□40/200V AC) | 3000 | 100S1 | |
| | | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 100S1 |
| | | Tamagawa Seiki Co., Ltd. | TS4613, TSM3303, TSM4303 | 3000 | 100S1 |
| | Delta Electronics, Inc. | ECMA-C*04(□40) | 3000 | 100S1 | |
| | | ECM-A3L-C*040(□40) | 3000 | 100S1 | |
| | | ECM-A3H-C*040(□40) | 3000 | 100S1 | |
| | | ECM-B3L-C*040(□40) | 3000 | 100S1 | |
| | Panasonic Corporation | MHMF (MINAS A6 Series) | 3000 | 100S1 | |
| | | MSMF (MINAS A6 Series) | 3000 | 100S3 (Note 1) | |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 100S1 | |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 100S1 | |
| | | GYS (ALPHA7 Series) | 3000 | 100S1 | |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 100S1 | |
| | | HG-MR (J4 Series) | 3000 | 100S1 | |
| | | HF-KN (JN Series) | 3000 | 100S1 | |
| | | HK-KT_W (□40) (J5 Series) | 3000 | 100S1 | |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 100S1 | |
| HK-MT_VW (□40) (J5 Series) | | 3000 | 100S1 | | |
| HK-MT_W (□40) (J5 Series) | | 3000 | 100S1 | | |
| SGMAV (Σ-V Series) | | 3000 | 100S1 | | |
| SGMJV (Σ-V Series) | | 3000 | 100S1 | | |
| SGM7J (Σ-7 Series) | | 3000 | 100S1 | | |
| YASKAWA Electric Corporation | SGM7A (Σ-7 Series) | 3000 | 100S1 | | |
| | SGMXJ (Σ-X Series) | 3000 | 100S1 | | |
| | SGMXA (Σ-X Series) | 3000 | 100S1 | | |
| | TLP-A046-010 | 3000 | 100S1 | | |

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | FlangeType |
|-----------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------|------------|
| 200 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 200S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 200S3 |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 200S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 200S3 |
| | KEYENCE Corporation | SV Series | 3000 | 200S2 |
| | | SV2 Series | 3000 | 200S2 |
| | Kinco | SMC (G2 Series) | 3000 | 200S2 |
| | | SMC (G1 Series) | 3000 | 200S2 |
| | Sanyo Denki Co., Ltd. | R2EA06 (R Series/R2/□60/100 VAC) | 3000 | 200S2 |
| | | R2AA06 (R Series/R2/□60/200 VAC) | 3000 | 200S2 |
| | | R5AA06 (R Series/R5/□60/200 VAC) | 3000 | 200S2 |
| | | R2GA06 (R Series/R2/□60/48 VDC) | 3000 | 200S2 |
| | | R1AA06 (R Series/R1/□60/200 VAC) | 3000 | 200S2 |
| | | R1EA06 (R Series/R1/□60/100 VAC) | 3000 | 200S2 |
| | | GAM1E6 (G Series/G1/□60/100V AC) | 3000 | 200S2 |
| | | GAM1A6 (G Series/G1/□60/200V AC) | 3000 | 200S2 |
| | | GAM2E6 (G Series/G2/□60/100V AC) | 3000 | 200S2 |
| | | GAM2A6 (G Series/G2/□60/200V AC) | 3000 | 200S2 |
| | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 200S2 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 200S2 |
| | Tamagawa Seiki Co., Ltd. | TS4607, TSM3202, TSM4202 | 3000 | 200S2 |
| | | TS4613, TSM3303, TSM4303 | 3000 | 200S2 |
| | Delta Electronics, Inc. | ECMA-C*06(□60) | 3000 | 200S2 |
| | | ECM-A3L-C*060(□60) | 3000 | 200S2 |
| | | ECM-A3H-C*060(□60) | 3000 | 200S2 |
| | | ECM-B3M-C*060(□60) | 3000 | 200S2 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 200S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 200S3 |
| | | MSMF (MINAS A6 Series) | 3000 | 200S3 |
| | | MHMF (MINAS A6 Series) | 3000 | 200S3 |
| | | MUMA021P1 (100 V) (MINAS E Series) | 3000 | 200S3 |
| | | MUMA022P1 (200 V) (MINAS E Series) | 3000 | 200S3 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 200S2 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 200S2 |
| | | GYS (ALPHA7 Series) | 3000 | 200S2 |
| | | GYB (ALPHA7 Series) | 3000 | 200S2 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 200S2 |
| | | HG-MR (J4 Series) | 3000 | 200S2 |
| | | HF-KN (JN Series) | 3000 | 200S2 |
| | | HK-KT_W (□60) (J5 Series) | 3000 | 200S2 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 200S2 |
| | | HK-KT_4_W (□60) (J5 Series) | 1500 | 400S1 |
| | | HK-KT_4_W (□60) (J5 Series) (200 V amplifier) | 1500 | 400S1 |
| | | HK-MT_VW (□60) (J5 Series) | 3000 | 200S2 |
| | | HK-MT_W (□60) (J5 Series) | 3000 | 200S2 |
| | | YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 |
| | SGMJV (Σ-V Series) | | 3000 | 200S2 |
| SGM7J (Σ-7 Series) | 3000 | | 200S2 | |
| SGM7A (Σ-7 Series) | 3000 | | 200S2 | |
| SGMXJ (Σ-X Series) | 3000 | | 200S2 | |
| SGMXA (Σ-X Series) | 3000 | | 200S2 | |
| Allen Bradley/Rockwell Automation | TLP-A070-020 | 3000 | 200S2 | |
| 375 | Mitsubishi Electric Corporation | HK-KT_4_W (□80) (J5 Series) (200 V amplifier) | 1500 | 750S2 |

Motor Matching /
Motor Power Design List

APC/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

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Motor Matching /
Motor Power Design List

APG/AG3 Type
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Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------|-------------|
| 400 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 400S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 400S3 |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 400S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 400S3 |
| | KEYENCE Corporation | SV Series | 3000 | 400S1 |
| | | SV2 Series | 3000 | 400S1 |
| | Kinco | SMC (G2 Series) | 3000 | 400S1 |
| | | SMC (G1 Series) | 3000 | 400S1 |
| | Sanyo Denki Co., Ltd. | R2AA06 (R Series/R2/□60/200 VAC) | 3000 | 400S1 |
| | | R5AA06 (R Series/R5/□60/200 VAC) | 3000 | 400S1 |
| | | R1AA06 (R Series/R1/□60/200 VAC) | 3000 | 400S1 |
| | | GAM1A6 (G Series/G1/□60/200V AC) | 3000 | 400S1 |
| | | GAM2A6 (G Series/G2/□60/200V AC) | 3000 | 400S1 |
| | | KSV-B3 | 3000 | 400S1 |
| | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 400S1 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 400S1 |
| | Tamagawa Seiki Co., Ltd. | TS4609, TSM3204, TSM4204 | 3000 | 400S1 |
| | | TS4613, TSM3303, TSM4303 | 3000 | 400S1 |
| | Delta Electronics, Inc. | ECMA-C*06(□60) | 3000 | 400S1 |
| | | ECMA-C-H | 3000 | 400S1 |
| | | ECM-A3L-C*060(□60) | 3000 | 400S1 |
| | | ECM-A3H-C*060(□60) | 3000 | 400S1 |
| | | ECM-B3M-C*060(□60) | 3000 | 400S1 |
| | | | | 3000 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 400S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 400S3 |
| | | MSMF (MINAS A6 Series) | 3000 | 400S3 |
| | | MHMF (MINAS A6 Series) | 3000 | 400S3 |
| | | MUMMA042P1 (200 V) (MINAS E Series) | 3000 | 400S3 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 400S1 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 400S1 |
| | | GYS (ALPHA7 Series) | 3000 | 400S1 |
| | | GYB (ALPHA7 Series) | 3000 | 400S1 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 400S1 |
| | | HG-MR (J4 Series) | 3000 | 400S1 |
| | | HF-KN (JN Series) | 3000 | 400S1 |
| | | HK-KT_W (□60) (J5 Series) | 3000 | 400S1 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 400S1 |
| | | HK-KT_4_W (□60) (J5 Series) | 3000 | 400S1 |
| | | HK-MT_VW (□60) (J5 Series) | 3000 | 400S1 |
| HK-MT_W (□60) (J5 Series) | | 3000 | 400S1 | |
| | | | 3000 | 400S1 |
| YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 400S1 | |
| | SGMJV (Σ-V Series) | 3000 | 400S1 | |
| | SGMJ7 (Σ-7 Series) | 3000 | 400S1 | |
| | SGM7A (Σ-7 Series) | 3000 | 400S1 | |
| | SGMXP (Σ-X Series) | 3000 | 400F1 | |
| Allen Bradley/Rockwell Automation | TLP-A070-040 | 3000 | 400S1 | |
| | TLP-B070-040 | 3000 | 400S1 | |
| 500 | Mitsubishi Electric Corporation | HG-SR 1000 r/min (J4 Series) | 1000 | 1500K33 |
| | FANUC Corporation | βiS 1/6000-B | 6000 | 400S1 |
| 550 | FANUC Corporation | βiS 1/6000HV-B | 6000 | 400S1 |
| | | βiS 1.5/6000-B | 6000 | 400S1 |
| | | βiS 1.5/6000HV-B | 6000 | 400S1 |

