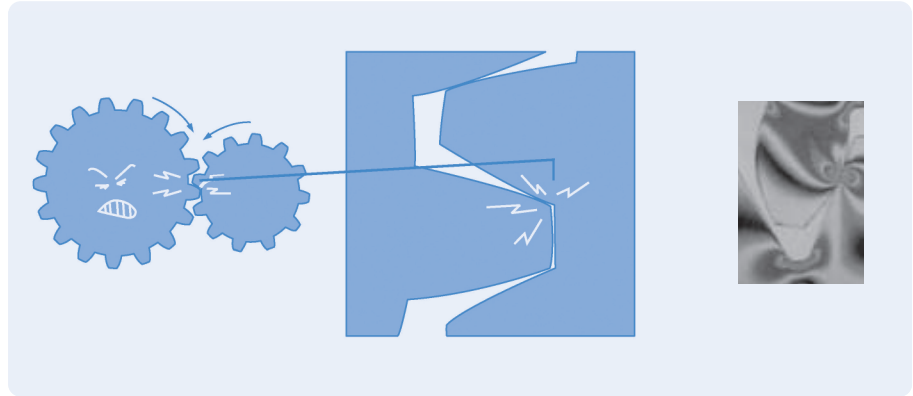


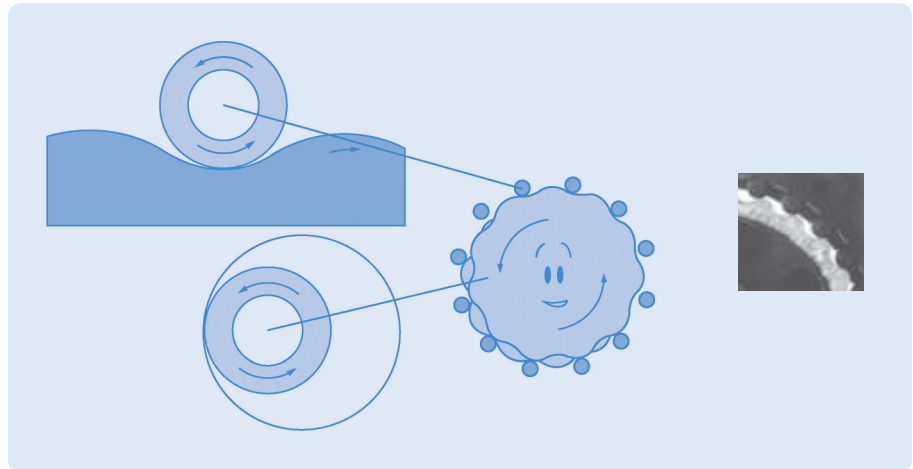
01 인볼류트 기어

맞물림율이 적기 때문에
충격하중이 발생하면
1~2개의 톱니에
충격이 집중됩니다.



02 CYCLO감속기

매끄러운 굴림접촉
맞물림율이 인볼류트
기어보다 2~3배 높고,
충격하중이 발생하여도
많은 톱니에서 분산
흡수하므로, 강하고
긴 수명의 감속기입니다.



효율이 높아 경제적이다. Overall Economy.

높은 고효율을 얻을 수 있어 타 감속기보다 경제적입니다.

Competitive initial cost, high reliability, long life and minimal maintenance give CYCLOID speed reducers superior overall economy when compared to conventional gearboxes.

소형 경량이다. Compact Size.

1단에서 1/6 ~ 1/119의 감속과 2단, 3단으로 수천에서 수십만 분의 1 감속을 할 수 있어 소형이고 경량화 하였습니다.

Single stage reduction ratios are available from 6 : 1 to 119 : 1, double stage up to 7,569 : 1 and triple stage up to almost 1,000,000 : 1. Fewer stages provide a much smaller footprint and envelope.

운전이 원활하고 소음이 적다. Low Noise.

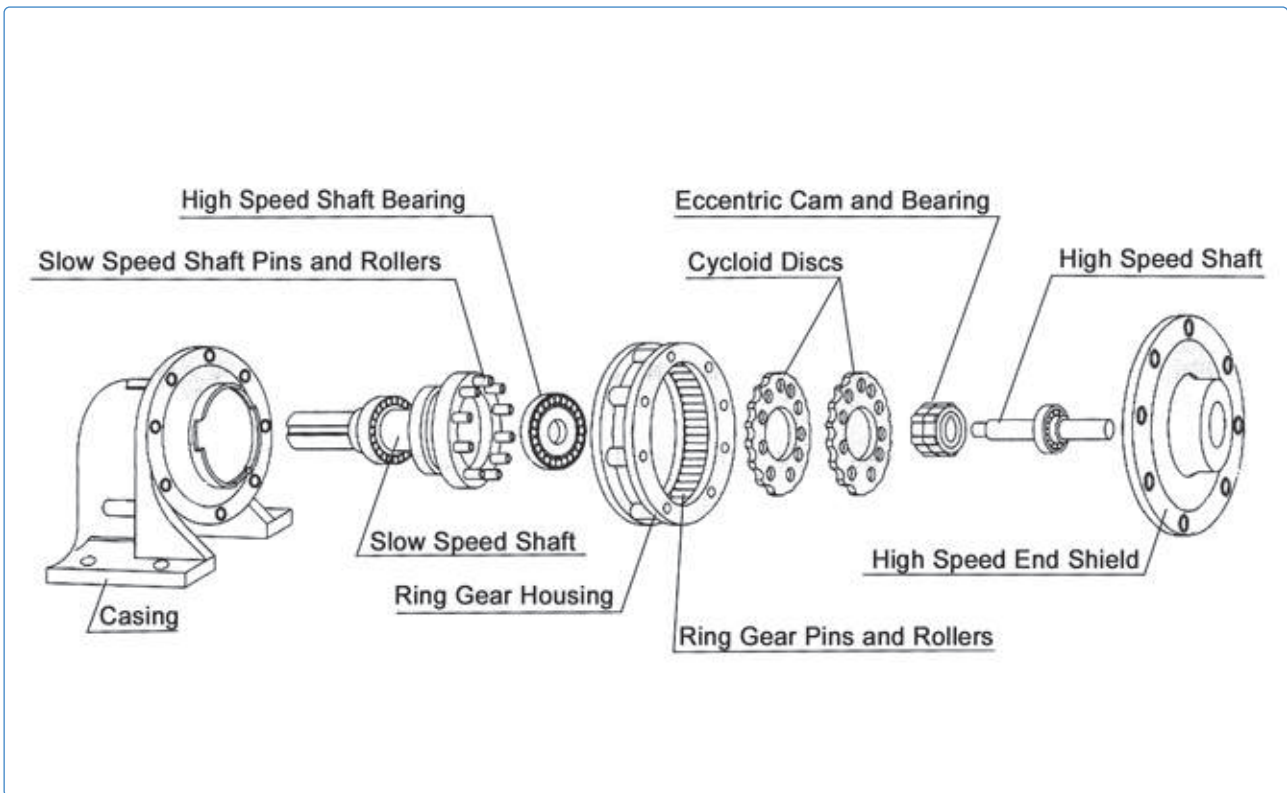
치면이 구름 접촉을 하고, 치면을 정밀 연삭 하여 운전이 원활하고 소음 진동이 적습니다.

When compared with the sliding tooth contact of conventional gearing, the rolling contact of the CYCLOID system reduces noise levels.

기종이 다양하고 보전작업이 용이하다. Maintenance Free Durability.

용도에 따라 다양한 취부 형태의 부품이 표준화되어 있어 선택의 폭이 크고, 표준화된 부품과 간단한 구조로 보전 작업이 용이 합니다.

Because of various mounting types of parts as per application, that have already been standardized, it can take a wide room for selection, and it keeps easy maintenance with standard parts and simple structure.



A

B

C

D

E

F

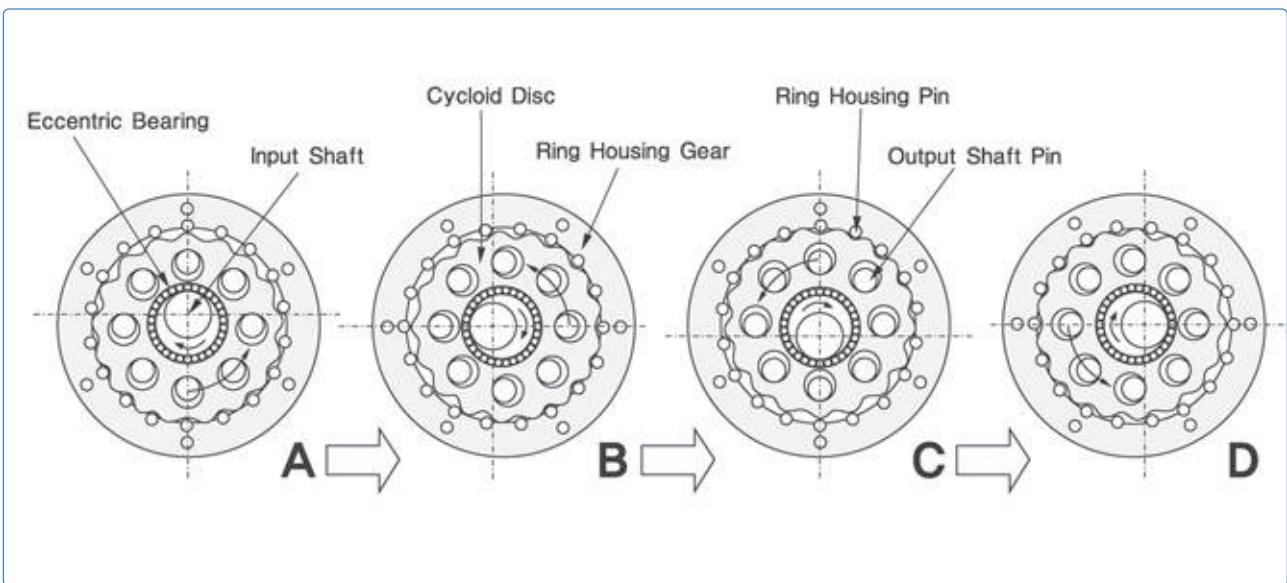
G

사이크로이드 치형 감속기의 구성은 아래 그림의 부품으로 구성 되어 있다.

- 입력부는 입력축 또는 모터축에 편심캠, 베어링, 오일씰
- 감속부는 곡선판, 링기어하우징, 핀, 롤러
- 출력부는 출력샤프트, 베어링, 케이스로 구성된다.

The cycloidal design basically has three major components.

- Input shaft assembly (high speed) with eccentric cam, roller bearing and oil seals.
- Cycloid disc, Ringgear Housing, Pin, Bush
- Output shaft assembly (slow speed) with support bearings and case.



감속원리는 입력축에 전달된 토크는 편심캠의 운동으로 회전하고 그 운동으로 링기어 하우징의 내부 곡선판을 회전 시킨다. 링기어 하우징에 고정되어 있는 핀과 접촉하는 곡선판의 회전에 의해 출력축이 반대 방향으로 회전하게 된다. 편심캠 1회전시 곡선판 1개 잇수만큼 이동하게 되고, 곡선판 내부 홈에 삽입되어 있는 출력축 고정핀에 의하여 출력축이 회전하면서 감속된 회전수를 얻을 수 있다.

(Torque transmitted to the high-speed shaft rotates the eccentric cam and roller bearing assembly, and rolls the cycloid discs around the internal circumference of the stationary ring gear housing. The teeth of the cycloid discs contact the pins of the stationary ring gear, producing a reverse rotation at a reduced speed.

Each rotation of the high-speed shaft advances the cycloid discs a distance of one tooth pitch in the opposite direction. The reduced rotation of cycloid discs is transmitted to the output shaft assembly by means of drive pins and rollers that are projected through holes located around the bore of the cycloid discs.)