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | FlangeType |
|-----------------|-----------------------------------|--------------------------------------------------------------|---------------------|------------|
| 600 | OMRON Corporation | 1S Series R88M-1M (2000 r/min, 400 VAC) | 2000 | 1000K21 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 750S2 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 750S2 |
| | Tamagawa Seiki Co.,Ltd. | TS4613, TSM3303, TSM4303 | 3000 | 750S2 |
| | Delta Electronics, Inc. | ECMA-G | 1000 | 2000K32 |
| | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | 1000 | 2000K33 |
| 750 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 750S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 750S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 750S3 |
| | | SV Series | 3000 | 750S2 |
| | KEYENCE Corporation | SV2 Series | 3000 | 750S2 |
| | | SMC (G2 Series) | 3000 | 750S2 |
| | Kinco | SMC (G1 Series) | 3000 | 750S2 |
| | | R2AA08 (R Series/R2/□80/200 VAC) | 3000 | 750S1 |
| | Sanyo Denki Co., Ltd. | R2AA10 (R Series/R2/□100/200 VAC) | 3000 | 1000K22 |
| | | R5AA08 (R Series/R5/□80/200 VAC) | 3000 | 750S1 |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 3000 | 1000K22 |
| | | R1AA08 (R Series/R1/□80/200 VAC) | 3000 | 750S1 |
| | | GAM1A8 (G Series/G1/□80/200V AC) | 3000 | 750S1 |
| | | GAM2A8 (G Series/G2/□80/200V AC) | 3000 | 750S1 |
| | | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 1000K22 |
| | | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 |
| | Tamagawa Seiki Co.,Ltd. | TS4614, TSM3304, TSM4304 | 3000 | 750S2 |
| | | TS4613, TSM3303, TSM4303 | 3000 | 750S2 |
| | Delta Electronics, Inc. | ECMA-C*08(□80) | 3000 | 750S2 |
| | | ECMA-C-H | 3000 | 750S2 |
| | | ECM-A3L-C*080(□80) | 3000 | 750S2 |
| | | ECM-A3H-C*080(□80) | 3000 | 750S2 |
| | | ECM-B3M-C*080(□80) | 3000 | 750S2 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 750S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 750S3 |
| | | MSMF (MINAS A6 Series □80 mm or less) | 3000 | 750S3 |
| | | MHMF (MINAS A6 Series □80 mm or less) | 3000 | 750S3 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA7 Series) | 3000 | 750S1 |
| | | GYB (ALPHA7 Series) | 3000 | 750S2 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 750S2 |
| | | HG-MR (J4 Series) | 3000 | 750S2 |
| | | HK-KT_W (□80) (J5 Series) | 3000 | 750S2 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 750S2 |
| | | HK-MT_VW (□80) (J5 Series) | 3000 | 750S2 |
| | | HK-MT_W (□80) (J5 Series) | 3000 | 750S2 |
| | YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 750S2 |
| | | SGMJV (Σ-V Series) | 3000 | 750S2 |
| | | SGM7J (Σ-7 Series) | 3000 | 750S2 |
| | | SGM7A (Σ-7 Series) | 3000 | 750S2 |
| | | SGMXJ (Σ-X Series) | 3000 | 750S2 |
| | | SGMXA (Σ-X Series) | 3000 | 750S2 |
| | Allen Bradley/Rockwell Automation | TLP-A090-075 | 3000 | 750S2 |
| TLP-B090-075 | | 3000 | 750S2 | |
| 800 | Shibaura Machine Co., Ltd. | VLBST (1500 min ⁻¹) | 1500 | 2000K31 |
| 850 | Delta Electronics, Inc. | ECMA-F | 1500 | 2000K32 |
| | | ECMC-F | 1500 | 2000K32 |
| | Panasonic Corporation | MGMF (MINAS A6 Series □130 mm or more) | 1500 | 2000K32 |
| | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | 1000 | 3000K33 |
| | | HG-SR 1000 r/min (J4 Series) | 1000 | 3000K33 |

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APC/AG3 Type
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Right Angle Hollow Bore/
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Concentric Right Angle Hollow Bore/
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Right Angle Shaft

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Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

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Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|------------------------------------------------|-----------------------------------|--------------------------------------------------------------|---------------------|--------------------|
| 900 | Allen Bradley/Rockwell Automation | TLP-A145-090 | 1000 | 3000K32 |
| | ABB | BSM | 2000 | 1500K32 |
| 1000 | OMRON Corporation | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 1000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 1000K21 |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 1000K21 |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 1000K21 |
| | | G Series R88M-G (Cylinder Type 2000 r/min) | 2000 | 1500K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 200 VAC) | 2000 | 1500K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 400 VAC) | 2000 | 1500K32 |
| | | 1S Series R88M-1M (2000 r/min, 200 VAC) | 2000 | 1500K32 2000K32 |
| | | 1S Series R88M-1M (2000 r/min, 400 VAC) | 2000 | 1500K32 2000K32 |
| | Sanyo Denki Co., Ltd. | R2AA10 (R Series/R2/□100/200 VAC) | 3000 | 1000K22 |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 3000 | 1000K22 |
| | Shibaura Machine Co., Ltd. | VLBSV (1500 min ⁻¹) | 1500 | 2000K31 |
| | | VLBST (1500 min ⁻¹) | 1500 | 2000K31 |
| | Delta Electronics, Inc. | ECMA-C*10(□100) | 3000 | 1000K22 |
| | | ECMA-E*13(□130) | 2000 | 1500K32 |
| | | ECMC-C | 3000 | 1000K22 |
| | | ECMC-E(□130) | 2000 | 1500K32 |
| | | ECM-B3M-E*13(□130) | 2000 | 1500K32 |
| | | MSME (MINAS A5 Series) | 3000 | 1000K21 |
| | Panasonic Corporation | MSMF (MINAS A6 Series) | 3000 | 1000K21 |
| | | MDME (MINAS A5 Series) | 2000 | 1500K32 |
| | | MDMF (MINAS A6 Series) | 2000 | 1500K32 |
| | | GYS (ALPHA5 Series) | 3000 | 1000K23 |
| | Fuji Electric Co., Ltd. | GYG (ALPHA5 Series) | 2000 | 1500K32 |
| | | GYG (ALPHA7 Series) | 3000 | 1000K23 |
| | | GYG (ALPHA7 Series) | 2000 | 1500K32 |
| | Mitsubishi Electric Corporation | HG-RR (J4 Series) | 3000 | 1000K23 |
| | | HG-SR 2000 r/min (J4 Series) | 2000 | 1500K33 |
| HK-ST_W (□130) (J5 Series) | | 2000 | 1500K33 | |
| HK-ST_W (□130) (J5 Series) | | 1500 | 2000K33 | |
| HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | | 1000 | 3000K33 | |
| HK-ST_4_W (□130) (J5 Series) | | 2000 | 2000K33 | |
| MM-CF (Sensor-less Servo Series) | | 2000 | 1500K33 | |
| SGMSV (Σ-V Series) | | 3000 | 1000K13 | |
| Allen Bradley/Rockwell Automation | TLP-A115-100 | 3000 | 1000K22 | |
| | TLP-A145-100 | 2000 | 1500K32 | |
| | TLP-B115-100 | 3000 | 1000K22 | |
| | TLP-B145-100 | 2000 | 1500K32 | |
| 1200 | Kinco | SMC (G1 Series) | 3000 | 1500K32 |
| | | R2AA13 | 2000 | 2000K32 |
| | Sanyo Denki Co., Ltd. | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 2000K32 |
| | | GAM2AB (G Series/G2/□130/200V AC) | 2000 | 2000K32 |
| 1300 | Delta Electronics, Inc. | ECMA-F | 1500 | 3000K32 |
| | | ECMC-F | 1500 | 3000K32 |
| | Panasonic Corporation | MGMF (MINAS A6 Series) | 1500 | 3000K32 |
| 1400 | Shibaura Machine Co., Ltd. | VLBST (3000 min ⁻¹) | 3000 | 1500K31 |

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | FlangeType | |
|-------------------------------|---------------------------------|--------------------------------------------------------------|-----------------------------------|------------|---------|
| 1500 | ABB | BSM | 2000 | 3000K32 | |
| | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 1500K21 | |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 1500K21 | |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 1500K21 | |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 1500K21 | |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 1500K21 | |
| | | G Series R88M-G (Cylinder Type 2000 r/min) | 2000 | 3000K32 | |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 200 VAC) | 2000 | 3000K32 | |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 400 VAC) | 2000 | 3000K32 | |
| | | 1S Series R88M-1M (2000 r/min, 200 VAC) | 2000 | 3000K32 | |
| | | 1S Series R88M-1M (2000 r/min, 400 VAC) | 2000 | 3000K32 | |
| | | Kinco | SMC (G1 Series) | 3000 | 2000K32 |
| | Sanyo Denki Co., Ltd. | GAM1AA (G Series/G1/□100/200V AC) | 3000 | 1500K22 | |
| | | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 1500K22 | |
| | Shibaura Machine Co., Ltd. | VLBSV (1500 min ⁻¹) | 1500 | 3000K33 | |
| | | VLBST (1500 min ⁻¹) | 1500 | 3000K33 | |
| | Delta Electronics, Inc. | ECMA-E*13(□130) | 2000 | 3000K32 | |
| | | ECMC-E(□130) | 2000 | 3000K32 | |
| | | ECM-B3M-E*13(□130) | 2000 | 3000K32 | |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 1500K21 | |
| | | MSMF (MINAS A6 Series) | 3000 | 1500K21 | |
| | | MDME (MINAS A5 Series) | 2000 | 3000K32 | |
| | | MDMF (MINAS A6 Series) | 2000 | 3000K32 | |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 1500K23 | |
| | | GYC (ALPHA5 Series) | 3000 | 1500K33 | |
| | | GYG (ALPHA5 Series) | 2000 | 3000K32 | |
| | | GYS (ALPHA7 Series) | 3000 | 1500K23 | |
| | Mitsubishi Electric Corporation | GYG (ALPHA7 Series) | 2000 | 3000K32 | |
| | | HG-RR (J4 Series) | 3000 | 1500K23 | |
| | | HG-SR 2000 r/min (J4 Series) | 2000 | 3000K33 | |
| | YASKAWA Electric Corporation | MM-CF (Sensor-less Servo Series) | 2000 | 3000K33 | |
| | | SGMSV (Σ-V Series) | 3000 | 1500K13 | |
| | | SGM7A (Σ-7 Series) | 3000 | 1500K13 | |
| | | SGMXA (Σ-X Series) | 3000 | 2000K13 | |
| | 1750 | YASKAWA Electric Corporation | HK-ST_W (□130) (J5 Series) | 2000 | 3000K33 |
| | 1800 | Sanyo Denki Co., Ltd. | R2AA13 | 2000 | 3000K32 |
| | | | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 3000K32 |
| | | Shibaura Machine Co., Ltd. | VLBSV (3000 min ⁻¹) | 3000 | 2000K31 |
| | | | VLBST (3000 min ⁻¹) | 3000 | 2000K31 |
| | | FANUC Corporation | βiS 12/3000-B (Brakemotor) | 2000 | 3000K33 |
| βiS 12/3000-B (No brake) | | | 2000 | 3000K33 | |
| βiS 12/3000HV-B (Brakemotor) | | | 2000 | 3000K33 | |
| βiS 12/3000HV-B (No brake) | | | 2000 | 3000K33 | |
| βiSc 12/3000-B (Brakemotor) | | | 2000 | 3000K33 | |
| βiSc 12/3000-B (No brake) | | | 2000 | 3000K33 | |
| βiSc 12/3000HV-B (Brakemotor) | | | 2000 | 3000K33 | |
| βiSc 12/3000HV-B (No brake) | 2000 | 3000K33 | | | |