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 6 | 0.2 | 1/4 | 250 | 0.72 | 140 | 2.00 | 300 | 0.60 | 130 | 1.80 | 02-8808-6 |
| | 0.4 | 1/2 | | 1.44 | 140 | 1.00 | | 1.20 | 130 | 1.05 | 05-8808-6 |
| | 0.75 | 1 | | 2.70 | 262 | 3.32 | | 2.25 | 248 | 3.35 | 05-8809-6 |
| | | | | | 262 | 1.77 | | | 248 | 1.79 | 1-8809-6 |
| | 1.5 | 2 | | 5.40 | 415 | 2.95 | | 4.50 | 390 | 3.01 | 1-8810-6 |
| | | | | | 415 | 1.47 | | | 390 | 1.51 | 2-8810-6 |
| | 2.2 | 3 | | 7.92 | 516 | 3.31 | | 6.60 | 487 | 3.25 | 2-8811-6 |
| | | | | | 415 | 1.00 | | | 390 | 1.03 | 3-8810-6 |
| | 3.7 | 5 | | 13.3 | 516 | 2.25 | | 11.1 | 487 | 2.22 | 3-8811-6 |
| | | | | | 516 | 1.34 | | | 487 | 1.32 | 5-8811-6 |
| | 5.5 | 7.5 | | 19.8 | 519 | 1.79 | | 16.5 | 487 | 1.83 | 5-8812-6 |
| | | | | | 601 | 2.69 | | | 568 | 2.69 | 5-8813-6 |
| | 7.5 | 10 | | 27.0 | 519 | 1.20 | | 22.5 | 487 | 1.23 | 8-8812-6 |
| | | | | | 601 | 1.81 | | | 568 | 1.81 | 8-8813-6 |
| | 11 | 15 | | 39.6 | 601 | 1.33 | | 33.0 | 568 | 1.33 | 10-8813-6 |
| | | | | | 601 | 1.73 | | | 568 | 1.33 | 10-8815-6 |
| 15 | 20 | 54.0 | 940 | 1.73 | 45.0 | 890 | 1.73 | 10-8816-6 | | | |
| | | | 975 | 1.95 | | 920 | 1.95 | 10-8816-6 | | | |
| 18.5 | 25 | 66.6 | 940 | 1.18 | 55.5 | 890 | 1.18 | 15-8815-6 | | | |
| | | | 975 | 1.33 | | 920 | 1.33 | 15-8816-6 | | | |
| | | | 1152 | 1.94 | | 1081 | 2.04 | 15-8817-6 | | | |
| | | | 54.0 | 1.43 | | 1081 | 1.50 | 20-8817-6 | | | |
| | | | 66.6 | 1.16 | | 1081 | 1.21 | 25-8817-6 | | | |
| 8 | 0.2 | 1/4 | 188 | 0.96 | 154 | 2.00 | 225 | 0.80 | 145 | 2.00 | 02-8808-8 |
| | 0.4 | 1/2 | | 1.92 | 154 | 1.00 | | 1.60 | 145 | 1.00 | 05-8808-8 |
| | 0.75 | 1 | | 3.60 | 289 | 3.38 | | 3.30 | 272 | 3.35 | 05-8809-8 |
| | | | | | 289 | 1.80 | | | 272 | 1.79 | 1-8809-8 |
| | 1.5 | 2 | | 7.20 | 455 | 3.63 | | 6.00 | 429 | 3.68 | 1-8810-8 |
| | | | | | 455 | 1.81 | | | 429 | 1.84 | 2-8810-8 |
| | 2.2 | 3 | | 10.6 | 570 | 3.34 | | 8.80 | 537 | 3.34 | 2-8811-8 |
| | | | | | 455 | 1.24 | | | 429 | 1.25 | 3-8810-8 |
| | 3.7 | 5 | | 17.8 | 570 | 2.28 | | 14.8 | 537 | 2.28 | 3-8811-8 |
| | | | | | 570 | 1.36 | | | 537 | 1.35 | 5-8811-8 |
| | 5.5 | 7.5 | | 26.4 | 571 | 1.84 | | 22.0 | 540 | 1.83 | 5-8812-8 |
| | | | | | 659 | 2.70 | | | 624 | 2.70 | 5-8813-8 |
| | 7.5 | 10 | | 36.0 | 570 | 1.24 | | 30.0 | 540 | 1.23 | 8-8812-8 |
| | | | | | 659 | 1.82 | | | 624 | 1.82 | 8-8813-8 |
| | 11 | 15 | | 52.8 | 659 | 1.33 | | 44.0 | 624 | 1.33 | 10-8813-8 |
| | | | | | 1030 | 1.73 | | | 975 | 1.72 | 10-8815-8 |
| 15 | 20 | 72.0 | 1072 | 2.37 | 60.0 | 1010 | 2.39 | 10-8816-8 | | | |
| | | | 1030 | 1.18 | | 975 | 1.17 | 15-8815-8 | | | |
| | | | 1072 | 1.62 | | 1012 | 1.63 | 15-8816-8 | | | |
| | | | 1072 | 1.19 | | 1012 | 1.19 | 20-8816-8 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|-----------------------|--------------------------|--|------|-----------------------|--------------------------|--|------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 11 | 0.2 | 1/4 | 136 | 1.32 | 101 | 1.20 | 164 | 1.10 | 92 | 1.20 | 02-8807-11 |
| | | | | | 170 | 2.00 | | | 161 | 2.00 | 02-8808-11 |
| | 0.4 | 1/2 | | 2.64 | 170 | 1.00 | | 161 | 1.00 | 05-8808-11 | |
| | | | | | 325 | 3.05 | | 309 | 3.02 | 05-8809-11 | |
| | 0.75 | 1 | | 4.95 | 325 | 1.63 | | 309 | 1.61 | 1-8809-11 | |
| | | | | | 506 | 3.62 | | 476 | 3.60 | 1-8810-11 | |
| | 1.5 | 2 | | 9.90 | 506 | 1.81 | | 476 | 1.80 | 2-8810-11 | |
| | | | | | 634 | 3.35 | | 597 | 3.32 | 2-8811-11 | |
| | 2.2 | 3 | | 14.5 | 506 | 1.24 | | 476 | 1.23 | 3-8810-11 | |
| | | | | | 634 | 2.29 | | 597 | 2.26 | 3-8811-11 | |
| | 3.7 | 5 | | 24.4 | 634 | 1.36 | | 597 | 1.34 | 5-8811-11 | |
| | | | | | 735 | 2.62 | | 692 | 2.64 | 5-8813-11 | |
| | 5.5 | 7.5 | | 36.3 | 735 | 1.76 | | 692 | 1.78 | 8-8813-11 | |
| | | | | | 735 | 1.29 | | 692 | 1.30 | 10-8813-11 | |
| | 7.5 | 10 | | 49.5 | 968 | 1.31 | | 916 | 1.32 | 10-8814-11 | |
| | | | | | 1131 | 1.73 | | 1070 | 1.72 | 10-8815-11 | |
| | | | | | 1198 | 2.41 | | 1122 | 2.37 | 10-8816-11 | |
| | 11 | 15 | | 72.6 | 1131 | 1.18 | | 1070 | 1.17 | 15-8815-11 | |
| | | | | | 1198 | 1.64 | | 1122 | 1.62 | 15-8816-11 | |
| | 15 | 20 | | 99.0 | 1198 | 1.21 | | 1122 | 1.19 | 20-8816-11 | |
| 1407 | | | 1.80 | | 1322 | 1.79 | 20-8817-11 | | | | |
| 1888 | | | 2.15 | | 1780 | 2.16 | 20-8818-11 | | | | |
| 18.5 | 25 | 122 | 1407 | 1.46 | 1322 | 1.45 | 25-8817-11 | | | | |
| | | | 1888 | 1.74 | 1780 | 1.75 | 25-8818-11 | | | | |
| 22 | 30 | 145 | 1407 | 1.23 | 1322 | 1.22 | 30-8817-11 | | | | |
| | | | 1888 | 1.47 | 1780 | 1.47 | 30-8818-11 | | | | |
| | | | 2647 | 1.97 | 2481 | 1.97 | 30-8819-11 | | | | |
| 30 | 40 | 198 | 1888 | 1.08 | 1780 | 1.08 | 40-8818-11 | | | | |
| | | | 2647 | 1.44 | 2481 | 1.44 | 40-8819-11 | | | | |
| | | | 3420 | 1.92 | 3242 | 1.93 | 40-8820-11 | | | | |
| 37 | 50 | 244 | 2647 | 1.17 | 2481 | 1.17 | 50-8819-11 | | | | |
| | | | 3420 | 1.56 | 3242 | 1.56 | 50-8820-11 | | | | |
| | | | 4360 | 1.89 | 4132 | 1.88 | 50-8821-11 | | | | |
| 45 | 60 | 297 | 3420 | 1.28 | 3242 | 1.28 | 60-8820-11 | | | | |
| | | | 4367 | 1.55 | 4132 | 1.55 | 60-8821-11 | | | | |
| | | | 4592 | 2.14 | 4350 | 2.13 | 60-8822-11 | | | | |
| 55 | 75 | 363 | 4367 | 1.27 | 4132 | 1.26 | 75-8821-11 | | | | |
| | | | 4592 | 1.75 | 4350 | 1.74 | 75-8822-11 | | | | |
| 75 | 100 | 495 | 4592 | 1.29 | 412 | 4350 | 1.28 | 100-8822-11 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|-----------------------|--------------------------|--|------|-----------------------|--------------------------|--|------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 13 | 0.2 | 1/4 | 115 | 1.56 | 107 | 1.20 | 138 | 1.30 | 100 | 1.20 | 02-8807-13 |
| | | | | | 177 | 2.00 | | | 170 | 2.00 | 02-8808-13 |
| | 0.4 | 1/2 | | 3.12 | 177 | 1.00 | | 170 | 1.00 | 05-8808-13 | |
| | | | | | 334 | 3.00 | | 325 | 3.00 | 05-8809-13 | |
| | 0.75 | 1 | | 5.85 | 334 | 1.60 | | 325 | 1.60 | 1-8809-13 | |
| | | | | | 534 | 3.54 | | 505 | 3.52 | 1-8810-13 | |
| | 1.5 | 2 | | 11.7 | 534 | 1.77 | | 505 | 1.76 | 2-8810-13 | |
| | | | | | 670 | 3.25 | | 634 | 3.24 | 2-8811-13 | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|-----------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 13 | 2.2 | 3 | 115 | 17.2 | 534 | 1.21 | 138 | 14.3 | 505 | 1.20 | 3-8810-13 |
| | | | | | 670 | 2.22 | | | 634 | 2.21 | 6-8811-13 |
| | 3.7 | 5 | | 28.9 | 670 | 1.32 | | 634 | 1.31 | 5-8811-13 | |
| | | | | | 670 | 1.35 | | 634 | 1.35 | 5-8812-13 | |
| | | | | | 775 | 2.49 | | 736 | 2.50 | 5-8813-13 | |
| | 5.5 | 7.5 | | 42.9 | 775 | 1.67 | | 35.8 | 736 | 1.68 | 8-8813-13 |
| | 7.5 | 10 | | 58.5 | 775 | 1.23 | | 48.8 | 736 | 1.23 | 10-8813-13 |
| | | | | | 1190 | 1.37 | | | 1131 | 1.36 | 10-8815-13 |
| | | | | | 1260 | 2.27 | | | 1197 | 2.27 | 10-8816-13 |
| | 11 | 15 | | 85.8 | 1260 | 1.54 | | 71.5 | 1197 | 1.54 | 15-8816-13 |
| | | | | | 1478 | 2.43 | | | 1407 | 2.44 | 15-8817-13 |
| | 15 | 20 | | 117 | 1260 | 1.13 | | 97.5 | 1197 | 1.13 | 20-8816-13 |
| | | | | | 1478 | 1.78 | | | 1407 | 1.78 | 20-8817-13 |
| | | | | | 1995 | 2.21 | | | 1884 | 2.20 | 20-8818-13 |
| | 18.5 | 25 | | 144 | 1478 | 1.44 | | 120 | 1407 | 1.45 | 25-8817-13 |
| | | | | | 1995 | 1.79 | | | 1884 | 1.78 | 25-8818-13 |
| | 22 | 30 | | 172 | 1478 | 1.21 | | 143 | 1407 | 1.22 | 30-8817-13 |
| | | | | | 1995 | 1.50 | | | 1884 | 1.50 | 30-8818-13 |
| 2793 | | | 1.81 | | 2632 | 1.92 | 30-8819-13 | | | | |
| 30 | 40 | 234 | 1995 | 1.10 | 195 | 1884 | 1.10 | 40-8818-13 | | | |
| | | | 2793 | 1.33 | | 2632 | 1.41 | 40-8819-13 | | | |
| 37 | 50 | 289 | 2793 | 1.08 | 241 | 2632 | 1.14 | 50-8819-13 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 15 | 0.2 | 1/4 | 100 | 1.80 | 110 | 1.20 | 120 | 1.50 | 106 | 1.20 | 02-8807-15 |
| | | | | | 180 | 2.00 | | | 179 | 2.00 | 02-8808-15 |
| | 0.4 | 1/2 | | 3.60 | 180 | 1.00 | | 3.00 | 179 | 1.00 | 05-8808-15 |
| | | | | | 340 | 2.62 | | | 335 | 2.00 | 05-8809-15 |
| | 0.75 | 1 | | 6.75 | 340 | 1.40 | | 5.62 | 335 | 1.39 | 1-8809-15 |
| | | | | | 550 | 3.65 | | | 528 | 3.63 | 1-8810-15 |
| | 1.5 | 2 | | 13.5 | 550 | 1.83 | | 11.3 | 528 | 1.81 | 2-8810-15 |
| | | | | | 705 | 3.23 | | | 662 | 3.21 | 2-8811-15 |
| | 2.2 | 3 | | 19.8 | 550 | 1.24 | | 16.5 | 528 | 1.24 | 3-8810-15 |
| | | | | | 705 | 2.20 | | | 662 | 2.19 | 3-8811-15 |
| | 3.7 | 5 | | 33.3 | 705 | 1.31 | | 27.8 | 662 | 1.30 | 5-8811-15 |
| | | | | | 705 | 1.34 | | | 662 | 1.34 | 5-8812-15 |
| | | | | | 818 | 2.06 | | | 765 | 2.05 | 5-8813-15 |
| | 5.5 | 7.5 | | 49.5 | 818 | 1.39 | | 41.2 | 765 | 1.38 | 8-8813-15 |
| | | | | | 1060 | 1.66 | | | 1010 | 1.66 | 8-8814-15 |
| | 7.5 | 10 | | 67.5 | 818 | 1.02 | | 56.2 | 765 | 1.01 | 10-8813-15 |
| | | | | | 1060 | 1.22 | | | 1010 | 1.22 | 10-8814-15 |
| | | | | | 1241 | 1.32 | | | 1170 | 1.32 | 10-8815-15 |
| | | | | | 1333 | 1.97 | | | 1240 | 1.99 | 10-8816-15 |
| | 11 | 15 | | 99.0 | 1333 | 1.36 | | 82.5 | 1240 | 1.26 | 15-8816-15 |
| | | | | | 1565 | 2.08 | | | 1470 | 2.07 | 20-8817-15 |
| | 15 | 20 | | 135 | 1333 | 1.00 | | 113 | 1240 | 1.00 | 20-8816-15 |
| | | | | | 1565 | 1.53 | | | 1470 | 1.52 | 20-8817-15 |
| | | | | | 2100 | 2.02 | | | 1970 | 2.00 | 20-8818-15 |
| 18.5 | 25 | 167 | 1565 | 1.24 | 139 | 1470 | 1.23 | 25-8817-15 | | | |
| | | | 2100 | 1.64 | | 1970 | 1.62 | 25-8818-15 | | | |
| 22 | 30 | 198 | 1565 | 1.04 | 165 | 1470 | 1.04 | 30-8817-15 | | | |
| | | | 2100 | 1.38 | | 1970 | 1.36 | 30-8818-15 | | | |
| | | | 2940 | 1.94 | | 2750 | 1.93 | 30-8819-15 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|-------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 15 | 30 | 40 | 100 | 270 | 2090 | 1.01 | 120 | 225 | 1970 | 1.00 | 40-8818-15 |
| | | | | | 2930 | 1.42 | | | 2750 | 1.42 | 40-8819-15 |
| | | | | | 3760 | 1.94 | | | 3560 | 1.94 | 40-8820-15 |
| | 2930 | 1.15 | | | 2750 | 1.15 | | | 50-8819-15 | | |
| | 3760 | 1.57 | | | 3560 | 1.57 | | | 50-8820-15 | | |
| | 4790 | 1.93 | | | 4530 | 1.92 | | | 50-8821-15 | | |
| | 37 | 50 | | 333 | 3760 | 1.29 | | 3560 | 1.29 | 60-8820-15 | |
| | | | | | 4790 | 1.58 | | 4530 | 1.58 | 60-8821-15 | |
| | | | | | 5040 | 2.00 | | 4770 | 2.00 | 60-8822-15 | |
| | 45 | 60 | | 405 | 4790 | 1.30 | | 4530 | 1.29 | 75-8821-15 | |
| | | | | | 5040 | 1.64 | | 4770 | 1.64 | 75-8822-15 | |
| | | | | | 675 | 1.20 | | 562 | 1.20 | 100-8822-15 | |
| | 55 | 75 | | 495 | 4790 | 1.30 | | 4530 | 1.29 | 75-8821-15 | |
| | 75 | 100 | | 675 | 5040 | 1.64 | | 4770 | 1.64 | 75-8822-15 | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | | |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|------|------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | | |
| 17 | 0.2 | 1/4 | 88 | 2.04 | 110 | 1.20 | 106 | 1.72 | 109 | 1.20 | 02-8807-17 | | |
| | | | | | 180 | 2.00 | | | 179 | 2.00 | 02-8808-17 | | |
| | 0.4 | 1/2 | | | 4.08 | 180 | | | 1.00 | 3.40 | 179 | 1.00 | 05-8808-17 |
| | | | | | | 340 | | | 2.68 | | 339 | 2.72 | 05-8809-17 |
| | 0.75 | 1 | | | 7.65 | 340 | | | 1.43 | 6.38 | 339 | 1.45 | 1-8809-17 |
| | | | | | | 550 | | | 2.79 | | 550 | 2.73 | 1-8810-17 |
| | 1.5 | 2 | | 15.3 | 550 | 1.39 | | 12.8 | 550 | 1.37 | 2-8810-17 | | |
| | | | | | 733 | 3.12 | | | 690 | 3.07 | 2-8811-17 | | |
| | 2.2 | 3 | | 22.4 | 733 | 2.13 | | 18.7 | 690 | 2.09 | 3-8811-17 | | |
| | | | | | 733 | 1.26 | | | 690 | 1.24 | 5-8811-17 | | |
| | 3.7 | 5 | | 37.7 | 734 | 1.34 | | 31.4 | 690 | 1.34 | 5-8812-17 | | |
| | | | | | 850 | 1.90 | | | 795 | 1.91 | 5-8813-17 | | |
| | | | | | 850 | 1.28 | | | 795 | 1.28 | 8-8813-17 | | |
| | 5.5 | 7.5 | | 56.1 | 1100 | 1.65 | | 46.8 | 1040 | 1.64 | 8-8814-17 | | |
| | | | | | 1100 | 1.21 | | | 1040 | 1.20 | 10-8814-17 | | |
| | 7.5 | 10 | | 76.5 | 1380 | 2.00 | | 63.8 | 1310 | 1.99 | 10-8816-17 | | |
| | | | | | 1380 | 1.36 | | | 1310 | 1.35 | 15-8816-17 | | |
| | 11 | 15 | | 112 | 1620 | 1.75 | | 93.5 | 1532 | 1.75 | 15-8817-17 | | |
| | | | | | 1380 | 1.00 | | | 1310 | 1.00 | 20-8816-17 | | |
| | 15 | 20 | | 153 | 1620 | 1.29 | | 128 | 1532 | 1.29 | 20-8817-17 | | |
| | | | | | 2180 | 2.00 | | | 2050 | 1.99 | 20-8818-17 | | |
| | | | | | 1620 | 1.04 | | | 1532 | 1.04 | 25-8817-17 | | |
| | 18.5 | 25 | | 189 | 2180 | 1.62 | | 157 | 2050 | 1.61 | 25-8818-17 | | |
| | | | | | 2180 | 1.36 | | | 2050 | 1.35 | 30-8818-17 | | |
| 22 | 30 | 224 | 3050 | 1.95 | 188 | 2870 | 1.94 | 30-8819-17 | | | | | |
| | | | 2180 | 1.00 | | 2050 | 1.00 | 40-8818-17 | | | | | |
| 30 | 40 | 306 | 3050 | 1.43 | 255 | 2870 | 1.42 | 40-8819-17 | | | | | |
| | | | 377 | 1.16 | | 314 | 1.15 | 50-8819-17 | | | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 21 | 0.2 | 1/4 | 71 | 2.52 | 110 | 1.00 | 89 | 2.10 | 110 | 1.00 | 02-8807-21 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 21 | 0.2 | 1/4 | 71 | 2.52 | 180 | 2.00 | 89 | 2.10 | 180 | 2.00 | 02-8808-21 |
| | 0.4 | 1/2 | | 5.04 | 180 | 1.00 | | 4.20 | 180 | 1.00 | 05-8808-21 |
| | 0.75 | 1 | | 9.45 | 340 | 2.48 | | 7.88 | 340 | 1.33 | 1-8809-21 |
| | | | | | 550 | 2.69 | | | 550 | 2.68 | 1-8810-21 |
| | 1.5 | 2 | | 18.9 | 550 | 1.35 | | 15.8 | 550 | 1.34 | 2-8810-21 |
| | | | | | 787 | 2.69 | | | 740 | 2.67 | 2-8811-21 |
| | 2.2 | 3 | | 27.7 | 787 | 1.83 | | 23.1 | 740 | 1.82 | 3-8811-21 |
| | | | | | 46.6 | 1.09 | | | 38.8 | 740 | 1.08 |
| | 5.5 | 7.5 | | 69.3 | 909 | 1.64 | | 57.8 | | 855 | 1.63 |
| | | | | | 909 | 1.10 | | | 855 | 1.09 | 8-8813-21 |
| | | | | | 1180 | 1.22 | | | 1110 | 1.21 | 8-8814-21 |
| | | | | | 1480 | 2.40 | | | 1390 | 2042 | 8-8816-21 |
| | 7.5 | 10 | | 94.5 | 1480 | 1.76 | | 78.8 | 1390 | 1.77 | 10-8816-21 |
| | | | | | 1480 | 1.20 | | | 1390 | 1.21 | 15-8816-21 |
| | 11 | 15 | | 139 | 1740 | 1.68 | | 116 | 1640 | 1.67 | 15-8817-21 |
| | | | | | 1740 | 1.23 | | | 1640 | 1.2 | 20-8817-21 |
| | 15 | 20 | | 189 | 2340 | 1.79 | | 158 | 2200 | 1.79 | 20-8818-21 |
| | | | | | 1740 | 1.00 | | | 1640 | 1.00 | 25-8817-21 |
| | 18.5 | 25 | | 233 | 2340 | 1.45 | | 194 | 2200 | 1.45 | 25-8818-21 |
| | | | | | 3270 | 1.95 | | | 3080 | 1.96 | 25-8819-21 |
| 2340 | | | 1.22 | | 231 | 2200 | 1.22 | | 30-8818-21 | | |
| 22 | 30 | 277 | 3270 | 1.64 | 231 | 3080 | 1.64 | 30-8819-21 | | | |
| | | | 3270 | 1.20 | | 3080 | 1.21 | 40-8819-21 | | | |
| 30 | 40 | 378 | 4160 | 1.54 | 315 | 3940 | 1.53 | 40-8820-21 | | | |
| | | | 5300 | 1.98 | | 5010 | 1.98 | 40-8821-21 | | | |
| | | | 3270 | 1.00 | | 3080 | 1.00 | 50-8819-21 | | | |
| 37 | 50 | 466 | 4160 | 1.25 | 388 | 3940 | 1.24 | 50-8820-21 | | | |
| | | | 5300 | 1.93 | | 5010 | 1.91 | 50-8821-21 | | | |
| | | | 5580 | 2.44 | | 5280 | 2.43 | 50-8822-21 | | | |
| | | | 4160 | 1.03 | | 3940 | 1.02 | 60-8820-21 | | | |
| 45 | 60 | 567 | 5300 | 1.58 | 472 | 5010 | 1.58 | 60-8821-21 | | | |
| | | | 5580 | 2.00 | | 5280 | 2.00 | 60-8821-21 | | | |
| | | | 5300 | 1.30 | | 5010 | 1.29 | 75-8821-21 | | | |
| 55 | 75 | 693 | 5580 | 1.64 | 578 | 5280 | 1.64 | 75-8822-21 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | |
| 25 | 0.2 | 1/4 | 60 | 3.00 | 180 | 1.25 | 72 | 2.50 | 180 | 1.25 | 02-8808-25 | |
| | | | | | 340 | 3.75 | | | 340 | 3.75 | 02-8809-25 | |
| | 0.4 | 1/2 | | 6.00 | 340 | 1.88 | | 5.00 | 340 | 1.88 | 05-8809-25 | |
| | | | | | 340 | 1.00 | | | 9.38 | 340 | 1.00 | 1-8809-25 |
| | 0.75 | 1 | | 11.3 | 550 | 1.92 | | 9.38 | | 550 | 1.96 | 1-8810-25 |
| | | | | | 22.5 | 2.13 | | | 18.8 | 785 | 2.13 | 2-8811-25 |
| | 1.5 | 2 | | 22.5 | 835 | 1.45 | | 18.8 | | 785 | 1.45 | 3-8811-25 |
| | | | | | 835 | 1.52 | | | 27.5 | 785 | 1.52 | 3-8812-25 |
| | 2.2 | 3 | | 33.0 | 965 | 2.31 | | 27.5 | | 909 | 2.31 | 3-8813-25 |
| | | | | | 965 | 1.37 | | | 46.2 | 909 | 1.37 | 5-8813-25 |
| | 3.7 | 5 | | 55.5 | 1242 | 1.58 | | 46.2 | | 1170 | 1.57 | 5-8814-25 |
| | | | | | 1242 | 1.06 | | | 68.8 | 1170 | 1.06 | 8-8814-25 |
| | | | | | 1453 | 1.22 | | | | 1370 | 1.26 | 8-8815-25 |
| | 5.5 | 7.5 | | 82.5 | 1580 | 2.11 | | 68.8 | 1470 | 2.11 | 8-8816-25 | |
| | | | | | 1580 | 1.55 | | | 93.8 | 1470 | 1.55 | 10-8816-25 |
| | 7.5 | 10 | | 113 | 1855 | 2.07 | | 93.8 | | 1740 | 2.08 | 10-8817-25 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 25 | 11 | 15 | 60 | 165 | 1580 | 1.05 | 72 | 138 | 1470 | 1.05 | 15-8816-25 |
| | | | | | 1855 | 1.41 | | | 1740 | 1.42 | 15-8817-25 |
| | | | | | 2490 | 2.07 | | | 2330 | 2.07 | 15-8818-25 |
| | 15 | 20 | | 225 | 1855 | 1.03 | | 1740 | 1.04 | 20-8817-25 | |
| | | | | | 2490 | 1.52 | | 2330 | 1.52 | 20-8818-25 | |
| | | | | | 3490 | 2.29 | | 3260 | 2.28 | 20-8819-25 | |
| | 18.5 | 25 | 278 | 2490 | 1.23 | 2330 | 1.23 | 25-8818-25 | | | |
| | | | | 3490 | 1.86 | 3260 | 1.85 | 25-8819-25 | | | |
| | | | | 2490 | 1.04 | 2330 | 1.04 | 30-8818-25 | | | |
| | 22 | 30 | 330 | 3490 | 1.56 | 3260 | 1.55 | 30-8819-25 | | | |
| | | | | 3490 | 1.15 | 375 | 3260 | 1.14 | 40-8819-25 | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|------|--------------------|-----------------------|---|-----------|--------------------|-----------------------|---|------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 29 | 0.2 | 1/4 | 52 | 3.48 | 180 | 1.20 | 62 | 2.90 | 180 | 1.20 | 02-8808-29 |
| | | | | | 340 | 3.35 | | | 340 | 3.40 | 02-8809-29 |
| | | | | | 6.96 | 1.68 | | | 5.80 | 340 | 1.70 |
| | 0.4 | 1/2 | | 13.0 | 550 | 1.84 | | 10.9 | 550 | 1.84 | 1-8810-29 |
| | | | | | 26.1 | 1.90 | | 21.8 | 824 | 1.89 | 2-8811-29 |
| | | | | | 876 | 1.30 | | 31.9 | 824 | 1.29 | 3-8811-29 |
| | 1010 | 2.00 | | 954 | 2.00 | 3-8813-29 | | | | | |
| | 1010 | 1.19 | | 954 | 1.19 | 5-8813-29 | | | | | |
| | 3.7 | 5 | | 64.4 | 1300 | 1.31 | | 53.6 | 1230 | 1.31 | 5-8814-29 |
| | | | | | 1510 | 1.58 | | | 1430 | 1.59 | 5-8815-29 |
| | | | | | 1650 | 2.62 | | | 1550 | 2.62 | 5-8816-29 |
| | | | | | 1510 | 1.06 | | | 79.8 | 1430 | 1.07 |
| | 5.5 | 7.5 | 95.7 | 1650 | 1.76 | 79.8 | 1550 | 1.76 | 8-8816-29 | | |
| | | | | 1650 | 1.29 | | 109 | 1550 | 1.29 | 10-8816-29 | |
| | 7.5 | 10 | 131 | 1940 | 1.91 | 109 | 1830 | 1.91 | 10-8817-29 | | |
| | | | | 1940 | 1.30 | | 160 | 1830 | 1.30 | 15-8817-29 | |
| | | | | 2610 | 1.67 | | | 2458 | 1.66 | 15-8818-29 | |
| | 15 | 20 | 261 | 2610 | 1.23 | 218 | 2458 | 1.22 | 20-8818-29 | | |
| | | | | 3650 | 2.01 | | 3430 | 2.00 | 20-8819-29 | | |
| | | | | 2610 | 1.00 | | 268 | 2458 | 1.00 | 25-8818-29 | |
| | 3650 | 1.63 | 3430 | 1.62 | 25-8819-29 | | | | | | |
| | 4580 | 2.11 | 4340 | 2.11 | 25-8820-29 | | | | | | |
| | 18.5 | 25 | 322 | 3650 | 1.37 | 319 | 3430 | 1.36 | 30-8819-29 | | |
| | | | | 4580 | 1.78 | | 4340 | 1.77 | 30-8820-29 | | |
| 3650 | | | | 1.00 | 435 | | 3430 | 1.00 | 40-8819-29 | | |
| 4580 | 1.34 | 4340 | 1.30 | 40-8820-29 | | | | | | | |
| 5860 | 1.59 | 5539 | 1.59 | 40-8821-29 | | | | | | | |
| 6161 | 1.78 | 5820 | 1.78 | 40-8822-29 | | | | | | | |
| 37 | 50 | 644 | 4580 | 1.06 | 536 | 4340 | 1.05 | 50-8820-29 | | | |
| | | | 5860 | 1.29 | | 5539 | 1.29 | 50-8821-29 | | | |
| | | | 6161 | 1.44 | | 5820 | 1.44 | 50-8822-29 | | | |
| 45 | 60 | 783 | 5860 | 1.06 | 652 | 5539 | 1.06 | 60-8821-29 | | | |
| | | | 6161 | 1.19 | | 5820 | 1.18 | 60-8822-29 | | | |
| | | | 957 | 1.00 | | 798 | 5820 | 1.00 | 75-8822-29 | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 35 | 0.2 | 1/4 | 43 | 4.20 | 180 | 1.20 | 51 | 3.5 | 180 | 1.20 | 02-8808-35 |
| | | | | | 340 | 2.90 | | | 340 | 2.90 | 02-8809-35 |
| | 0.4 | 1/2 | | 8.40 | 340 | 1.45 | | 7.00 | 340 | 1.45 | 05-8809-35 |
| | | | | | 550 | 2.55 | | 550 | 2.58 | 05-8810-35 | |
| | 0.75 | 1 | | 15.8 | 550 | 1.36 | | 13.1 | 550 | 1.37 | 1-8810-35 |
| | | | | | 880 | 3.23 | | | 878 | 3.20 | 1-8811-35 |
| | 1.5 | 2 | | 31.5 | 880 | 1.61 | | 26.2 | 878 | 1.60 | 2-8811-35 |
| | | | | | 1080 | 2.43 | | | 1010 | 2.41 | 2-8813-35 |
| | 2.2 | 3 | | 46.2 | 880 | 1.10 | | 38.5 | 878 | 1.09 | 3-8811-35 |
| | | | | | 1080 | 1.65 | | | 1010 | 1.64 | 3-8813-35 |
| | 3.7 | 5 | | 77.7 | 1080 | 1.00 | | 64.8 | 1010 | 1.00 | 5-8813-35 |
| | | | | | 1370 | 1.25 | | | 1300 | 1.24 | 5-8814-35 |
| | | | | | 1590 | 1.31 | | | 1510 | 1.31 | 5-8815-35 |