Motor Matching /
Motor Power Design List

APC/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type | |
|-----------------------------------|-----------------------------------|--------------------------------------------------------------|---------------------------------|-------------|---------|
| 2000 | ABB | BSM | 2000 | 3000K32 | |
| | | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 2000K21 | |
| | OMRON Corporation | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 2000K21 | |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 2000K21 | |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 2000K21 | |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 2000K21 | |
| | | G Series R88M-G (Cylinder Type 2000 r/min) | 2000 | 3000K32 | |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 200 VAC) | 2000 | 3000K32 | |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 400 VAC) | 2000 | 3000K32 | |
| | | 1S Series R88M-1M (2000 r/min, 200 VAC) | 2000 | 3000K32 | |
| | | 1S Series R88M-1M (2000 r/min, 400 VAC) | 2000 | 3000K32 | |
| | | R2AA13 | 2000 | 3000K34 | |
| | Sanyo Denki Co., Ltd. | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 3000K34 | |
| | | ECMA-C*10(□100) | 3000 | 2000K22 | |
| | Delta Electronics, Inc. | ECMA-E*13(□130) | 2000 | 3000K32 | |
| | | ECMC-E(□130) | 2000 | 3000K32 | |
| | | ECM-B3M-E*13(□130) | 2000 | 3000K32 | |
| | | MSME (MINAS A5 Series) | 3000 | 2000K21 | |
| | | MSMF (MINAS A6 Series) | 3000 | 2000K21 | |
| | Panasonic Corporation | MDME (MINAS A5 Series) | 2000 | 3000K32 | |
| | | MDMF (MINAS A6 Series) | 2000 | 3000K32 | |
| | | GYS (ALPHA5 Series) | 3000 | 2000K23 | |
| | | GYC (ALPHA5 Series) | 3000 | 2000K33 | |
| | Fuji Electric Co., Ltd. | GYS (ALPHA7 Series) | 3000 | 2000K23 | |
| | | GYG (ALPHA5 Series) | 2000 | 3000K32 | |
| | | HG-RR (J4 Series) | 3000 | 2000K23 | |
| | Mitsubishi Electric Corporation | HK-ST_W (□130) (J5 Series) | 2000 | 3000K33 | |
| | | HK-ST_4_W (□176) (J5 Series) | 2000 | 3000K33 | |
| | | SGMSV (Σ-V Series) | 3000 | 2000K13 | |
| | YASKAWA Electric Corporation | SGM7A (Σ-7 Series) | 3000 | 2000K13 | |
| | | SGMXA (Σ-X Series) | 3000 | 2000K13 | |
| | Allen Bradley/Rockwell Automation | TLP-A115-200 | 3000 | 2000K22 | |
| | | TLP-B115-200 | 3000 | 2000K22 | |
| | | TLP-B145-200 | 2000 | 3000K32 | |
| | | TL(Y)-A410 | 4500 | 2000K22 | |
| | 2200 | FANUC Corporation | αiS 12/6000-B (Brakemotor) | 4000 | 3000K33 |
| | | | αiS 12/6000HV-B (No brake) | 4000 | 3000K33 |
| | 2400 | Shibaura Machine Co., Ltd. | VLBSV (3000 min ⁻¹) | 3000 | 3000K33 |
| | | | VLBST (3000 min ⁻¹) | 3000 | 3000K33 |
| | 2500 | FANUC Corporation | αiS 12/4000HV-B (Brakemotor) | 3000 | 3000K33 |
| | | | αiS 12/4000HV-B (No brake) | 3000 | 3000K33 |
| | | YASKAWA Electric Corporation | SGM7A (Σ-7 Series) | 3000 | 3000K13 |
| SGMXA (Σ-X Series) | | | 3000 | 3000K13 | |
| Allen Bradley/Rockwell Automation | | TLP-A145-250 | 3000 | 3000K33 | |
| | TLP-B145-250 | 3000 | 3000K33 | | |
| 2600 | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) | 3000 | 3000K33 | |
| | | HK-ST_W (□130) (J5 Series) | 3000 | 3000K33 | |
| 2700 | FANUC Corporation | αiS 12/4000-B (Brakemotor) | 3000 | 3000K33 | |
| | | αiS 12/4000-B (No brake) | 3000 | 3000K33 | |

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------|------------------------------|-----------------------------------------|---------------------|-------------|
| 3000 | OMRON Corporation | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 3000K32 |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 3000K32 |
| | Delta Electronics, Inc. | ECMA-C*13(□130) | 3000 | 3000K33 |
| | Panasonic Corporation | MSMF (MINAS A6 Series) | 3000 | 3000K32 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 3000K34 |
| | | GYS (ALPHA7 Series) | 3000 | 3000K34 |
| | YASKAWA Electric Corporation | SGMSV (Σ-V Series) | 3000 | 3000K34 |
| | | SGM7A (Σ-7 Series) | 3000 | 3000K34 |
| | | SGMXA (Σ-X Series) | 3000 | 3000K34 |

Motor Matching /
Motor Power Design List

APG/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

AFC Type

[Notes]

- The tables show below representative examples as of March 2024. The specifications of servo motors are subject to change. When placing an order, be sure to check the dimensions of the servo motor flange you are going to use and the dimensions of the area in which our reducer for servo motor will be installed.
- The tables show below servo motors of standard specifications. For servo motors using an oil seal or other options, be sure to check whether they can be provided with a reducer by reference to the Detailed Diagrams of Input Shaft and Flange Shapes on pages 835 to 837.
- The maximum input speed is 5000 r/min. We recommend it at 3000 r/min or below in general operation.
- If you supply a servo motor that needs to be installed to the reducer, we will ship the reducer assembled with the servo motor. Be sure to supply a servo motor without a key for the output shaft. In addition, the reducer will be installed so that the servo motor lead wires will be drawn out from the lower side as a standard specification.
- For more details, please contact your nearest Sales Office or the CS Center.
- If the rated speed of the servo motor is below 3000 r/min, be careful with the continuous rated torque of the servo motor. Select a reducer whose continuous rated input torque is higher than the continuous rated torque of the servo motor. Please refer to page 871 for the continuous rated input torques of reducers.

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------|----------------|
| 100 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 100S1 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 100S1 |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 100S1 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 100S1 |
| | | SV Series | 3000 | 100S1 |
| | KEYENCE Corporation | SV2 Series | 3000 | 100S1 |
| | | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 100S1 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 100S1 |
| | Tamagawa Seiki Co., Ltd. | TS4603, TSM3104, TSM4104 | 3000 | 100S1 |
| | Delta Electronics, Inc. | ECM-A3L-C*040(□40) | 3000 | 100S1 |
| | | ECM-A3H-C*040(□40) | 3000 | 100S1 |
| | | ECM-B3L-C*040(□40) | 3000 | 100S1 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 100S3 (Note 1) |
| | | MSMF (MINAS A6 Series) | 3000 | 100S3 (Note 1) |
| | | MHMF (MINAS A6 Series) | 3000 | 100S1 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 100S1 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 100S1 |
| | | GYS (ALPHA7 Series) | 3000 | 100S1 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 100S1 |
| | | HG-MR (J4 Series) | 3000 | 100S1 |
| | | HF-KN Series (JN Series) | 3000 | 100S1 |
| | | HK-KT_W (□40) (J5 Series) | 3000 | 100S1 |
| | | HK-MT_VW (□40) (J5 Series) | 3000 | 100S1 |
| | | HK-MT_W (□40) (J5 Series) | 3000 | 100S1 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 100S1 |
| | YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 100S1 |
| | | SGMJV (Σ-V Series) | 3000 | 100S1 |
| | | SGM7J (Σ-7 Series) | 3000 | 100S1 |
| | | SGM7A (Σ-7 Series) | 3000 | 100S1 |
| SGMXJ (Σ-X Series) | | 3000 | 100S1 | |
| Allen Bradley/Rockwell Automation | SGMXA (Σ-X Series) | 3000 | 100S1 | |
| | TLP-A046-010 | 3000 | 100S1 | |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | FlangeType |
|-----------------|------------------------------------------------|--------------------------------------------------------------|---------------------|------------|
| 200 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 200S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 200S3 |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 200S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 200S3 |
| | KEYENCE Corporation | SV Series | 3000 | 200S2 |
| | | SV2 Series | 3000 | 200S2 |
| | Kinco | SMC (G2 Series) | 3000 | 200S2 |
| | | SMC (G1 Series) | 3000 | 200S2 |
| | Sanyo Denki Co., Ltd. | R2EA06 (R Series/R2/□60/100 VAC) | 3000 | 200S2 |
| | | R2AA06 (R Series/R2/□60/200 VAC) | 3000 | 200S2 |
| | | R5AA06 (R Series/R5/□60/200 VAC) | 3000 | 200S2 |
| | | R2GA06 (R Series/R2/□60/48 VDC) | 3000 | 200S2 |
| | | R1AA06 (R Series/R1/□60/200 VAC) | 3000 | 200S2 |
| | | R1EA06 (R Series/R1/□60/100 VAC) | 3000 | 200S2 |
| | | GAM1E6 (G Series/G1/□60/100V AC) | 3000 | 200S2 |
| | | GAM1A6 (G Series/G1/□60/200V AC) | 3000 | 200S2 |
| | | GAM2E6 (G Series/G2/□60/100V AC) | 3000 | 200S2 |
| | | GAM2A6 (G Series/G2/□60/200V AC) | 3000 | 200S2 |
| | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 200S2 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 200S2 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 200S2 |
| | Tamagawa Seiki Co.,Ltd. | TS4607, TSM3202, TSM4202 | 3000 | 200S2 |
| | Delta Electronics, Inc. | ECMA-C*06(□60) | 3000 | 200S2 |
| | | ECM-A3L-C*060(□60) | 3000 | 200S2 |
| | | ECM-A3H-C*060(□60) | 3000 | 200S2 |
| | | ECM-B3M-C*060(□60) | 3000 | 200S2 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 200S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 200S3 |
| | | MSMF (MINAS A6 Series) | 3000 | 200S3 |
| | | MHMF (MINAS A6 Series) | 3000 | 200S3 |
| | | MUMA021P1 (100 V) (MINAS E Series) | 3000 | 200S3 |
| | | MUMA022P1 (200 V) (MINAS E Series) | 3000 | 200S3 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 200S2 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 200S2 |
| | | GYS (ALPHA7 Series) | 3000 | 200S2 |
| | | GYB (ALPHA7 Series) | 3000 | 200S2 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 200S2 |
| | | HG-MR (J4 Series) | 3000 | 200S2 |
| | | HF-KN Series (JN Series) | 3000 | 200S2 |
| | | HK-KT_W (□60) (J5 Series) | 3000 | 200S2 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 200S2 |
| | | HK-MT_VW (□60) (J5 Series) | 3000 | 200S2 |
| | | HK-MT_W (□60) (J5 Series) | 3000 | 200S2 |
| | YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 200S2 |
| | | SGMJV (Σ-V Series) | 3000 | 200S2 |
| | | SGM7J (Σ-7 Series) | 3000 | 200S2 |
| | | SGM7A (Σ-7 Series) | 3000 | 200S2 |
| | | SGMXJ (Σ-X Series) | 3000 | 200S2 |
| | | SGMXA (Σ-X Series) | 3000 | 200S2 |
| | Allen Bradley/Rockwell Automation | TLP-A070-020 | 3000 | 200S2 |
| 375 | Mitsubishi Electric Corporation | HK-KT_4_W (□80) (J5 Series) (200 V amplifier) | 3000 | 750S2 |

Motor Matching /
Motor Power Design List

APC/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-------------------|------------------------------------------------|--------------------------------------------------------------|------------------------------|-------------|
| 400 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 400S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 400S3 |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 400S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 400S3 |
| | KEYENCE Corporation | SV Series | 3000 | 400S1 |
| | | SV2 Series | 3000 | 400S1 |
| | Kinco | SMC (G2 Series) | 3000 | 400S1 |
| | | SMC (G1 Series) | 3000 | 400S1 |
| | Sanyo Denki Co., Ltd. | R2AA06 (R Series/R2/□60/200 VAC) | 3000 | 400S1 |
| | | R5AA06 (R Series/R5/□60/200 VAC) | 3000 | 400S1 |
| | | R1AA06 (R Series/R1/□60/200 VAC) | 3000 | 400S1 |
| | | GAM1A6 (G Series/G1/□60/200V AC) | 4000 | 400S1 |
| | | GAM2A6 (G Series/G2/□60/200V AC) | 4000 | 400S1 |
| | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 400S1 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 400S1 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 400S1 |
| | Tamagawa Seiki Co.,Ltd. | TS4609, TSM3204, TSM4204 | 3000 | 400S1 |
| | Delta Electronics, Inc. | ECMA-C*06(□60) | 3000 | 400S1 |
| | | ECMA-C-H | 3000 | 400S1 |
| | | ECM-A3L-C*060(□60) | 3000 | 400S1 |
| | | ECM-A3H-C*060(□60) | 3000 | 400S1 |
| | | ECM-B3M-C*060(□60) | 3000 | 400S1 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 400S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 400S3 |
| | | MSMF (MINAS A6 Series) | 3000 | 400S3 |
| | | MHMF (MINAS A6 Series) | 3000 | 400S3 |
| | | MUMA042P1 (200 V) (MINAS E Series) | 3000 | 400S3 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 400S1 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 400S1 |
| | | GYS (ALPHA7 Series) | 3000 | 400S1 |
| | | GYB (ALPHA7 Series) | 3000 | 400S1 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 400S1 |
| | | HG-MR (J4 Series) | 3000 | 400S1 |
| | | HF-KN Series (JN Series) | 3000 | 400S1 |
| | | HK-KT_W (□60) (J5 Series) | 3000 | 400S1 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 400S1 |
| | | HK-MT_VW (□60) (J5 Series) | 3000 | 400S1 |
| | | HK-MT_W (□60) (J5 Series) | 3000 | 400S1 |
| | YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 400S1 |
| | | SGMJV (Σ-V Series) | 3000 | 400S1 |
| | | SGM7J (Σ-7 Series) | 3000 | 400S1 |
| | | SGM7A (Σ-7 Series) | 3000 | 400S1 |
| | | SGMXJ (Σ-X Series) | 3000 | 400S1 |
| | | SGMXA (Σ-X Series) | 3000 | 400S1 |
| | Allen Bradley/Rockwell Automation | TLP-A070-040 | 3000 | 400S1 |
| | | TLP-B070-040 | 3000 | 400S1 |
| | 500 | Mitsubishi Electric Corporation | HG-SR 1000 r/min (J4 Series) | 1000 |
| FANUC Corporation | | βIS 1/6000-B | 6000 | 400S1 |
| 550 | FANUC Corporation | βIS 1/6000HV-B | 6000 | 400S1 |
| | | βIS 1.5/6000-B | 6000 | 400S1 |
| 600 | FANUC Corporation | βIS 1.5/6000HV-B | 6000 | 400S1 |
| | | βIS 1.5/6000HV-B | 6000 | 400S1 |
| 600 | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 750S2 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 750S2 |
| | Tamagawa Seiki Co.,Ltd. | TS4613, TSM3303, TSM4303 | 3000 | 750S2 |
| | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | 1000 | 2000K33 |

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------|---------------------------------------|--------------------------------------------------------------|---------------------------------|-------------|
| 750 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 750S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 750S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 750S3 |
| | KEYENCE Corporation | SV Series | 3000 | 750S2 |
| | | SV2 Series | 3000 | 750S2 |
| | Kinco | SMC (G2 Series) | 3000 | 750S2 |
| | | SMC (G1 Series) | 3000 | 750S2 |
| | Sanyo Denki Co., Ltd. | R2AA08 (R Series/R2/□80/200 VAC) | 3000 | 750S1 |
| | | R2AA10 (R Series/R2/□100/200 VAC) | 3000 | 1000K22 |
| | | R5AA08 (R Series/R5/□80/200 VAC) | 3000 | 750S1 |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 3000 | 1000K22 |
| | | R1AA08 (R Series/R1/□80/200 VAC) | 3000 | 750S1 |
| | | GAM1A8 (G Series/G1/□80/200V AC) | 3000 | 750S1 |
| | | GAM2A8 (G Series/G2/□80/200V AC) | 3000 | 750S1 |
| | | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 1000K22 |
| | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 750S2 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 750S2 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 750S2 |
| | Tamagawa Seiki Co.,Ltd. | TS4614, TSM3304, TSM4304 | 3000 | 750S2 |
| | Delta Electronics, Inc. | ECMA-C*08(□80) | 3000 | 750S2 |
| | | ECMA-C-H | 3000 | 750S2 |
| | | ECM-A3L-C*080(□80) | 3000 | 750S2 |
| | | ECM-A3H-C*080(□80) | 3000 | 750S2 |
| | | ECM-B3M-C*080(□80) | 3000 | 750S2 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 750S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 750S3 |
| | | MSMF (MINAS A6 Series) | 3000 | 750S3 |
| | | MHMF (MINAS A6 Series) | 3000 | 750S3 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 750S1 |
| | | GYS (ALPHA7 Series) | 3000 | 750S1 |
| | | GYB (ALPHA7 Series) | 3000 | 750S2 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 750S2 |
| | | HG-MR (J4 Series) | 3000 | 750S2 |
| | | HK-KT_W (□80) (J5 Series) | 3000 | 750S2 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 750S2 |
| | | HK-KT_W (□90 Flat Type) (J5 Series) | 3000 | 1000K61 |
| | | HK-MT_VW (□80) (J5 Series) | 3000 | 750S2 |
| | | HK-MT_W (□80) (J5 Series) | 3000 | 750S2 |
| | YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 750S2 |
| | | SGMJV (Σ-V Series) | 3000 | 750S2 |
| | | SGM7J (Σ-7 Series) | 3000 | 750S2 |
| | | SGM7A (Σ-7 Series) | 3000 | 750S2 |
| | | SGMXJ (Σ-X Series) | 3000 | 750S2 |
| | | SGMXA (Σ-X Series) | 3000 | 750S2 |
| | Allen Bradley/Rockwell Automation | TLP-A090-075 | 3000 | 750S2 |
| | | TLP-B090-075 | 3000 | 750S2 |
| | 800 | Shibaura Machine Co., Ltd. | VLBST (1500 min ⁻¹) | 1500 |
| 850 | Panasonic Corporation | MGMF (MINAS A6 Series) | 1500 | 2000K32 |
| | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | 1000 | 3000K33 |
| 900 | OMRON Corporation | HG-SR 1000 r/min (J4 Series) | 1000 | 3000K33 |
| | | 1S Series R88M-1M (1000 r/min, 200 VAC) | 1000 | 3000K32 |
| | | 1S Series R88M-1M (1000 r/min, 400 VAC) | 1000 | 3000K32 |

Motor Matching /
Motor Power Design List

APC/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

| | | | | | | |
|---------------------------------------------|--------------------------------|-------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------|--------|
| Motor Matching / Motor Power Design List | APG/AG3 Type Parallel Shaft | AH2 Type Right Angle Shaft | AFC Type Right Angle Hollow Bore/ Right Angle Shaft | AF3 Type Concentric Right Angle Hollow Bore/ Concentric Right Angle Shaft | Technical Documentation | Option |
|---------------------------------------------|--------------------------------|-------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------|--------|