| | | | | | 1750 | 2.34 | | | 1650 | 2.32 | 5-8816-35 |
| | 5.5 | 7.5 | | 116 | 1750 | 1.57 | | 96.2 | 1650 | 1.56 | 8-8816-35 |
| | | | | | 2077 | 2.27 | | | 1946 | 2.25 | 8-8817-35 |
| 7.5 | 10 | 158 | 1750 | 1.15 | 131 | 1650 | 1.15 | 10-8816-35 | | | |
| | | | 2077 | 1.67 | | 1946 | 1.65 | 10-8817-35 | | | |
| 11 | 15 | 231 | 2077 | 1.14 | 193 | 1946 | 1.13 | 15-8817-35 | | | |
| | | | 2773 | 1.68 | | 2619 | 1.67 | 15-8818-35 | | | |
| 15 | 20 | 315 | 2773 | 1.23 | 262 | 2619 | 1.23 | 20-8818-35 | | | |
| | | | 3880 | 1.58 | | 3662 | 1.57 | 20-8819-35 | | | |
| 18.5 | 25 | 389 | 2773 | 1.00 | 324 | 2619 | 1.00 | 25-8818-35 | | | |
| | | | 3880 | 1.28 | | 3662 | 1.27 | 25-8819-35 | | | |
| 22 | 30 | 462 | 3880 | 1.08 | 385 | 3662 | 1.07 | 30-8819-35 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 43 | 0.2 | 1/4 | 35 | 5.16 | 180 | 1.00 | 42 | 4.30 | 180 | 1.00 | 02-8808-43 |
| | | | | | 340 | 2.50 | | | 340 | 2.45 | 02-8809-43 |
| | 0.4 | 1/2 | | 10.3 | 340 | 1.25 | | 8.60 | 340 | 1.22 | 05-8809-43 |
| | | | | | 550 | 2.32 | | | 550 | 2.32 | 05-8810-43 |
| | 0.75 | 1 | | 19.4 | 550 | 1.24 | | 16.1 | 550 | 1.24 | 1-8810-43 |
| | | | | | 880 | 2.56 | | | 880 | 2.56 | 1-8811-43 |
| | 1.5 | 2 | | 38.7 | 880 | 1.28 | | 32.2 | 880 | 1.28 | 2-8811-43 |
| | | | | | 1150 | 1.97 | | | 1094 | 1.97 | 2-8813-43 |
| | 2.2 | 3 | | 56.8 | 1150 | 1.34 | | 47.3 | 1094 | 1.34 | 3-8813-43 |
| | | | | | 1460 | 1.44 | | | 1380 | 1.43 | 3-8814-43 |
| | 3.7 | 5 | | 95.5 | 1600 | 1.75 | | 79.6 | 1590 | 1.75 | 3-8815-43 |
| | | | | | 1880 | 1.83 | | | 1776 | 1.82 | 5-8816-43 |
| | 5.5 | 7.5 | | 142 | 1880 | 1.23 | | 118 | 1776 | 1.88 | 8-8816-43 |
| | | | | | 2220 | 1.69 | | | 2087 | 1.22 | 8-8817-43 |
| | 7.5 | 10 | | 194 | 2220 | 1.24 | | 161 | 2087 | 1.22 | 8-8817-43 |
| | | | | | 2983 | 2.00 | | | 2800 | 1.97 | 10-8818-43 |
| 11 | 15 | 284 | 2983 | 1.36 | 237 | 2800 | 1.34 | 15-8818-43 | | | |
| | | | 4150 | 1.86 | | 3910 | 1.89 | 15-8819-43 | | | |
| 15 | 20 | 387 | 2985 | 1.00 | 323 | 2800 | 1.00 | 20-8818-43 | | | |
| | | | 4150 | 1.37 | | 3910 | 1.39 | 20-8819-43 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | |
|-------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | |
| 43 | 15 | 20 | 35 | 387 | 5150 | 1.82 | 42 | 323 | 4897 | 1.80 | 20-8820-43 | |
| | | | | | 4150 | 1.11 | | | 3910 | 1.12 | 25-8819-43 | |
| | 477 | 5150 | | | 1.48 | 398 | | | 4897 | 1.46 | 25-8820-43 | |
| | | 6565 | | | 2.02 | | | | 6220 | 2.00 | 25-8821-43 | |
| | | 5150 | | | 1.24 | | | | 473 | 4897 | 1.23 | 30-8820-43 |
| | | 6565 | | | 1.70 | | | | | 6220 | 1.69 | 30-8821-43 |
| | 774 | 6910 | | 2.08 | 645 | 6562 | | 2.08 | 30-8822-43 | | | |
| | | 6565 | | 1.24 | | 6220 | | 1.24 | 40-8821-43 | | | |
| | 30 | 40 | | 955 | 6910 | 1.52 | | 796 | 6562 | 1.52 | 40-8822-43 | |
| | | | | | 6565 | 1.01 | | | 6220 | 1.00 | 50-8821-43 | |
| | 37 | 50 | | 1161 | 6910 | 1.24 | | 968 | 6562 | 1.24 | 50-8822-43 | |
| | | | | | 6910 | 1.02 | | | 6562 | 1.02 | 60-8822-43 | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | | |
|-------|-------|------|--------------------|-----------------------|---|-----------|--------------------|-----------------------|---|------------|--------------------------------|------------|-----------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | | |
| 51 | 0.2 | 1/4 | 29 | 6.12 | 340 | 1.80 | 35 | 5.10 | 340 | 1.80 | 02-8809-51 | | |
| | | | | | 550 | 1.68 | | | 10.2 | 550 | 1.65 | 05-8810-51 | |
| | | | | | 0.4 | 1/2 | | | 23.0 | 880 | 2.21 | 19.1 | 880 |
| | 880 | 1.11 | | | | | | | | 38.2 | 880 | | 1.25 |
| | 0.75 | 1 | | | 45.9 | 1220 | | | 1.67 | 56.1 | 1150 | 1.68 | 2-8813-51 |
| | | | | | | 1220 | | | 1.14 | | 1150 | 1.14 | 3-8813-51 |
| | 2.2 | 3 | | 67.3 | 1500 | 1.35 | | 94.4 | 1460 | 1.34 | 3-8814-51 | | |
| | | | | | 1600 | 1.51 | | | 1600 | 1.55 | 3-8815-51 | | |
| | | | | | 1990 | 2.59 | | | 1880 | 2.58 | 3-8816-51 | | |
| | | | | | 1990 | 1.54 | | | 140 | 1880 | 1.53 | 5-8816-51 | |
| | 2340 | 2.25 | | 2200 | 2.86 | 5-8817-51 | | | | | | | |
| | 3.7 | 5 | | 113 | 1990 | 1.04 | | 191 | 1880 | 1.03 | 8-8816-51 | | |
| | | | | | 2340 | 1.52 | | | 140 | 2200 | 1.51 | 8-8817-51 | |
| | | | | | 3150 | 2.07 | | | | 2985 | 2.07 | 8-8818-51 | |
| | 5.5 | 7.5 | | 168 | 2340 | 1.11 | | 280 | 2200 | 1.11 | 10-8817-51 | | |
| | | | | | 3150 | 1.52 | | | 2985 | 1.52 | 10-8818-51 | | |
| | | | | | 4400 | 2.39 | | | 4150 | 2.40 | 10-8819-51 | | |
| | 7.5 | 10 | | 230 | 3150 | 1.04 | | 383 | 2985 | 1.04 | 15-8818-51 | | |
| | | | | | 4400 | 1.63 | | | 4150 | 1.64 | 15-8819-51 | | |
| | 11 | 15 | | 337 | 4400 | 1.63 | | 4150 | 1.64 | 15-8819-51 | | | |
| | 15 | 20 | | 459 | 4400 | 1.19 | | 383 | 4150 | 1.20 | 20-8819-51 | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 59 | 0.2 | 1/4 | 25 | 7.08 | 340 | 1.65 | 31 | 5.90 | 340 | 1.65 | 02-8809-59 |
| | | | | | 550 | 1.50 | | | 11.8 | 550 | 1.52 |
| | 14.2 | 880 | | | 3.42 | 22.1 | | | | 880 | 3.45 |
| | | 26.6 | | | 880 | | | | 1.83 | 44.3 | 880 |
| | 53.1 | 1295 | | | 1.43 | 1220 | | | 1.44 | | 2-8813-59 |
| | | 1500 | | | 1.87 | 1500 | | | 1.89 | | 2-8813-59 |
| | 1.5 | 2 | | 77.9 | 1500 | 1.27 | | 64.9 | 1500 | | 1.29 |
| | | | | | 1600 | 1.28 | | | 1600 | 1.32 | 3-8815-59 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 59 | 2.2 | 3 | 25 | 77.9 | 2000 | 2.25 | 31 | 64.9 | 1985 | 2.23 | 3-8816-59 |
| | 3.7 | 5 | | 131 | 2090 | 1.34 | | 109 | 1985 | 1.32 | 5-8816-59 |
| | 5.5 | 7.5 | | 195 | 2490 | 1.97 | | 162 | 2340 | 1.95 | 5-8817-59 |
| | | | | | 2490 | 1.32 | | | 2340 | 1.31 | 8-8817-59 |
| | 7.5 | 10 | | 266 | 3330 | 1.79 | | 221 | 3140 | 1.77 | 8-8818-59 |
| | | | | | 3300 | 1.31 | | | 3140 | 1.30 | 10-8818-59 |
| | 11 | 15 | | 389 | 4660 | 2.07 | | 325 | 4400 | 2.07 | 10-8819-59 |
| | | | | | 4660 | 1.41 | | | 4400 | 1.41 | 15-8819-59 |
| | | | | | 5700 | 1.74 | | | 5410 | 1.74 | 15-8820-59 |
| | 15 | 20 | | 531 | 4660 | 1.03 | | 443 | 4400 | 1.03 | 20-8819-59 |
| | | | | | 5700 | 1.27 | | | 5410 | 1.28 | 20-8820-59 |
| | | | | | 7265 | 1.85 | | | 4400 | 1.85 | 20-8821-59 |
| 18.5 | 25 | 655 | 5700 | 1.03 | 546 | 5410 | 1.04 | 25-8820-59 | | | |
| | | | 7265 | 1.50 | | 6890 | 1.50 | 25-8821-59 | | | |
| | | | 7640 | 1.80 | | 7250 | 1.80 | 25-8822-59 | | | |
| 22 | 30 | 779 | 7265 | 1.26 | 649 | 6890 | 1.26 | 30-8821-59 | | | |
| | | | 7640 | 1.52 | | 7250 | 1.51 | 30-8822-59 | | | |
| 30 | 40 | 1062 | 7640 | 1.11 | 885 | 7250 | 1.11 | 40-8822-59 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 71 | 0.2 | 1/4 | 21 | 8.52 | 340 | 1.30 | 25 | 7.10 | 340 | 1.30 | 02-8809-71 |
| | | | | | 550 | 2.45 | | | 550 | 2.45 | 02-8810-71 |
| | 0.4 | 1/2 | | 17.0 | 550 | 1.22 | | 14.2 | 550 | 1.22 | 05-8810-71 |
| | | | | | 880 | 2.45 | | | 880 | 2.45 | 05-8811-71 |
| | 0.75 | 1 | | 32.0 | 880 | 1.31 | | 26.6 | 880 | 1.31 | 1-8811-71 |
| | | | | | 1000 | 1.36 | | | 1000 | 1.35 | 1-8812-71 |
| | | | | | 1350 | 2.40 | | | 1295 | 2.43 | 1-8813-71 |
| | 1.5 | 2 | | 63.9 | 1350 | 1.20 | | 53.2 | 1295 | 1.21 | 2-8813-71 |
| | | | | | 1500 | 1.41 | | | 1500 | 1.40 | 2-8814-71 |
| | | | | | 1600 | 1.45 | | | 1600 | 1.45 | 2-8815-71 |
| | | | | | 2000 | 2.73 | | | 2000 | 2.73 | 2-8816-71 |
| | 2.2 | 3 | | 93.7 | 1600 | 1.00 | | 78.1 | 1600 | 1.00 | 3-8815-71 |
| | | | | | 2000 | 1.86 | | | 2000 | 1.86 | 3-8816-71 |
| | 3.7 | 5 | | 158 | 2000 | 1.10 | | 131 | 2000 | 1.11 | 5-8816-71 |
| | | | | | 2680 | 1.62 | | | 2490 | 1.62 | 5-8817-71 |
| | | | | | 2680 | 1.09 | | | 2460 | 1.09 | 8-8817-71 |
| | 5.5 | 7.5 | | 234 | 3590 | 1.34 | | 195 | 3330 | 1.33 | 8-8818-71 |
| | | | | | 5020 | 2.44 | | | 4660 | 2.44 | 8-8819-71 |
| 3590 | | | 1.00 | | 3330 | 1.00 | 10-8818-71 | | | | |
| 7.5 | 10 | 320 | 5020 | 1.79 | 266 | 4660 | 1.79 | 10-8819-71 | | | |
| | | | 469 | 5020 | | 1.22 | 391 | 4660 | 1.22 | 10-8819-71 | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 87 | 0.2 | 1/4 | 17 | 10.4 | 340 | 1.25 | 21 | 8.70 | 340 | 1.20 | 02-8809-87 |
| | | | | | 550 | 2.45 | | | 550 | 2.45 | 02-8810-87 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|-----------------------|--------------------------|--|------|-----------------------|--------------------------|--|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 87 | 0.4 | 1/2 | 17 | 20.9 | 550 | 1.22 | 21 | 17.4 | 550 | 1.22 | 05-8810-87 |
| | | | | | 880 | 2.33 | | | 880 | 2.33 | 05-8811-87 |
| | 0.75 | 1 | | 39.2 | 880 | 1.24 | | 32.6 | 880 | 1.24 | 1-8811-87 |
| | | | | | 1364 | 1.95 | | | 1360 | 1.96 | 1-8813-87 |
| | 1.5 | 2 | | 78.3 | 1500 | 1.30 | | 65.2 | 1500 | 1.31 | 2-8814-87 |
| | | | | | 1600 | 1.31 | | | 1600 | 1.33 | 2-8815-87 |
| | | | | | 2050 | 2.23 | | | 2000 | 2.23 | 2-8816-87 |
| | 2.2 | 3 | | 115 | 2050 | 1.52 | | 95.7 | 2000 | 1.52 | 3-8816-87 |
| | | | | | 2900 | 2.20 | | | 2660 | 2.20 | 3-8817-87 |
| | 3.7 | 5 | | 193 | 2900 | 1.31 | | 161 | 2660 | 1.31 | 5-8817-87 |
| | | | | | 3760 | 2.03 | | | 3540 | 2.03 | 5-8818-87 |
| | 5.5 | 7.5 | | 287 | 3760 | 1.34 | | 239 | 3540 | 1.34 | 8-8818-87 |
| | | | | | 5260 | 2.13 | | | 4950 | 2.13 | 8-8819-87 |
| | 7.5 | 10 | | 392 | 5260 | 1.56 | | 326 | 4950 | 1.56 | 10-8819-87 |
| | | | | | 6600 | 1.83 | | | 6030 | 1.81 | 10-8820-87 |
| | 11 | 15 | | 574 | 5260 | 1.06 | | 478 | 4950 | 1.06 | 15-8819-87 |
| 6600 | | | 1.24 | | 6030 | 1.24 | 15-8820-87 | | | | |
| 8410 | | | 1.65 | | 7680 | 1.66 | 15-8821-87 | | | | |
| 8840 | | | 1.99 | | 8090 | 1.99 | 15-8822-87 | | | | |
| 15 | 20 | 783 | 8410 | 1.22 | 652 | 7680 | 1.21 | 20-8821-87 | | | |
| | | | 8840 | 1.46 | | 8090 | 1.46 | 20-8822-87 | | | |
| 18.5 | 25 | 966 | 8840 | 1.18 | 805 | 8090 | 1.18 | 25-8822-87 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|-----------------------|--------------------------|--|------|-----------------------|--------------------------|--|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 119 | 0.2 | 1/4 | 13 | 14.6 | 550 | 1.25 | 15 | 12.2 | 550 | 1.20 | 02-8810-119 |



| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 104 (13 x 8) | 0.2 | 1/4 | 14 | 10.1 | 340 | <1.0 | 17 | 9.48 | 340 | 1.05 | 02-8809/08-104 |
| | | | | 11.4 | 550 | 1.80 | | 9.48 | 550 | 1.91 | 02-8810/08-104 |
| | 0.4 | 1/2 | | 20.5 | 550 | <1.0 | | 18.7 | 550 | 1.06 | 05-8810/08-104 |
| | | | | 22.7 | 880 | 1.00 | | 19.0 | 880 | 1.02 | 05-8811/08-104 |
| | 0.75 | 1 | | 22.7 | 880 | 2.10 | | 19.0 | 880 | 2.42 | 05-8811/09-104 |
| | | | | 42.6 | 880 | 1.12 | | 35.5 | 880 | 1.29 | 1-8811/09-104 |
| | 1.5 | 2 | | 42.6 | 1365 | 1.80 | | 35.5 | 1365 | 2.16 | 1-8813/10-104 |
| | | | | 77.0 | 1365 | <1.0 | | 71.1 | 1365 | 1.08 | 2-8813/10-104 |
| | 2.2 | 3 | | 85.3 | 2050 | 1.61 | | 71.1 | 2050 | 2.25 | 2-8816/10-104 |
| | | | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 3-8813/10-104 |
| | 3.7 | 5 | | 103 | 1500 | <1.0 | | 102 | 1500 | <1.0 | 3-8814/10-104 |
| | | | | 125 | 2050 | 1.46 | | 104 | 2050 | 1.74 | 3-8816/11-104 |
| | 5.5 | 7.5 | | 183 | 2050 | <1.0 | | 175 | 2050 | 1.04 | 5-8816/11-104 |
| | | | | 210 | 2900 | 1.32 | | 175 | 2900 | 1.38 | 5-8817/11-104 |
| | 7.5 | 10 | | 278 | 2900 | <1.0 | | 241 | 2900 | <1.0 | 8-8817/11-104 |
| | | | | 313 | 3800 | 1.25 | | 260 | 3800 | 1.54 | 8-8818/13-104 |
| | | | | 400 | 3800 | <1.0 | | 355 | 3800 | 1.13 | 10-8818/13-104 |
| | | | | 426 | 5300 | 1.33 | | 355 | 5300 | 1.41 | 10-8819/13-104 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|------------------|-------|------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 121 (11 x 11) | 0.2 | 1/4 | 12 | 10.1 | 340 | <1.0 | 15 | 10.2 | 340 | <1.0 | 02-8809/08-121 |
| | | | | 13.2 | 550 | 1.55 | | 11.0 | 550 | 1.90 | 02-8810/08-121 |
| | 0.4 | 1/2 | | 20.5 | 550 | <1.0 | | 21.1 | 550 | <1.0 | 05-8810/08-121 |
| | | | | 26.4 | 880 | 1.00 | | 22.0 | 880 | 1.00 | 05-8811/08-121 |
| | 0.75 | 1 | | 26.4 | 880 | 1.90 | | 22.0 | 880 | 2.12 | 05-8811/09-121 |
| | | | | 49.6 | 880 | 1.01 | | 41.3 | 880 | 1.13 | 1-8811/09-121 |
| | 1.5 | 2 | | 49.6 | 1370 | 1.41 | | 41.3 | 1365 | 1.63 | 1-8813/09-121 |
| | | | | 77.0 | 1370 | <1.0 | | 77.0 | 1365 | <1.0 | 2-8813/10-121 |
| | 2.2 | 3 | | 96.0 | 1500 | <1.0 | | 82.7 | 1500 | 1.16 | 2-8814/10-121 |
| | | | | 99.2 | 2100 | 1.71 | | 82.7 | 2050 | 2.05 | 2-8816/10-121 |
| | 3.7 | 5 | | 96.0 | 1500 | <1.0 | | 96.2 | 1500 | <1.0 | 3-8814/10-121 |
| | | | | 146 | 2100 | 1.26 | | 121 | 2050 | 1.50 | 3-8816/11-121 |
| | 5.5 | 7.5 | | 146 | 2950 | 1.75 | | 121 | 2900 | 2.11 | 3-8817/11-121 |
| | | | | 183 | 2100 | <1.0 | | 182 | 2050 | <1.0 | 5-8816/11-121 |
| | 7.5 | 10 | | 245 | 2950 | 1.04 | | 204 | 2900 | 1.25 | 5-8817/11-121 |
| | | | | 245 | 3800 | 1.37 | | 204 | 3800 | 1.65 | 5-8818/13-121 |
| | 11 | 15 | | 255 | 2950 | <1.0 | | 256 | 2900 | <1.0 | 8-8817/11-121 |
| | | | | 335 | 3950 | <1.0 | | 303 | 3800 | 1.11 | 8-8818/13-121 |
| | 15 | 20 | | 364 | 5300 | 1.56 | | 303 | 5300 | 1.75 | 8-8819/13-121 |
| | | | | 496 | 5300 | 1.15 | | 413 | 5300 | 1.28 | 10-8819/13-121 |
| | 18.5 | 25 | | 496 | 7100 | 1.16 | | 413 | 6650 | 1.32 | 10-8820/13-121 |
| | | | | 496 | 8850 | 1.48 | | 413 | 8470 | 1.72 | 10-8821/16-121 |
| | | | | 728 | 8850 | 1.01 | | 606 | 8470 | 1.17 | 15-8821/16-121 |
| | | | | 728 | 10450 | 1.32 | | 606 | 8910 | 1.47 | 15-8822/17-121 |
| | | 960 | 10450 | <1.0 | 827 | 8910 | 1.10 | 20-8822/17-121 | | | |
| | | 992 | 12500 | 1.15 | 827 | 11100 | 1.30 | 20-8823/16-121 | | | |
| | | 992 | 14100 | 1.43 | 827 | 12400 | 1.72 | 20-8824/18-121 | | | |
| | | 960 | 10450 | <1.0 | 910 | 8930 | <1.0 | 25-8822/17-121 | | | |
| | | 1120 | 12500 | <1.0 | 1020 | 11150 | 1.09 | 25-8823/18-121 | | | |
| | | 1224 | 14100 | 1.15 | 1020 | 12450 | 1.38 | 25-8824/18-121 | | | |
| | | 1224 | 17105 | 1.47 | 1020 | 15100 | 1.48 | 25-8825/19-121 | | | |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|----|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|----------------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 121 (11×11) | 22 | 30 | 12 | 1120 | 12500 | <1.0 | 15 | 1110 | 11150 | <1.0 | 30-8823/18-121 |
| | | | | 1410 | 14100 | <1.0 | | 1213 | 12450 | 1.16 | 30-8824/18-121 |
| | | | | 1455 | 17105 | 1.24 | | 1213 | 15100 | 1.50 | 30-8825/19-121 |
| | 30 | 40 | | 1800 | 17105 | 1.0 | | 1653 | 15100 | 1.10 | 40-8825/19-121 |
| | 1984 | | | 20900 | 1.21 | 1653 | | 18450 | 1.43 | 40-8826/19-121 | |
| | 37 | | | 50 | 2400 | 20900 | | <1.0 | 2040 | 18450 | 1.16 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 143 (13×11) | 0.2 | 1/4 | 10 | 10.9 | 340 | <1.0 | 13 | 11.2 | 340 | <1.0 | 02-8809/08-143 |
| | | | | 15.6 | 550 | 1.30 | | 13.0 | 550 | 1.70 | 02-8810/08-143 |
| | 0.4 | 1/2 | | 31.3 | 880 | 1.00 | | 26.0 | 880 | 1.00 | 05-8811/08-143 |
| | | | | 31.3 | 880 | 1.62 | | 26.0 | 880 | 1.93 | 05-8811/09-143 |
| | 0.75 | 1 | | 51.0 | 880 | <1.0 | | 48.8 | 880 | 1.03 | 1-8811/09-143 |
| | | | | 58.6 | 1365 | 1.31 | | 48.8 | 1365 | 1.57 | 1-8813/09-143 |
| | 1.5 | 2 | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 2-8813/10-143 |
| | | | | 103 | 1500 | <1.0 | | 97.7 | 1500 | 1.04 | 2-8814/10-143 |
| | | | | 117 | 2050 | 1.56 | | 97.7 | 2050 | 1.84 | 2-8816/10-143 |
| | | | | 172 | 2050 | 1.06 | | 143 | 2050 | 1.25 | 3-8816/10-143 |
| | 2.2 | 3 | | 172 | 2050 | 1.06 | | 143 | 2050 | 1.27 | 3-8816/11-143 |
| | | | | 172 | 2900 | 1.62 | | 143 | 2900 | 1.92 | 3-8817/11-143 |
| | | | | 183 | 2050 | <1.0 | | 182 | 2050 | <1.0 | 5-8816/11-143 |
| | 3.7 | 5 | | 278 | 2900 | <1.0 | | 241 | 2900 | 1.14 | 5-8817/11-143 |
| | | | | 289 | 3900 | 1.39 | | 241 | 3800 | 1.66 | 5-8818/13-143 |
| | | | | 401 | 3900 | <1.0 | | 358 | 3800 | 1.12 | 8-8818/13-143 |
| | 5.5 | 7.5 | | 430 | 5300 | 1.42 | | 358 | 5300 | 1.59 | 8-8819/13-143 |
| | | | | 7.5 | 10 | 586 | | 5300 | 1.04 | 488 | 5300 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 165 (15×11) | 0.2 | 1/4 | 9.1 | 13.0 | 340 | <1.0 | 11 | 12.7 | 340 | <1.0 | 02-8809/08-165 |
| | | | | 18.0 | 550 | 1.45 | | 15.0 | 550 | 1.70 | 02-8810/08-165 |
| | 0.4 | 1/2 | | 26.0 | 550 | <1.0 | | 26.0 | 550 | <1.0 | 05-8810/08-165 |
| | | | | 36.1 | 880 | 1.00 | | 30.1 | 880 | 1.00 | 05-8811/08-165 |
| | 0.75 | 1 | | 36.1 | 880 | 1.40 | | 30.1 | 880 | 1.70 | 05-8811/09-165 |
| | | | | 51.0 | 880 | <1.0 | | 51.0 | 880 | <1.0 | 1-8811/09-165 |
| | | | | 67.6 | 1365 | 1.13 | | 56.4 | 1365 | 1.36 | 1-8813/09-165 |
| | | | | 67.6 | 1500 | 1.36 | | 56.4 | 1500 | 1.61 | 1-8814/09-165 |
| | | | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 2-8813/10-165 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 2-8814/10-165 |
| | 1.5 | 2 | | 135 | 2050 | 1.35 | | 113 | 2050 | 1.61 | 2-8816/10-165 |
| | | | | 183 | 2050 | <1.0 | | 165 | 2050 | 1.10 | 3-8816/10-165 |
| | 2.2 | 3 | | 198 | 2900 | 1.16 | | 165 | 2900 | 1.39 | 3-8817/10-165 |
| | | | | 198 | 2900 | 1.40 | | 165 | 2900 | 1.59 | 3-8817/11-165 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 165 (15×11) | 3.7 | 5 | 9.1 | 278 | 2900 | <1.0 | 11 | 263 | 2900 | <1.0 | 5-8817/11-165 |
| | | | | 334 | 3900 | 1.23 | | 278 | 3850 | 1.47 | 5-8818/13-165 |
| | | | | 5.5 | 7.5 | 334 | | 5300 | 1.83 | 278 | 5300 |
| | 410 | 3900 | | | | <1.0 | | 410 | 3850 | <1.0 | 8-8818/13-165 |
| | 7.5 | 10 | | 496 | 5300 | 1.23 | | 413 | 5300 | 1.38 | 8-8819/13-165 |
| | | | | 610 | 5300 | <1.0 | | 564 | 5300 | 1.01 | 10-8819/13-165 |
| | | | | 677 | 7050 | 1.03 | | 564 | 7050 | 1.19 | 10-8820/13-165 |
| | | | | 677 | 8810 | 1.26 | | 564 | 8780 | 1.32 | 10-8821/13-165 |
| | 11 | 15 | | 855 | 8810 | <1.0 | | 827 | 8780 | 1.03 | 15-8821/16-165 |
| | | | | 992 | 10400 | 1.11 | | 827 | 9950 | 1.33 | 15-8822/17-165 |
| | | | | 992 | 12900 | 1.41 | | 827 | 12200 | 1.64 | 15-8823/16-165 |
| | 15 | 20 | | 1100 | 10400 | <1.0 | | 1100 | 9950 | <1.0 | 20-8822/17-165 |
| | | | | 1353 | 12900 | 1.03 | | 1127 | 12200 | 1.21 | 20-8823/16-165 |
| | | | | 1353 | 14400 | 1.21 | | 1127 | 13600 | 1.21 | 20-8824/16-165 |
| | 18.5 | 25 | | 1400 | 12900 | <1.0 | | 1360 | 12200 | <1.0 | 25-8823/18-165 |
| | | | | 1669 | 14400 | 1.09 | | 1390 | 13600 | 1.30 | 25-8824/18-165 |
| | | | | 1669 | 17600 | 1.38 | | 1390 | 16600 | 1.73 | 25-8825/19-165 |
| | 22 | 30 | | 1400 | 12900 | <1.0 | | 1360 | 12200 | <1.0 | 30-8823/18-165 |
| | | | | 1810 | 14400 | <1.0 | | 1654 | 13600 | 1.10 | 30-8824/18-165 |
| | | | | 1984 | 17600 | 1.16 | | 1654 | 16600 | 1.45 | 30-8825/19-165 |
| 1984 | | | 21400 | 1.54 | 1654 | 20350 | 1.77 | 30-8826/19-165 | | | |
| 30 | 40 | 2300 | 17600 | <1.0 | 2255 | 16600 | 1.07 | 40-8825/19-165 | | | |
| | | 2706 | 21400 | 1.13 | 2255 | 20350 | 1.30 | 40-8826/19-165 | | | |
| 37 | 50 | 3050 | 21400 | <1.0 | 2781 | 20350 | 1.05 | 50-8826/19-165 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 195 (15×13) | 0.2 | 1/4 | 7.7 | 21.3 | 550 | 1.20 | 9.2 | 17.8 | 550 | 1.45 | 02-8810/08-195 |
| | | | | 21.3 | 880 | 2.00 | | 17.8 | 880 | 2.00 | 02-8811/08-195 |
| | 0.4 | 1/2 | | 26.0 | 550 | <1.0 | | 26.0 | 550 | <1.0 | 05-8810/08-195 |
| | | | | 42.6 | 880 | 1.00 | | 35.5 | 880 | 1.00 | 05-8811/08-195 |
| | | | | 42.6 | 880 | 1.20 | | 35.5 | 880 | 1.42 | 05-8811/09-195 |
| | 0.75 | 1 | | 42.6 | 1365 | 1.72 | | 35.5 | 1365 | 2.18 | 05-8813/09-195 |
| | | | | 51.0 | 880 | <1.0 | | 51.0 | 880 | <1.0 | 1-8811/09-195 |
| | | | | 77.0 | 1365 | <1.0 | | 66.6 | 1365 | 1.16 | 1-8813/09-195 |
| | 1.5 | 2 | | 80.0 | 1500 | 1.29 | | 66.6 | 1500 | 1.55 | 1-8814/10-195 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 2-8814/10-195 |
| | | | | 160 | 2050 | 1.15 | | 133 | 2050 | 1.37 | 2-8816/10-195 |
| | | | | 160 | 2900 | 1.61 | | 133 | 2900 | 1.79 | 2-8817/10-195 |
| | 2.2 | 3 | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 3-8816/10-195 |
| | | | | 234 | 2900 | 1.10 | | 195 | 2900 | 1.22 | 3-8817/10-195 |
| | | | | 234 | 2900 | 1.19 | | 195 | 2900 | 1.41 | 3-8817/11-195 |
| | | | | 234 | 4000 | 1.75 | | 195 | 3950 | 2.10 | 3-8818/13-195 |
| | 3.7 | 5 | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 5-8817/11-195 |
| | | | | 394 | 4000 | 1.04 | | 329 | 3950 | 1.25 | 5-8818/13-195 |
| | | | | 394 | 5400 | 1.29 | | 329 | 5300 | 1.52 | 5-8819/11-195 |
| | 5.5 | 7.5 | | 410 | 4000 | <1.0 | | 410 | 3800 | <1.0 | 8-8818/13-195 |
| 586 | | | 5400 | 1.11 | 488 | 5300 | 1.25 | 8-8819/13-195 | | | |
| 586 | | | 8000 | 1.18 | 488 | 7050 | 1.42 | 8-8820/13-195 | | | |
| 586 | | | 8800 | 1.46 | 488 | 8800 | 1.72 | 8-8821/13-195 | | | |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