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type | |
|----------------------------------|-----------------------------------|------------------------------------------------------|-----------------------------------|-------------|---------|
| 1000 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 1000K61 | |
| | | G Series R88M-G (Cylinder Type 2000 r/min) | 2000 | 2000K32 | |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 200 VAC) | 2000 | 2000K32 | |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 400 VAC) | 2000 | 2000K32 | |
| | | 1S Series R88M-1M (2000 r/min, 200 VAC) | 2000 | 2000K32 | |
| | Sanyo Denki Co., Ltd. | 1S Series R88M-1M (2000 r/min, 400 VAC) | 2000 | 2000K32 | |
| | | R2AA10 (R Series/R2/□100/200 VAC) | 3000 | 1000K22 | |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 3000 | 1000K22 | |
| | | GAM1AA (G Series/G1/□100/200V AC) | 3000 | 1000K22 | |
| | Shibaura Machine Co., Ltd. | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 1000K22 | |
| | | VLBSV (1500 min ⁻¹) | 1500 | 2000K31 | |
| | Panasonic Corporation | VLBST (1500 min ⁻¹) | 1500 | 2000K31 | |
| | | MDME (MINAS A5 Series) | 2000 | 2000K32 | |
| | | MHMF (MINAS A5 Series) | 2000 | 2000K32 | |
| | | MDMF (MINAS A6 Series) | 2000 | 2000K32 | |
| | Fuji Electric Co., Ltd. | MHMF (MINAS A6 Series) | 2000 | 2000K32 | |
| | | GYS (ALPHA5 Series) | 3000 | 1000K23 | |
| | Mitsubishi Electric Corporation | GYS (ALPHA7 Series) | 3000 | 1000K23 | |
| | | HG-RR (J4 Series) | 3000 | 1000K23 | |
| | | HK-KT_W (□90) (J5 Series) | 3000 | 1000K61 | |
| | | HG-SR 2000 r/min (J4 Series) | 2000 | 2000K33 | |
| | | HK-ST_W (□130) (J5 Series) | 2000 | 2000K33 | |
| | | HK-ST_W (□130) (J5 Series) | 1500 | 2000K33 | |
| | | HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | 1000 | 3000K33 | |
| | | HK-KT_W (□90 Flat Type) (J5 Series) | 3000 | 1000K61 | |
| | | HK-RT_4_W (□90) (J5 Series) | 3000 | 1000W61 | |
| | | HK-RT_W (□90) (J5 Series) | 3000 | 1000W61 | |
| | | HK-ST_W (□130) (J5 Series) | 2000 | 2000K33 | |
| MM-CF (Sensor-less Servo Series) | | 2000 | 2000K33 | | |
| YASKAWA Electric Corporation | | SGMSV (Σ-V Series) | 3000 | 1000K13 | |
| | | R2AA13 | 2000 | 2000K32 | |
| 1200 | | Sanyo Denki Co., Ltd. | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 2000K32 |
| | | | R2CA10 (R Series/R2/□100/400 VAC) | 2000 | 2000K32 |
| | GAM2AB (G Series/G2/□130/200V AC) | | 2000 | 2000K32 | |
| 1300 | Panasonic Corporation | MGMF (MINAS A6 Series) | 1500 | 3000K32 | |

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|--------------------|---------------------------------|--------------------------------------------------------------|---------------------|-------------|
| 1500 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | | G Series R88M-G (Cylinder Type 2000 r/min) | 2000 | 3000K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 200 VAC) | 2000 | 3000K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 400 VAC) | 2000 | 3000K32 |
| | | 1S Series R88M-1M (2000 r/min, 200 VAC) | 2000 | 3000K32 |
| | | 1S Series R88M-1M (2000 r/min, 400 VAC) | 2000 | 3000K32 |
| | | Kinco | SMC (G1 Series) | 3000 |
| | Sanyo Denki Co., Ltd. | GAM1AA (G Series/G1/□100/200V AC) | 3000 | 2000K22 |
| | | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 2000K22 |
| | Shibaura Machine Co., Ltd. | VLBSV (1500 min ⁻¹) | 1500 | 3000K33 |
| | | VLBST (1500 min ⁻¹) | 1500 | 3000K33 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 2000K21 |
| | | MSMF (MINAS A6 Series) | 3000 | 2000K21 |
| | | MDME (MINAS A5 Series) | 2000 | 3000K32 |
| | | MHMF (MINAS A5 Series) | 2000 | 3000K32 |
| | | MDMF (MINAS A6 Series) | 2000 | 3000K32 |
| | | MHMF (MINAS A6 Series) | 2000 | 3000K32 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 2000K23 |
| | | GYC (ALPHA5 Series) | 3000 | 2000K33 |
| | | GYS (ALPHA7 Series) | 3000 | 2000K23 |
| | Mitsubishi Electric Corporation | HG-RR (J4 Series) | 3000 | 2000K23 |
| | | HG-SR 2000 r/min (J4 Series) | 2000 | 3000K33 |
| | | MM-CF (Sensor-less Servo Series) | 2000 | 3000K33 |
| | YASKAWA Electric Corporation | SGMSV (Σ-V Series) | 3000 | 2000K13 |
| | | SGM7A (Σ-7 Series) | 3000 | 2000K13 |
| | | SGM7P (Σ-7 Series) | 3000 | 2000K31 |
| | | SGM7P (Σ-7 Series) | 3000 | 1500K31 |
| | | SGM7P (Σ-7 Series) | 3000 | 2000K31 |
| SGMXA (Σ-X Series) | | 3000 | 2000K13 | |
| SGMXP (Σ-X Series) | | 3000 | 2000K41 | |
| 1750 | Mitsubishi Electric Corporation | HK-ST_W (□130) (J5 Series) | 2000 | 3000K33 |
| | | HK-ST_4_W (□130) (J5 Series) | 2000 | 3000K33 |
| 1800 | Sanyo Denki Co., Ltd. | R2AA13 | 2000 | 3000K32 |
| | | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 3000K32 |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 2000 | 3000K32 |
| | Shibaura Machine Co., Ltd. | VLBSV (3000 min ⁻¹) | 3000 | 2000K31 |
| | | VLBST (3000 min ⁻¹) | 3000 | 2000K31 |
| | FANUC Corporation | βiS 12/3000-B (No brake) | 2000 | 3000K33 |
| | | βiS 12/3000HV-B (No brake) | 2000 | 3000K33 |
| | | βiSc 12/3000-B (No brake) | 2000 | 3000K33 |
| | | βiSc 12/3000HV-B (No brake) | 2000 | 3000K33 |

Motor Matching /
Motor Power Design List

APG/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | FlangeType |
|-----------------------------------|---------------------------------|--------------------------------------------------------------|---------------------|------------|
| 2000 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | | G Series R88M-G (Cylinder Type 2000 r/min) | 2000 | 3000K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 200 VAC) | 2000 | 3000K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 400 VAC) | 2000 | 3000K32 |
| | | 1S Series R88M-1M (2000 r/min, 200 VAC) | 2000 | 3000K32 |
| | | 1S Series R88M-1M (2000 r/min, 400 VAC) | 2000 | 3000K32 |
| | Sanyo Denki Co., Ltd. | R2AA13 | 2000 | 3000K34 |
| | | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 3000K34 |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 3000 | 3000K34 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 2000K21 |
| | | MSMF (MINAS A6 Series) | 3000 | 2000K21 |
| | | MDME (MINAS A5 Series) | 2000 | 3000K32 |
| | | MDMF (MINAS A6 Series) | 2000 | 3000K32 |
| | | MHMF (MINAS A6 Series) | 2000 | 3000K75 |
| | | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 |
| | GYC (ALPHA5 Series) | | 3000 | 2000K33 |
| | GYS (ALPHA7 Series) | | 3000 | 2000K23 |
| | Mitsubishi Electric Corporation | HG-RR (J4 Series) | 3000 | 2000K23 |
| | | HG-SR 2000 r/min (J4 Series) | 2000 | 3000K75 |
| | | HK-ST_W (□130) (J5 Series) | 2000 | 3000K33 |
| | | HK-ST_4_W (□130) (J5 Series) | 2000 | 3000K33 |
| | | HK-ST_W (□176) (J5 Series) | 2000 | 3000K75 |
| | | HK-ST_4_W (□176) (J5 Series) | 2000 | 3000K75 |
| | | MM-CF (Sensor-less Servo Series) | 2000 | 3000K75 |
| | | SGMSV (Σ-V Series) | 3000 | 2000K13 |
| | | SGM7A (Σ-7 Series) | 3000 | 2000K13 |
| | | SGMXA (Σ-X Series) | 3000 | 2000K13 |
| | YASKAWA Electric Corporation | SGMSV (Σ-V Series) | 3000 | 2000K13 |
| SGM7A (Σ-7 Series) | | 3000 | 2000K13 | |
| Allen Bradley/Rockwell Automation | TLP-A200-200 | 2000 | 3000K75 | |
| | | | | |
| 2200 | FANUC Corporation | αiS 12/6000-B (No brake) | 4000 | 3000K33 |
| | | αiS 12/6000HV-B (No brake) | 4000 | 3000K33 |
| 2400 | Shibaura Machine Co., Ltd. | VLBSV (3000 min ⁻¹) | 3000 | 3000K33 |
| | | VLBST (3000 min ⁻¹) | 3000 | 3000K33 |
| 2500 | FANUC Corporation | αiS 12/4000HV-B (No brake) | 3000 | 3000K33 |
| | | SGMSV (Σ-V Series) | 3000 | 3000K13 |
| | YASKAWA Electric Corporation | SGM7A (Σ-7 Series) | 3000 | 3000K13 |
| | | SGMXA (Σ-X Series) | 3000 | 3000K13 |
| 2600 | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) | 3000 | 3000K33 |
| | | HK-ST_W (□130) (J5 Series) | 3000 | 3000K33 |
| 2700 | FANUC Corporation | αiS 12/4000-B (No brake) | 3000 | 3000K33 |

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | FlangeType |
|-----------------|------------------------------|--------------------------------------------|---------------------|------------|
| 3000 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 3000K52 |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 3000K32 |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 3000K32 |
| | Shibaura Machine Co., Ltd. | VLBSV (3000 min ⁻¹) | 3000 | 3000K75 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 3000K32 |
| | | MSMF (MINAS A6 Series) | 3000 | 3000K32 |
| | FANUC Corporation | aiF 12/4000-B | 3000 | 3000K75 |
| | | aiF 12/4000HV-B | 3000 | 3000K75 |
| | YASKAWA Electric Corporation | SGMA7A (Σ-7 Series) | 3000 | 3000K34 |
| | | SGMASV (Σ-V Series) | 3000 | 3000K34 |

Motor Matching /
Motor Power Design List

APG/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

AG3/AH2/AF3 Types

[Notes]

- The tables show below representative examples as of March 2024. The specifications of servo motors are subject to change. When placing an order, be sure to check the dimensions of the servo motor flange you are going to use and the dimensions of the area in which our reducer for servo motor will be installed.
- The tables show below servo motors of standard specifications. For servo motors using an oil seal or other options, be sure to check whether they can be provided with a reducer by reference to the Detailed Diagrams of Input Shaft and Flange Shapes on pages 831 to 833 and pages 838 to 842.
- In the case of a servo motor whose maximum speed exceeds 3000 r/min, we recommend its speed of 3000 r/min or below.
- If you supply a servo motor that needs to be installed to the reducer, we will ship the reducer assembled with the servo motor. Be sure to supply a servo motor without a key for the output shaft. In addition, the reducer will be installed so that the servo motor lead wires will be drawn out from the lower side in the case of the AF3S and the AF3F or from the upper side in the case of other types as a standard specification.
- Reducers for the ADME Series of Hitachi Industrial Equipment Systems Co., Ltd. will be custom-made. For more details, please contact your nearest Sales Office or the CS Center.
- If the rated speed of the servo motor is below 3000 r/min, be careful with the continuous rated torque of the servo motor. Select a reducer whose continuous rated input torque is higher than the continuous rated torque of the servo motor. Please refer to page 871 for the continuous rated input torques of reducers.

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type | |
|------------------------------|------------------------------------------------|--------------------------------------------------------------|------------------------------------|----------------|-------|
| 100 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 100S1 | |
| | | G Series R88M-G (Flat Type 3000 r/min) | 3000 | 100F3 | |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 100S1 | |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 100S1 | |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 100S1 | |
| | KEYENCE Corporation | SV Series | 3000 | 100S1 | |
| | | SV2 Series | 3000 | 100S1 | |
| | Sanyo Denki Co., Ltd. | R2EA06 (R Series/R2/□60/100 VAC) | 3000 | 100F1 | |
| | | R2AA04 (R Series/R2/□40/200 VAC) | 3000 | 100S1 | |
| | | R2AA06 (R Series/R2/□60/200 VAC) | 3000 | 100F1 | |
| | | R2GA06 (R Series/R2/□60/48 VAC) | 3000 | 100F1 | |
| | | R1AA04 (R Series/R1/□40/200 VAC) | 3000 | 100S1 | |
| | | R1EA04 (R Series/R1/□40/100 VAC) | 3000 | 100S1 | |
| | | GAM1E4 (G Series/G1/□40/100V AC) | 3000 | 100S1 | |
| | | GAM1A4 (G Series/G1/□40/200V AC) | 3000 | 100S1 | |
| | | GAM2E4 (G Series/G2/□40/100V AC) | 3000 | 100S1 | |
| | | GAM2E6 (G Series/G2/□60/100V AC) | 3000 | 100F1 | |
| | | GAM2A4 (G Series/G2/□40/200V AC) | 3000 | 100S1 | |
| | | GAM2A6 (G Series/G2/□60/200V AC) | 3000 | 100F1 | |
| | | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 100S1 |
| | | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 100S1 |
| | Delta Electronics, Inc. | ECMA-C*04(□40) | 3000 | 100S1 | |
| | | ECM-A3L-C*040(□40) | 3000 | 100S1 | |
| | | ECM-A3H-C*040(□40) | 3000 | 100S1 | |
| | | ECM-B3L-C*040(□40) | 3000 | 100S1 | |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 100S3 (Note 1) | |
| | | MSMF (MINAS A6 Series) | 3000 | 100S3 (Note 1) | |
| | | MQMF (MINAS A6 Series) | 3000 | 100F3 | |
| | | MHMF (MINAS A6 Series) | 3000 | 100S1 | |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 100S1 | |
| | FANUC Corporation | βis0.3/5000 | 3000 | 100S1 | |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 100S1 | |
| | | GYC (ALPHA5 Series) | 3000 | 100F1 | |
| | | GYS (ALPHA7 Series) | 3000 | 100S1 | |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 100S1 | |
| | | HG-MR (J4 Series) | 3000 | 100S1 | |
| | | HF-KN (JN Series) | 3000 | 100S1 | |
| | | HK-KT_W (□40) (J5 Series) | 3000 | 100S1 | |
| | | HK-KT_W (□60) (J5 Series) | 3000 | 100F1 | |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 100S1 | |
| HK-MT_VW (□40) (J5 Series) | | 3000 | 100S1 | | |
| HK-MT_W (□40) (J5 Series) | | 3000 | 100S1 | | |
| SGMAV (Σ-V Series) | | 3000 | 100S1 | | |
| SGMJV (Σ-V Series) | | 3000 | 100S1 | | |
| YASKAWA Electric Corporation | SGM7J (Σ-7 Series) | 3000 | 100S1 | | |
| | SGM7A (Σ-7 Series) | 3000 | 100S1 | | |
| | SGM7P (Σ-7 Series) | 3000 | 100F1 | | |
| | SGMXJ (Σ-X Series) | 3000 | 100S1 | | |
| | SGMXA (Σ-X Series) | 3000 | 100S1 | | |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.

Note 2: The motor power is applicable only to concentric right angle hollow bore type and concentric right angle shaft type reducers (AF3) with precision 1 arc min and 3 arc min specifications. Please be careful.

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------|----------------|
| 200 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 200S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 200S3 |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 200S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 200S3 |
| | KEYENCE Corporation | SV Series | 3000 | 200S2 |
| | | SV2 Series | 3000 | 200S2 |
| | Kinco | SMC (G2 Series) | 3000 | 200S2 |
| | | SMC (G1 Series) | 3000 | 200S2 |
| | Sanyo Denki Co., Ltd. | R2EA06 (R Series/R2/□60/100 VAC) | 3000 | 200S2 |
| | | R2AA06 (R Series/R2/□60/200 VAC) | 3000 | 200S2 |
| | | R2AA08 (R Series/R2/□80/200 VAC) | 3000 | 200F2 |
| | | R5AA06 (R Series/R5/□60/200 VAC) | 3000 | 200S2 |
| | | R2GA06 (R Series/R2/□60/48 VAC) | 3000 | 200S2 |
| | | R1AA06 (R Series/R1/□60/200 VAC) | 3000 | 200S2 |
| | | R1EA06 (R Series/R1/□60/100 VAC) | 3000 | 200S2 |
| | | GAM1E6 (G Series/G1/□60/100V AC) | 3000 | 200S2 |
| | | GAM1A6 (G Series/G1/□60/200V AC) | 3000 | 200S2 |
| | | GAM2E6 (G Series/G2/□60/100V AC) | 3000 | 200S2 |
| | | GAM2A6 (G Series/G2/□60/200V AC) | 3000 | 200S2 |
| | | GAM2A8 (G Series/G2/□80/200V AC) | 3000 | 200F2 |
| | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 200S2 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 200S2 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 200S2 |
| | Tarnagawa Seiki Co.,Ltd. | TS4607, TSM3202, TSM4202 | 3000 | 200S2 |
| | | TS4611 | 3000 | 200F2 |
| | Delta Electronics, Inc. | ECMA-C*06(□60) | 3000 | 200S2 |
| | | ECM-A3L-C*060(□60) | 3000 | 200S2 |
| | | ECM-A3H-C*060(□60) | 3000 | 200S2 |
| | | ECM-B3M-C*060(□60) | 3000 | 200S2 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 200S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 200S3 |
| | | MSMF (MINAS A6 Series) | 3000 | 200S3 |
| | | MQMF (MINAS A6 Series) | 3000 | 200F3 |
| | | MHMF (MINAS A6 Series) | 3000 | 200S3 |
| | | MUMA021P1 (100 V) (MINAS E Series) | 3000 | 200S3 |
| | | MUMA022P1 (200 V) (MINAS E Series) | 3000 | 200S3 |
| | | ADMA Series | 3000 | 200S2 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | βis0.5/6000 | 3000 | 200S5 (Note 2) |
| | FANUC Corporation | GYS (ALPHA5 Series) | 3000 | 200S2 |
| | | GYC (ALPHA5 Series) | 3000 | 200F2 |
| | | GYS (ALPHA7 Series) | 3000 | 200S2 |
| | | GYB (ALPHA7 Series) | 3000 | 200S2 |
| | | YG (ALPHA7 Series) | 3000 | 200S2 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 200S2 |
| | | HG-MR (J4 Series) | 3000 | 200S2 |
| | | HF-KN (JN Series) | 3000 | 200S2 |
| | | HK-KT_W (□60) (J5 Series) | 3000 | 200S2 |
| | | HK-KT_W (□80) (J5 Series) | 3000 | 200F2 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 200S2 |
| | | HK-KT_4_W (□60) (J5 Series) (200 V amplifier) | 1500 | 400S1 |
| HK-MT_VW (□60) (J5 Series) | | 3000 | 200S2 | |
| HK-MT_W (□60) (J5 Series) | | 3000 | 200S2 | |
| HK-KT_W (□176) (J5 Series) | | 1500 | 400S1 | |
| YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 200S2 | |
| | SGMJV (Σ-V Series) | 3000 | 200S2 | |
| | SGMJ7 (Σ-7 Series) | 3000 | 200S2 | |
| | SGM7A (Σ-7 Series) | 3000 | 200S2 | |
| | SGM7P (Σ-7 Series) | 3000 | 200F2 | |
| | SGMXP (Σ-X Series) | 3000 | 200F2 | |
| | SGMXJ (Σ-X Series) | 3000 | 200S2 | |
| | SGMXA (Σ-X Series) | 3000 | 200S2 | |
| Allen Bradley/Rockwell Automation | TLP-A070-020 | 3000 | 200S2 | |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.
 Note 2: The motor power is applicable only to concentric right angle hollow bore type and concentric right angle shaft type reducers (AF3) with precision 1 arc min and 3 arc min specifications. Please be careful.