Selection & Performance table – Double Reduction – 4P

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 195 (15×13) | 7.5 | 10 | 7.7 | 650 | 5400 | <1.0 | 9.2 | 610 | 5300 | <1.0 | 10-8819/13-195 |
| | | | | 695 | 8000 | <1.0 | | 666 | 7050 | 1.04 | 10-8820/13-195 |
| | | | | 800 | 8800 | 1.07 | | 666 | 8800 | 1.26 | 10-8821/13-195 |
| | | | | 800 | 10900 | 1.26 | | 666 | 10300 | 1.30 | 10-8822/13-195 |
| | 11 | 15 | | 855 | 8800 | <1.0 | | 850 | 8800 | <1.0 | 15-8821/16-195 |
| | | | | 1100 | 10900 | <1.0 | | 977 | 10300 | 1.14 | 15-8822/17-195 |
| | | | | 1172 | 13800 | 1.19 | | 977 | 12800 | 1.44 | 15-8823/16-195 |
| | | | | 1172 | 15300 | 1.54 | | 977 | 14300 | 1.58 | 15-8824/16-195 |
| | 15 | 20 | | 1100 | 10900 | <1.0 | | 1120 | 10300 | <1.0 | 20-8823/17-195 |
| | | | | 1400 | 13800 | <1.0 | | 1332 | 12800 | 1.06 | 20-8823/16-195 |
| | | | | 1599 | 15300 | 1.13 | | 1332 | 14300 | 1.16 | 20-8824/16-195 |
| | | | | 1599 | 19100 | 1.44 | | 1332 | 17500 | 1.76 | 20-8825/17-195 |
| | 18.5 | 25 | | 1810 | 15300 | <1.0 | | 1643 | 14300 | 1.16 | 25-8824/18-195 |
| | | | | 1972 | 19100 | 1.17 | | 1643 | 17500 | 1.32 | 25-8825/17-195 |
| | | | | 1972 | 23200 | 1.55 | | 1643 | 21300 | 1.85 | 25-8826/19-195 |
| | | | | 1810 | 15300 | <1.0 | | 1810 | 14300 | <1.0 | 30-8824/18-195 |
| | 22 | 30 | | 2300 | 19100 | <1.0 | | 1954 | 17500 | 1.20 | 30-8825/17-195 |
| | | | | 2345 | 23200 | 1.30 | | 1954 | 21300 | 1.58 | 30-8826/19-195 |
| | | | | 3050 | 23200 | <1.0 | | 2665 | 21300 | 1.16 | 40-8826/19-195 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 231 (21×11) | 0.2 | 1/4 | 6.5 | 25.2 | 550 | 1.01 | 7.8 | 21.5 | 550 | 1.20 | 02-8810/08-231 |
| | | | | 26.0 | 880 | 1.96 | | 21.6 | 880 | 1.89 | 02-8811/08-231 |
| | 0.4 | 1/2 | | 52.1 | 880 | 1.01 | | 43.1 | 880 | 1.02 | 05-8811/08-231 |
| | | | | 52.5 | 1365 | 1.51 | | 43.3 | 1365 | 1.81 | 05-8813/09-231 |
| | 0.75 | 1 | | 51.0 | 880 | <1.0 | | 51.0 | 880 | <1.0 | 1-8811/09-231 |
| | | | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 1-8813/09-231 |
| | | | | 94.7 | 1500 | 1.09 | | 78.9 | 1500 | 1.29 | 1-8814/09-231 |
| | | | | 94.7 | 2050 | 1.53 | | 78.9 | 2050 | 1.77 | 1-8816/09-231 |
| | | | | 183 | 2050 | <1.0 | | 158 | 2050 | 1.16 | 2-8816/10-231 |
| | | | | 189 | 2900 | 1.47 | | 158 | 2900 | 1.76 | 2-8817/10-231 |
| | 1.5 | 2 | | 278 | 2900 | 1.00 | | 232 | 2900 | 1.20 | 3-8817/10-231 |
| | | | | 278 | 4000 | 1.13 | | 232 | 4000 | 1.27 | 3-8818/10-231 |
| | | | | 278 | 4000 | 1.48 | | 232 | 4000 | 1.77 | 3-8818/13-231 |
| | 2.2 | 3 | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 5-8817/11-231 |
| | | | | 410 | 4000 | <1.0 | | 389 | 4000 | 1.05 | 5-8818/13-231 |
| | | | | 467 | 5400 | 1.20 | | 389 | 5400 | 1.35 | 5-8819/11-231 |
| | | | | 467 | 5400 | 1.56 | | 389 | 5400 | 1.84 | 5-8819/13-231 |
| | 5.5 | 7.5 | | 694 | 5400 | 1.05 | | 579 | 5400 | 1.23 | 8-8819/13-231 |
| | | | | 694 | 8000 | 1.05 | | 579 | 8000 | 1.26 | 8-8820/13-231 |
| | | | | 694 | 8800 | 1.39 | | 579 | 8800 | 1.66 | 8-8821/13-231 |
| | | | | 730 | 7000 | <1.0 | | 735 | 8000 | <1.0 | 10-8820/13-231 |
| | 7.5 | 10 | | 947 | 8800 | 1.02 | | 790 | 8800 | 1.22 | 10-8821/13-231 |
| | | | | 947 | 11900 | 1.32 | | 798 | 10900 | 1.32 | 10-8822/13-231 |
| | | | | 965 | 8800 | <1.0 | | 968 | 8800 | <1.0 | 15-8821/16-231 |
| | | | | 1275 | 11900 | <1.0 | | 1158 | 10900 | 1.08 | 15-8822/17-231 |
| | 11 | 15 | | 1389 | 14000 | 1.14 | | 1158 | 13800 | 1.31 | 15-8823/16-231 |
| | | | | 1389 | 16000 | 1.45 | | 1158 | 15300 | 1.65 | 15-8824/16-231 |
| | | | | 1590 | 14000 | <1.0 | | 1520 | 13800 | <1.0 | 20-8823/16-231 |
| | | | | 1894 | 16000 | 1.07 | | 1578 | 15300 | 1.21 | 20-8824/16-231 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 231 (21×11) | 15 | 20 | 6.5 | 1894 | 19400 | 1.40 | 7.8 | 1578 | 19100 | 1.68 | 20-8825/17-231 |
| | | | | 2050 | 16000 | <1.0 | | 1947 | 153000 | 1.03 | 25-8824/18-231 |
| | 18.5 | 25 | | 2336 | 19400 | 1.14 | | 1947 | 19100 | 1.36 | 25-8825/17-231 |
| | | | | 2336 | 23700 | 1.48 | | 1947 | 23200 | 1.70 | 25-8826/19+231 |
| | 22 | 30 | | 2050 | 16000 | <1.0 | | 2000 | 15300 | <1.0 | 30-8824/18-231 |
| | | | | 2050 | 19400 | <1.0 | | 2315 | 19100 | 1.14 | 30-8825/17-231 |
| | 30 | 40 | | 2778 | 23700 | 1.24 | | 2315 | 23200 | 1.43 | 30-8826/19-231 |
| | | | | 2650 | 19400 | <1.0 | | 2650 | 19100 | <1.0 | 40-8825/19-231 |
| | 37 | 50 | | 3460 | 23700 | <1.0 | | 3157 | 23200 | 1.05 | 40-8826/19-231 |
| | | | | 3460 | 23700 | <1.0 | | 3304 | 23200 | <1.0 | 50-8826/19-231 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 273 (21×13) | 0.2 | 1/4 | 5.5 | 26.0 | 550 | <1.0 | 6.6 | 24.9 | 550 | 1.05 | 02-8810/08-273 |
| | | | | 29.8 | 880 | 1.70 | | 24.9 | 880 | 2.00 | 02-8811/08-273 |
| | 0.4 | 1/2 | | 51.0 | 880 | <1.0 | | 49.7 | 880 | 1.00 | 05-8811/08-273 |
| | | | | 60.0 | 1365 | 1.30 | | 49.7 | 1365 | 1.55 | 05-8813/09-273 |
| | 0.75 | 1 | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 1-8813/09-273 |
| | | | | 103 | 1500 | <1.0 | | 93.3 | 1500 | 1.09 | 1-8814/10-273 |
| | 1.5 | 2 | | 112 | 2050 | 1.64 | | 93.3 | 2050 | 1.96 | 1-8816/10-273 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 2-8816/10-273 |
| | 2.2 | 3 | | 224 | 2900 | 1.24 | | 186 | 2900 | 1.49 | 2-8817/10-273 |
| | | | | 224 | 4000 | 1.80 | | 186 | 4000 | 1.78 | 2-8818/10-273 |
| | 3.7 | 5 | | 278 | 2900 | <1.0 | | 274 | 2900 | 1.02 | 3-8817/10-273 |
| | | | | 338 | 4000 | 1.23 | | 274 | 4000 | 1.21 | 3-8818/10-273 |
| | 5.5 | 7.5 | | 338 | 4000 | 1.25 | | 274 | 4000 | 1.50 | 3-8818/13-273 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 5-8818/13-273 |
| | 7.5 | 10 | | 552 | 5400 | 1.05 | | 460 | 5400 | 1.17 | 5-8819/11-273 |
| | | | | 552 | 5400 | 1.32 | | 460 | 5400 | 1.59 | 5-8819/13-273 |
| | 11 | 15 | | 730 | 5400 | <1.0 | | 684 | 5400 | 1.07 | 8-8819/13-273 |
| | | | | 821 | 8800 | 1.18 | | 684 | 8800 | 1.42 | 8-8821/13-273 |
| | 15 | 20 | | 821 | 12000 | 1.55 | | 684 | 11900 | 1.71 | 8-8822/13-273 |
| | | | | 965 | 8800 | <1.0 | | 933 | 8800 | 1.04 | 10-8821/13-273 |
| | 18.5 | 25 | | 1119 | 12000 | 1.14 | | 933 | 11900 | 1.36 | 10-8822/17-237 |
| | | | | 1119 | 15000 | 1.44 | | 933 | 14000 | 1.69 | 10-8823/16-273 |
| | 22 | 30 | | 1275 | 12000 | <1.0 | | 1268 | 11900 | <1.0 | 15-8822/17-273 |
| | | | | 1620 | 15000 | <1.0 | | 1368 | 14000 | 1.15 | 15-8823/16-273 |
| | 30 | 40 | | 1642 | 16700 | 1.24 | | 1368 | 16000 | 1.47 | 15-8824/16-273 |
| | | | | 2050 | 16700 | <1.0 | | 1865 | 16000 | 1.08 | 20-8824/16-273 |
| | 3283 | 24900 | | 2239 | 20400 | 1.19 | | 1965 | 19400 | 1.42 | 20-8825/17-273 |
| | | | | 2239 | 24900 | 1.56 | | 1965 | 23700 | 1.86 | 20-8826/19-273 |
| | 2650 | 20400 | | 2650 | 20400 | <1.0 | | 2325 | 19400 | 1.15 | 25-8825/17-273 |
| | | | | 2761 | 24900 | 1.26 | | 2330 | 23700 | 1.51 | 25-8826/19-273 |
| | 2650 | 19400 | | 2650 | 20400 | <1.0 | | 2650 | 19400 | <1.0 | 30-8825/17-273 |
| | | | | 3283 | 24900 | 1.06 | | 2736 | 23700 | 1.27 | 30-8826/19-273 |
| | 3500 | 24900 | | <1.0 | 3470 | 23700 | | <1.0 | 40-8826/19-273 | | |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 319 (29×11) | 0.2 | 1/4 | 4.7 | 26.0 | 550 | <1.0 | 5.6 | 26.0 | 550 | <1.0 | 02-8810/08-319 |
| | | | | 34.9 | 880 | 1.45 | | 29.1 | 880 | 1.75 | 02-8811/08-319 |
| | 0.4 | 1/2 | | 51.0 | 880 | <1.0 | | 51.0 | 880 | <1.0 | 05-8811/08-319 |
| | | | | 69.8 | 1365 | 1.10 | | 58.1 | 1365 | 1.32 | 05-8813/09-319 |
| | | | | 69.8 | 1500 | 1.48 | | 58.1 | 1500 | 1.78 | 05-8814/09-319 |
| | 0.75 | 1 | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 1-8813/09-319 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 1-8814/09-319 |
| | | | | 131 | 2050 | 1.40 | | 109 | 2050 | 1.65 | 1-8816/09-319 |
| | 1.5 | 2 | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 2-8816/10-319 |
| | | | | 262 | 2900 | 1.06 | | 218 | 2900 | 1.23 | 2-8817/10-319 |
| | | | | 262 | 4000 | 1.57 | | 218 | 4000 | 1.75 | 2-8818/10-319 |
| | 2.2 | 3 | | 278 | 2900 | <1.0 | | 269 | 2900 | <1.0 | 3-8817/10-319 |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 3-8817/11-319 |
| | | | | 384 | 4000 | 1.07 | | 320 | 4000 | 1.20 | 3-8818/10-319 |
| | | | | 384 | 4000 | 1.07 | | 320 | 4000 | 1.28 | 3-8818/13-319 |
| | | | | 384 | 5400 | 1.62 | | 320 | 5400 | 1.69 | 3-8819/11-319 |
| | 3.7 | 5 | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 5-8818/13-319 |
| | | | | 645 | 5400 | 1.13 | | 538 | 5400 | 1.31 | 5-8819/13-319 |
| | | | | 645 | 8800 | 1.49 | | 538 | 8800 | 1.79 | 5-8821/13-319 |
| | 5.5 | 7.5 | | 730 | 5400 | <1.0 | | 703 | 5400 | <1.0 | 8-8819/13-319 |
| | | | | 959 | 8800 | 1.04 | | 799 | 8800 | 1.21 | 8-8821/13-319 |
| | | | | 959 | 12300 | 1.33 | | 799 | 12000 | 1.55 | 8-8822/13-319 |
| | 7.5 | 10 | | 965 | 8800 | <1.0 | | 965 | 8800 | <1.0 | 10-8821/13-319 |
| | | | | 1275 | 12300 | <1.0 | | 1090 | 12000 | 1.13 | 10-8822/13-319 |
| | | | | 1308 | 15400 | 1.20 | | 1090 | 1000 | 1.39 | 10-8823/16-319 |
| | 11 | 15 | | 1275 | 12300 | <1.0 | | 1238 | 12000 | <1.0 | 15-8822/17-319 |
| | | | | 1570 | 15400 | <1.0 | | 1511 | 15000 | <1.0 | 15-8823/16-319 |
| | | | | 1918 | 17000 | 1.05 | | 1600 | 16700 | 1.19 | 15-8824/16-319 |
| | | | | 1918 | 21000 | 1.38 | | 1600 | 20400 | 1.65 | 15-8825/17-319 |
| | | | | 2030 | 17000 | <1.0 | | 1970 | 16700 | <1.0 | 20-8824/18-319 |
| | 15 | 20 | | 2616 | 21000 | 1.01 | | 2200 | 20400 | 1.21 | 20-8825/17-319 |
| | | | | 2616 | 25700 | 1.34 | | 2200 | 24900 | 1.53 | 20-8826/19-319 |
| | | | | 2650 | 21000 | <1.0 | | 2650 | 20300 | <1.0 | 25-8825/17-319 |
| | 18.5 | 25 | | 3226 | 25700 | 1.09 | | 2688 | 24900 | 1.24 | 25-8826/19-319 |
| | | | | 3226 | 20000 | 1.83 | | 2688 | 20000 | 2.05 | 25-8827/19-319 |
| | | | | 3500 | 25700 | <1.0 | | 3197 | 24900 | 1.04 | 30-8826/19-319 |
| | 22 | 30 | | 3836 | 20000 | 1.54 | | 3197 | 20000 | 1.72 | 30-8827/19-319 |
| 5300 | | | 20000 | 1.13 | 4360 | 20000 | 1.26 | 40-8827/19-319 | | | |
| 37 | 50 | 5900 | 20000 | <1.0 | 5377 | 20000 | 1.02 | 50-8827/19-319 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 377 (29×13) | 0.2 | 1/4 | 4.0 | 26.0 | 550 | <1.0 | 4.8 | 25.8 | 550 | <1.0 | 02-8810/08-377 |
| | | | | 41.2 | 880 | 1.25 | | 35.0 | 880 | 1.50 | 02-8811/08-377 |
| | 0.4 | 1/2 | | 51.0 | 880 | <1.0 | | 51.5 | 880 | <1.0 | 05-8811/08-377 |
| | | | | 77.0 | 1365 | <1.0 | | 69.1 | 1365 | 1.12 | 05-8813/09-377 |
| | | | | 82.4 | 1500 | 1.25 | | 69.5 | 1500 | 1.50 | 05-8814/09-377 |
| | 0.75 | 1 | | 77.0 | 1365 | <1.0 | | 77.5 | 1365 | <1.0 | 1-8813/09-377 |
| | | | | 103 | 1500 | <1.0 | | 104 | 1500 | <1.0 | 1-8814/09-377 |
| | | | | 154 | 2050 | 1.19 | | 135 | 2050 | 1.41 | 1-8816/09-377 |
| | | | | 154 | 2900 | 1.80 | | 135 | 2900 | 2.16 | 1-8817/10-377 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 377 (29×13) | 1.5 | 2 | 4.0 | 183 | 2050 | <1.0 | 4.8 | 183 | 2050 | <1.0 | 2-8816/10-377 |
| | | | | 278 | 2900 | <1.0 | | 265 | 2900 | 1.08 | 2-8817/10-377 |
| | | | | 309 | 4000 | 1.33 | | 265 | 4000 | 1.59 | 2-8818/10-377 |
| | 2.2 | 3 | | 410 | 4000 | <1.0 | | 385 | 4000 | 1.07 | 3-8818/10-377 |
| | | | | 453 | 5400 | 1.61 | | 385 | 5400 | 1.93 | 3-8819/13-377 |
| | | | | 730 | 5400 | <1.0 | | 645 | 5400 | 1.15 | 5-8819/13-377 |
| | 3.7 | 5 | | 762 | 8800 | 1.26 | | 645 | 8800 | 1.53 | 5-8821/13-377 |
| | | | | 730 | 5400 | <1.0 | | 735 | 5400 | <1.0 | 8-8819/13-377 |
| | | | | 965 | 8800 | <1.0 | | 960 | 8800 | 1.03 | 8-8821/13-377 |
| | 5.5 | 7.5 | | 1134 | 13200 | 1.12 | | 960 | 12300 | 1.32 | 8-8822/17-377 |
| | | | | 1134 | 16300 | 1.43 | | 965 | 15400 | 1.65 | 8-8823/16-377 |
| | | | | 1275 | 13200 | <1.0 | | 1290 | 12300 | <1.0 | 10-8822/17-377 |
| | | | | 1546 | 16300 | 1.05 | | 1300 | 15400 | 1.21 | 10-8823/16-377 |
| | 7.5 | 10 | | 1546 | 18500 | 1.33 | | 1300 | 17000 | 1.55 | 10-8824/16/377 |
| | | | | 1620 | 16300 | <1.0 | | 1600 | 15400 | <1.0 | 15-8823/16-377 |
| | | | | 2050 | 18500 | <1.0 | | 1920 | 17000 | 1.05 | 15-8824/16-377 |
| | 11 | 15 | | 2267 | 22000 | 1.16 | | 1920 | 21000 | 1.40 | 15-8825/17-377 |
| | | | | 2267 | 27300 | 1.54 | | 1920 | 25700 | 1.85 | 15/8826/19-377 |
| | | | | 2650 | 22000 | <1.0 | | 2595 | 21000 | 1.03 | 20-8825/17-377 |
| | 15 | 20 | | 3091 | 27300 | 1.13 | | 2605 | 25700 | 1.36 | 20-8826/19-377 |
| | | | | 3091 | 20000 | 1.99 | | 2605 | 20000 | 2.25 | 20-8827/19-377 |
| | | | | 3500 | 27300 | <1.0 | | 3210 | 25700 | 1.10 | 25-8826/19-377 |
| | 18.5 | 25 | | 3813 | 20000 | 1.61 | | 3215 | 20000 | 1.83 | 25-8827/19-377 |
| | | | | 3500 | 27300 | <1.0 | | 3520 | 25700 | <1.0 | 30-8826/19-377 |
| 22 | 30 | 4534 | 20000 | 1.35 | 3830 | 20000 | 1.54 | 30-8827/19-377 | | | |
| | | 6150 | 20000 | <1.0 | 5220 | 20000 | 1.13 | 40-8827/19-377 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 473 (43×11) | 0.2 | 1/4 | 3.2 | 51.7 | 880 | 1.00 | 3.8 | 43.1 | 880 | 1.20 | 02-8811/08-473 |
| | | | | 51.7 | 1350 | 1.50 | | 43.1 | 1365 | 1.80 | 02-8813/08-473 |
| | 0.4 | 1/2 | | 51.0 | 880 | <1.0 | | 51.0 | 880 | <1.0 | 05-8811/08-473 |
| | | | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 05-8813/08-473 |
| | | | | 103 | 1500 | 1.00 | | 86.2 | 1500 | 1.20 | 05-8814/09-473 |
| | | | | 103 | 2050 | 1.78 | | 86.2 | 2050 | 2.12 | 05-8816/09-473 |
| | 0.75 | 1 | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 1-8814/09-473 |
| | | | | 183 | 2050 | <1.0 | | 162 | 2050 | 1.13 | 1-8816/19-473 |
| | | | | 194 | 2900 | 1.44 | | 162 | 2900 | 1.59 | 1-8817/09-473 |
| | 1.5 | 2 | | 278 | 2900 | <1.0 | | 277 | 2900 | <1.0 | 2-8817/10-473 |
| | | | | 388 | 4000 | 1.05 | | 323 | 4000 | 1.27 | 2-8818/10-473 |
| | | | | 388 | 5400 | 1.52 | | 323 | 5400 | 1.92 | 2-8819/11-473 |
| | 2.2 | 3 | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 3-8818/10-473 |
| | | | | 569 | 5400 | 1.04 | | 474 | 5400 | 1.31 | 3-8819/11-473 |
| | | | | 569 | 5400 | 1.28 | | 474 | 5400 | 1.54 | 3-8819/13-473 |
| | 3.7 | 5 | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 5-8819/13-473 |
| | | | | 855 | 8000 | <1.0 | | 797 | 8000 | 1.07 | 5-8820/13-473 |
| | | | | 957 | 8800 | 1.18 | | 797 | 8800 | 1.42 | 5-8821/13-473 |
| | | | | 957 | 14300 | 1.50 | | 797 | 13200 | 1.79 | 5-8822/13-473 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|--|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | |
| 473 (43×11) | 5.5 | 7.5 | 3.2 | 855 | 8000 | <1.0 | 3.8 | 851 | 8000 | <1.0 | 8-8820/13-473 | |
| | | | | 1130 | 8800 | <1.0 | | 1130 | 8800 | <1.0 | 8-8821/13-473 | |
| | | | | 1422 | 14300 | 1.01 | | 1185 | 13200 | 1.20 | 8-8822/13-473 | |
| | | | | 1422 | 18000 | 1.28 | | 1185 | 16300 | 1.48 | 8-8823/16-473 | |
| | 7.5 | 10 | | 1440 | 14300 | <1.0 | | 1429 | 13200 | <1.0 | 10-8822/13-473 | |
| | | | | 1825 | 18000 | <1.0 | | 1616 | 16300 | 1.09 | 10-8823/16-473 | |
| | | | | 1939 | 19500 | 1.21 | | 1616 | 18500 | 1.43 | 10-8824/16-473 | |
| | | | | 1939 | 24000 | 1.57 | | 1616 | 22000 | 1.89 | 10-8825/17-473 | |
| | 11 | 15 | | 2350 | 19500 | <1.0 | | 2310 | 18500 | <1.0 | 15-8824/16-473 | |
| | | | | 2844 | 24000 | 1.07 | | 2370 | 22000 | 1.29 | 15-8824/17-473 | |
| | | | | 2844 | 27800 | 1.45 | | 2370 | 27300 | 1.69 | 15-8826/19-473 | |
| | | | | 3050 | 24000 | <1.0 | | 3050 | 22000 | <1.0 | 20-8825/17-473 | |
| | 15 | 20 | | 3879 | 27800 | 1.07 | | 3232 | 27300 | 1.23 | 20-8826/19-473 | |
| | | | | 3879 | 20000 | 1.59 | | 3232 | 20000 | 1.78 | 20-8827/19-473 | |
| | | | | 4140 | 27800 | <1.0 | | 3986 | 27300 | 1.00 | 25-8826/19-473 | |
| | | | | 4784 | 20000 | 1.29 | | 3986 | 20000 | 1.44 | 25-8827/19-473 | |
| | 18.5 | 25 | | 5689 | 20000 | 1.08 | | 4740 | 20000 | 1.21 | 30-8827/19-473 | |
| | | | | 6150 | 20000 | <1.0 | | 5753 | 20000 | <1.0 | 40-8827/19-473 | |
| | 22 | 30 | | | | | | | | | | |
| | 30 | 40 | | | | | | | | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 559 (43×13) | 0.2 | 1/4 | 2.7 | 51.0 | 880 | <1.0 | 3.2 | 50.9 | 880 | 1.00 | 02-8811/08-559 |
| | | | | 61.1 | 1365 | 1.25 | | 50.9 | 1365 | 1.50 | 02-8813/08-559 |
| | 77.0 | 1365 | | <1.0 | 77.0 | 1365 | | <1.0 | 05-8813/08-559 | | |
| | 0.4 | 1/2 | | 103 | 1500 | <1.0 | | 102 | 1500 | 1.00 | 05-8814/08-559 |
| | | | | 122 | 2050 | 1.50 | | 102 | 2050 | 1.80 | 05-8816/09-559 |
| | 0.75 | 1 | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 1-8816/09-559 |
| | | | | 229 | 2900 | 1.21 | | 191 | 2900 | 1.41 | 1-8817/09-559 |
| | | | | 229 | 4000 | 1.79 | | 191 | 4000 | 2.15 | 1-8818/10-559 |
| | | | | 278 | 2900 | <1.0 | | 277 | 2900 | <1.0 | 2-8817/10-559 |
| | 1.5 | 2 | | 410 | 4000 | <1.0 | | 382 | 4000 | 1.07 | 2-8818/10-559 |
| | | | | 458 | 5400 | 1.33 | | 382 | 5400 | 1.56 | 2-8819/11-559 |
| | | | | 610 | 5400 | <1.0 | | 560 | 5400 | 1.06 | 3-8819/11-559 |
| | | | | 672 | 5400 | 1.09 | | 560 | 5400 | 1.30 | 3-8819/13-559 |
| | 2.2 | 3 | | 672 | 8000 | 1.27 | | 560 | 8000 | 1.50 | 3-8820/13-559 |
| | | | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 5-8819/13-559 |
| | | | | 855 | 8000 | <1.0 | | 240 | 8800 | <1.0 | 5-8820/13-559 |
| | | | | 1131 | 8800 | 1.00 | | 942 | 8800 | 1.20 | 5-8821/13-559 |
| | 3.7 | 5 | | 1131 | 14300 | 1.27 | | 942 | 14300 | 1.52 | 5-8822/13-559 |
| | | | | 1440 | 14300 | <1.0 | | 1401 | 14300 | 1.02 | 8-8822/13-559 |
| | | | | 1681 | 18000 | 1.08 | | 1401 | 18000 | 1.30 | 8-8823/16-559 |
| | | | | 1681 | 19500 | 1.40 | | 1401 | 19500 | 1.69 | 8-8824/16-559 |
| | 5.5 | 7.5 | | 1825 | 18000 | <1.0 | | 1820 | 18000 | <1.0 | 10-8823/16-559 |
| | | | | 2292 | 19500 | 1.2 | | 1910 | 19500 | 1.24 | 10-8824/16-559 |
| | | | | 2292 | 24000 | 1.33 | | 1910 | 24000 | 1.59 | 10-8825/17-559 |
| | | | | 3050 | 24000 | <1.0 | | 2801 | 24000 | 1.08 | 15-8825/17-559 |
| | 7.5 | 10 | | 3361 | 27800 | 1.23 | | 2801 | 27800 | 1.46 | 15-8826/19-559 |
| | | | | 3361 | 20000 | 1.83 | | 2801 | 20000 | 2.18 | 15-8827/19-559 |
| | | | | 4140 | 27800 | <1.0 | | 3820 | 27800 | 1.07 | 20-8826/19-559 |
| | | | | 4584 | 20000 | 1.34 | | 3820 | 20000 | 1.60 | 20-8827/19-559 |
| | 15 | 20 | | 5653 | 20000 | 1.09 | | 4711 | 20000 | 1.30 | 25-8827/19-559 |
| | | | | 6150 | 20000 | <1.0 | | 5602 | 20000 | 1.09 | 30-8827/19-559 |
| | 18.5 | 25 | | | | | | | | | |
| 22 | 30 | | | | | | | | | | |