Motor Matching / Motor Power Design List
 AFC/AG3 Type Parallel Shaft
 AH2 Type Right Angle Shaft
 AFC Type Right Angle Hollow Bore/Right Angle Shaft
 AF3 Type Concentric Right Angle Hollow Bore/Concentric Right Angle Shaft
 Technical Documentation
 Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type | |
|-----------------------------------|------------------------------------------------|--------------------------------------------------------------|------------------------|------------------|-------|
| 300 | FANUC Corporation | β iS 0.5/6000HV-B | 6000 | 200S5 | |
| | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | 1000 | 1000K33 (Note 2) | |
| 350 | FANUC Corporation | β iS 0.5/6000-B | 6000 | 200S5 | |
| 375 | Mitsubishi Electric Corporation | HK-KT_4_W (□80) (J5 Series) (200 V amplifier) | 1500 | 750S2 | |
| | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 400S3 | |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 400S3 | |
| | | 1S Series R88M-1M (3000 r/min, 100 VAC) | 3000 | 400S3 | |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 400S3 | |
| | KEYENCE Corporation | SV Series | 3000 | 400S1 | |
| | | SV2 Series | 3000 | 400S1 | |
| | Kinco | SMC (G2 Series) | 3000 | 400S1 | |
| | | SMC (G1 Series) | 3000 | 400S1 | |
| | Sanyo Denki Co., Ltd. | R2AA06 (R Series/R2/□60/200 VAC) | 3000 | 400S1 | |
| | | R2AA08 (R Series/R2/□80/200 VAC) | 3000 | 400F1 | |
| | | R5AA06 (R Series/R5/□60/200 VAC) | 3000 | 400S1 | |
| | | R1AA06 (R Series/R1/□60/200 VAC) | 3000 | 400S1 | |
| | | GAM1A6 (G Series/G1/□60/200V AC) | 3000 | 400S1 | |
| | | GAM2A6 (G Series/G2/□60/200V AC) | 3000 | 400S1 | |
| | | GAM2A8 (G Series/G2/□80/200V AC) | 3000 | 400F1 | |
| | | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 400S1 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 400S1 | |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 400S1 | |
| | Tamagawa Seiki Co.,Ltd. | TS4609, TSM3204, TSM4204 | 3000 | 400S1 | |
| | | TS4612 | 3000 | 400F1 | |
| | 400 | Delta Electronics, Inc. | ECMA-C*06(□60) | 3000 | 400S1 |
| | | | ECMA-C*08(□80) | 3000 | 400F1 |
| | | | ECMA-C-H | 3000 | 400S1 |
| | | | ECM-A3L-C*060(□60) | 3000 | 400S1 |
| | | | ECM-A3L-C*080(□80) | 3000 | 400F1 |
| | | | ECM-A3H-C*060(□60) | 3000 | 400S1 |
| | | | ECM-A3H-C*080(□80) | 3000 | 400F1 |
| | | | ECM-B3M-C*060(□60) | 3000 | 400S1 |
| | | ECM-B3M-C*080(□80) | 3000 | 400F1 | |
| | | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 400S3 |
| | | | MHMD (MINAS A5 Series) | 3000 | 400S3 |
| | | | MSMF (MINAS A6 Series) | 3000 | 400S3 |
| | | | MQMF (MINAS A6 Series) | 3000 | 400F3 |
| | | | MHMF (MINAS A6 Series) | 3000 | 400S3 |
| | MUMA042P1 (200 V) (MINAS E Series) | | 3000 | 400S3 | |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 400S1 | |
| FANUC Corporation | β is1/6000 | 3000 | 400S1 | | |
| Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 400S1 | | |
| | GYC (ALPHA5 Series) | 3000 | 400F1 | | |
| | GYS (ALPHA7 Series) | 3000 | 400S1 | | |
| | GYB (ALPHA7 Series) | 3000 | 400S1 | | |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 400S1 | |
| HG-MR (J4 Series) | | 3000 | 400S1 | | |
| HF-KN (JN Series) | | 3000 | 400S1 | | |
| HK-KT_W (□60) (J5 Series) | | 3000 | 400S1 | | |
| HK-KT_W (□80) (J5 Series) | | 3000 | 400F1 | | |
| MM-GKR (Sensor-less Servo Series) | | 3000 | 400S1 | | |
| HK-KT_4_W (□60) (J5 Series) | | 3000 | 400S1 | | |
| HK-MT_VW (□60) (J5 Series) | | 3000 | 400S1 | | |
| HK-MT_W (□60) (J5 Series) | | 3000 | 400S1 | | |
| | | | | | |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.

Note 2: The motor power is applicable only to concentric right angle hollow bore type and concentric right angle shaft type reducers (AF3) with precision 1 arc min and 3 arc min specifications. Please be careful.

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------|-----------------------------------|------------------------------------------------|---------------------|------------------|
| 400 | YASKAWA Electric Corporation | SGMAV (Σ-V Series) | 3000 | 400S1 |
| | | SGMJV (Σ-V Series) | 3000 | 400S1 |
| | | SGM7J (Σ-7 Series) | 3000 | 400S1 |
| | | SGM7A (Σ-7 Series) | 3000 | 400S1 |
| | | SGM7P (Σ-7 Series) | 3000 | 400F1 |
| | | SGMXP (Σ-X Series) | 3000 | 400F1 |
| | | SGMXJ (Σ-X Series) | 3000 | 400S1 |
| | | SGMXA (Σ-X Series) | 3000 | 400S1 |
| | Allen Bradley/Rockwell Automation | TLP-A70-040 | 3000 | 400S1 |
| TLP-B70-040 | | 3000 | 400S1 | |
| 500 | Shibaura Machine Co., Ltd. | VLBSV (1500 min ⁻¹) | 1500 | 1000K31 |
| | Delta Electronics, Inc. | ECMA-F | 1500 | 1000K32 (Note 2) |
| | | ECMA-E*13(□130) | 2000 | 1000K32 (Note 2) |
| | FANUC Corporation | βiS 1/6000-B | 6000 | 400S1 |
| | | βiS 1/6000HV-B | 6000 | 400S1 |
| | Mitsubishi Electric Corporation | HK-ST_W (□130) (J5 Series) | 2000 | 1000K33 (Note 2) |
| | | HK-ST_W (□130) (J5 Series) | 1500 | 1000K33 (Note 2) |
| | | HK-ST_4_W (□130) (J5 Series) | 2000 | 1000K33 (Note 2) |
| | | HG-SR 1000 r/min (J4 Series) | 1000 | 2000K33 |
| | | HG-SR 2000 r/min Series (J4 Series) | 2000 | 1000K33 (Note 2) |
| | | HG-SR 2000 r/min (J4 Series) | 2000 | 1000K33 |
| | | MM-CF (Sensor-less Servo Series) | 2000 | 1000K33 |
| | Allen Bradley/Rockwell Automation | TLP-A145-050 | 2000 | 1000K32 |
| | | TLP-B145-050 | 2000 | 1000K32 |
| 550 | Sanyo Denki Co., Ltd. | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 1000K32 |
| | | GAM2AB (G Series/G2/□130/200V AC) | 2000 | 1000K32 (Note 2) |
| | FANUC Corporation | βiS 1.5/6000-B | 6000 | 400S1 |
| | | βiS 1.5/6000HV-B | 6000 | 400S1 |
| 600 | OMRON Corporation | 1S Series R88M-1M (2000 r/min, 400 VAC Input) | 2000 | 1000K21 (Note 1) |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 750S2 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 750S2 |
| | Tamagawa Seiki Co.,Ltd. | TS4613, TSM3303, TSM4303 | 3000 | 750S2 |
| | Mitsubishi Electric Corporation | HK-ST_4_W (□130) (J5 Series) (200 V amplifier) | 1000 | 2000K33 |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.

Note 2: The motor power is applicable only to concentric right angle hollow bore type and concentric right angle shaft type reducers (AF3) with precision 1 arc min and 3 arc min specifications. Please be careful.

Motor Matching /
Motor Power Design List

APC/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AFC Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------|------------------------------------------------|--------------------------------------------------------------|---------------------|------------------|
| 750 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 750S3 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 750S3 |
| | | 1S Series R88M-1M (3000 r/min, 200 VAC) | 3000 | 750S3 |
| | KEYENCE Corporation | SV Series | 3000 | 750S2 |
| | | SV2 Series | 3000 | 750S2 |
| | Kinco | SMC (G2 Series) | 3000 | 750S2 |
| | | SMC (G1 Series) | 3000 | 750S2 |
| | Sanyo Denki Co., Ltd. | R2AA08 (R Series/R2/□80/200 VAC) | 3000 | 750S1 |
| | | R2AA10 (R Series/R2/□100/200 VAC) | 3000 | 1000K22 (Note 2) |
| | | R5AA08 (R Series/R5/□80/200 VAC) | 3000 | 750S1 |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 3000 | 1000K22 (Note 2) |
| | | R1AA08 (R Series/R1/□80/200 VAC) | 3000 | 750S1 |
| | | GAM1A8 (G Series/G1/□80/200V AC) | 3000 | 750S1 |
| | | GAM2A8 (G Series/G2/□80/200V AC) | 3000 | 750S1 |
| | | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 1000K22 (Note 2) |
| | KOYO ELECTRONICS INDUSTRIES CO., LTD. | KSV-B3 | 3000 | 750S2 |
| | CKD Nikki Denso Co., Ltd. | NA80 Series | 3000 | 750S2 |
| | Shibaura Machine Co., Ltd. | VLBSV-ZA (3000 min ⁻¹) | 3000 | 750S2 |
| | Tamagawa Seiki Co.,Ltd. | TS4614, TSM3304, TSM4304 | 3000 | 750S2 |
| | Delta Electronics, Inc. | ECMA-C*08(□80) | 3000 | 750S2 |
| | | ECMA-C-H | 3000 | 750S2 |
| | | ECM-A3L-C*080(□80) | 3000 | 750S2 |
| | | ECM-A3H-C*080(□80) | 3000 | 750S2 |
| | | ECM-B3M-C*080(□80) | 3000 | 750S2 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 750S3 |
| | | MHMD (MINAS A5 Series) | 3000 | 750S3 |
| | | MSMF (MINAS A6 Series) | 3000 | 750S3 |
| | | MHMF (MINAS A6 Series) | 3000 | 750S3 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADMA Series | 3000 | 750S2 (Note 1) |
| | FANUC Corporation | βis4/4000 | 3000 | 750S6 (Note 2) |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 750S1 |
| | | GYS (ALPHA7 Series) | 3000 | 750S1 |
| | | GYB (ALPHA7 Series) | 3000 | 750S2 |
| | Mitsubishi Electric Corporation | HG-KR (J4 Series, JN Series) | 3000 | 750S2 |
| | | HG-MR (J4 Series) | 3000 | 750S2 |
| | | HK-KT_W (□80) (J5 Series) | 3000 | 750S2 |
| | | HK-KT_4_W (□80) (J5 Series) | 3000 | 750S2 |
| | | MM-GKR (Sensor-less Servo Series) | 3000 | 750S2 |
| | | HK-MT_VW (□80) (J5 Series) | 3000 | 750S2 |
| | | HK-MT_W (□80) (J5 Series) | 3000 | 750S2 |
| | | SGMAV (Σ-V Series) | 3000 | 750S2 |
| | YASKAWA Electric Corporation | SGMJV (Σ-V Series) | 3000 | 750S2 |
| | | SGM7J (Σ-7 Series) | 3000 | 750S2 |
| | | SGM7A (Σ-7 Series) | 3000 | 750S2 |
| | | SGM7P (Σ-7 Series) | 3000 | 750F2 |
| | | SGMXP (Σ-X Series) | 3000 | 750F2 |
| | | SGMXP (Σ-X Series) | 3000 | 1000K31 (Note 2) |
| | | SGMXJ (Σ-X Series) | 3000 | 750S2 |
| | | SGMXA (Σ-X Series) | 3000 | 750S2 |
| | | TLP-A090-075 | 3000 | 750S2 |
| TLP-B090-075 | | 3000 | 750S2 | |
| 800 | Shibaura Machine Co., Ltd. | VLBST (1500 min ⁻¹) | 1500 | 2000K31 |
| 850 | Panasonic Corporation | MGMF (MINAS A6 Series) | 1500 | 2000K32 |
| | YASKAWA Electric Corporation | SGM7G 1500 r/min (Σ-7 Series) | 1500 | 2000F33 |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.

Note 2: The motor power is applicable only to concentric right angle hollow bore type and concentric right angle shaft type reducers (AF3) with precision 1 arc min and 3 arc min specifications. Please be careful.

Motor Matching / Motor Power Design List

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|-----------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------|------------------|
| 1000 | OMRON Corporation | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 1000K21 (Note 2) |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 1000K21 (Note 2) |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 1000K21 (Note 2) |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 1000K21 (Note 2) |
| | | G Series R88M-G (Cylinder Type 2000 r/min) | 2000 | 2000K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 200 VAC Input) | 2000 | 2000K32 |
| | | G5 Series R88M-K (Cylinder Type 2000 r/min, 400 VAC Input) | 2000 | 2000K32 |
| | | 1S Series R88M-1M (2000 r/min, 200 VAC Input) | 2000 | 2000K32 |
| | | 1S Series R88M-1M (2000 r/min, 400 VAC Input) | 2000 | 2000K32 |
| | Sanyo Denki Co., Ltd. | R2AA10 (R Series/R2/□100/200 VAC) | 3000 | 1000K22 (Note 2) |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 3000 | 1000K22 (Note 2) |
| | | GAM1AA (G Series/G1/□100/200V AC) | 3000 | 1000K22 (Note 2) |
| | | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 1000K22 (Note 2) |
| | Shibaura Machine Co., Ltd. | VLBSV (3000 min ⁻¹) | 3000 | 1000K31 (Note 2) |
| | | VLBSV (1500 min ⁻¹) | 1500 | 2000K31 |
| | Tamagawa Seiki Co., Ltd. | VLBST (1500 min ⁻¹) | 1500 | 2000K31 |
| | | TS4813 | 3000 | 1000K22 (Note 2) |
| | Delta Electronics, Inc. | ECMA-C*10(□100) | 3000 | 1000K22 |
| | | ECMC-C | 3000 | 1000K22 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 1000K21 (Note 2) |
| | | MSMF (MINAS A6 Series) | 3000 | 1000K21 (Note 2) |
| | | MDME (MINAS A5 Series) | 2000 | 2000K32 |
| | | MHMF (MINAS A5 Series) | 2000 | 2000K32 |
| | | MDMF (MINAS A6 Series) | 2000 | 2000K32 |
| | | MHMF (MINAS A6 Series) | 2000 | 2000K32 |
| | Hitachi Industrial Equipment Systems Co., Ltd. | ADME Series | 2000 | 2000F33 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 1000K23 (Note 2) |
| | | GYC (ALPHA5 Series) | 3000 | 1000K33 (Note 2) |
| | | GYS (ALPHA7 Series) | 3000 | 1000K23 (Note 2) |
| | Mitsubishi Electric Corporation | HG-RR (J4 Series) | 3000 | 1000K23 (Note 2) |
| HG-SR 2000 r/min (J4 Series) | | 2000 | 2000K33 | |
| HK-ST_W (□130) (J5 Series) | | 2000 | 2000K33 | |
| HK-ST_W (□130) (J5 Series) | | 1500 | 2000K33 | |
| HK-ST_4_W (□130) (J5 Series) | | 2000 | 2000K33 | |
| HK-ST_W (□130) (J5 Series) | | 2000 | 2000F33 | |
| MM-CF (Sensor-less Servo Series) | | 2000 | 2000K33 | |
| MM-CF (Sensor-less Servo Series) | 2000 | 2000F33 | | |
| Allen Bradley/Rockwell Automation | TLP-A115-100 | 3000 | 1000K22 | |
| | TLP-B115-100 | 3000 | 1000K22 | |
| 1200 | Sanyo Denki Co., Ltd. | R2AA13 | 2000 | 2000K32 |
| | | R2CA13 (R Series/R2/□130/400 VAC) | 2000 | 2000K32 |
| | | R2CA10 (R Series/R2/□100/400 VAC) | 2000 | 2000K32 |
| | | GAM2AB (G Series/G2/□130/200V AC) | 2000 | 2000K32 |
| | FANUC Corporation | βiF 8/2000-B | 2000 | 2000F31 |
| | | βiS 8/3000HV-B | 2000 | 2000F31 |
| | | βiSc 8/3000-B | 2000 | 2000F31 |
| βiSc 8/3000HV-B | 2000 | 2000F31 | | |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.

Note 2: The motor power is applicable only to concentric right angle hollow bore type and concentric right angle shaft type reducers (AF3) with precision 1 arc min and 3 arc min specifications. Please be careful.

Motor Matching /
Motor Power Design List

APC/AG3 Type
Parallel Shaft

AH2 Type
Right Angle Shaft

AF3 Type
Right Angle Hollow Bore/
Right Angle Shaft

AF3 Type
Concentric Right Angle Hollow Bore/
Concentric Right Angle Shaft

Technical Documentation

Option

| Motor Power (W) | Manufacturer | Type | Rated Speed (r/min) | Flange Type |
|---------------------------------|---------------------------------|--------------------------------------------------------------|---------------------|-------------|
| 1500 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | Kinco | SMC (G1 Series) | 3000 | 2000K32 |
| | Sanyo Denki Co., Ltd. | GAM1AA (G Series/G1/□100/200V AC) | 3000 | 2000K22 |
| | | GAM2AA (G Series/G2/□100/200V AC) | 3000 | 2000K22 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 2000K21 |
| | | MSMF (MINAS A6 Series) | 3000 | 2000K21 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 2000K23 |
| | | GYC (ALPHA5 Series) | 3000 | 2000K33 |
| | | GYS (ALPHA7 Series) | 3000 | 2000K23 |
| | Mitsubishi Electric Corporation | HG-RR (J4 Series) | 3000 | 2000K23 |
| YASKAWA Electric Corporation | SGM7P (Σ-7 Series) | 3000 | 2000K31 | |
| | SGMXP (Σ-X Series) | 3000 | 2000K31 | |
| 1600 | FANUC Corporation | aiF 8/3000-B | 3000 | 2000F31 |
| | | aiF 8/3000HV-B | 3000 | 2000F31 |
| 1800 | Shibaura Machine Co., Ltd. | VLBSV (3000 min ⁻¹) | 3000 | 2000K31 |
| | | VLBST (3000 min ⁻¹) | 3000 | 2000K31 |
| 2000 | OMRON Corporation | G Series R88M-G (Cylinder Type 3000 r/min) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 100 VAC/200 VAC) | 3000 | 2000K21 |
| | | G5 Series R88M-K (Cylinder Type 3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 200 VAC) | 3000 | 2000K21 |
| | | 1S Series R88M-1L (3000 r/min, 400 VAC) | 3000 | 2000K21 |
| | Panasonic Corporation | MSME (MINAS A5 Series) | 3000 | 2000K21 |
| | | MSMF (MINAS A6 Series) | 3000 | 2000K21 |
| | FANUC Corporation | βis8/3000 | 3000 | 2000F31 |
| | | ais8/6000 | 3000 | 2000F31 |
| | Fuji Electric Co., Ltd. | GYS (ALPHA5 Series) | 3000 | 2000K23 |
| GYC (ALPHA5 Series) | | 3000 | 2000K33 | |
| GYS (ALPHA7 Series) | | 3000 | 2000K23 | |
| Mitsubishi Electric Corporation | HG-RR (J4 Series) | 3000 | 2000K23 | |
| 2200 | FANUC Corporation | aiF 8/4000-B | 4000 | 2000F31 |
| | | aiF 8/4000HV-B | 4000 | 2000F31 |

Note 1: The dimensions of the square flange of the servo motor and the dimensions of the servo motor mounting square flange are different.

Note 2: The motor power is applicable only to concentric right angle hollow bore type and concentric right angle shaft type reducers (AF3) with precision 1 arc min and 3 arc min specifications. Please be careful.