▶ S.F 가 "(1)" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 649 (59×11) | 0.2 | 1/4 | 2.3 | 51.0 | 880 | <1.0 | 2.8 | 51.0 | 880 | <1.0 | 02-8811/08-649 |
| | | | | 59.1 | 1365 | 1.10 | | 59.1 | 1365 | 1.30 | 02-8813/08-649 |
| | | | | 59.1 | 1500 | 1.45 | | 59.1 | 1500 | 1.75 | 02-8814/08-649 |
| | 0.4 | 1/2 | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 05-8813/08-649 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 05-8814/08-649 |
| | | | | 142 | 2050 | 1.30 | | 118 | 2050 | 1.55 | 05-8816/09-649 |
| | 0.75 | 1 | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 1-8816/09-649 |
| | | | | 266 | 2900 | 1.04 | | 222 | 2900 | 1.20 | 1-8817/09-649 |
| | | | | 266 | 4000 | 1.55 | | 222 | 4000 | 1.84 | 1-8818/09-649 |
| | 1.5 | 2 | | 278 | 2900 | <1.0 | | 276 | 2900 | <1.0 | 2-8817/10-649 |
| | | | | 410 | 4000 | <1.0 | | 408 | 4000 | <1.0 | 2-8818/10-649 |
| | | | | 532 | 5400 | 1.19 | | 443 | 5400 | 1.37 | 2-8819/11-649 |
| | 2.2 | 3 | | 630 | 5400 | <1.0 | | 610 | 5400 | <1.0 | 3-8819/11-649 |
| | | | | 780 | 8000 | 1.10 | | 650 | 8000 | 1.29 | 3-8820/13-649 |
| | | | | 780 | 8800 | 1.44 | | 650 | 8800 | 1.74 | 3-8821/13-649 |
| | 3.7 | 5 | | 630 | 5400 | <1.0 | | 610 | 5400 | <1.0 | 5-8819/11-649 |
| | | | | 855 | 8000 | <1.0 | | 840 | 8000 | <1.0 | 5-8820/13-649 |
| | | | | 1130 | 8800 | <1.0 | | 1094 | 8800 | 1.04 | 5-8821/13-649 |
| | 5.5 | 7.5 | | 1313 | 14700 | 1.10 | | 1094 | 14300 | 1.31 | 5-8822/13-649 |
| | | | | 1313 | 18000 | 1.39 | | 1094 | 18000 | 1.62 | 5-8823/16-649 |
| | | | | 1440 | 14700 | <1.0 | | 1430 | 14300 | <1.0 | 8-8822/13-649 |
| | 7.5 | 10 | | 1825 | 18000 | <1.0 | | 1626 | 18000 | 1.09 | 8-8823/16-649 |
| | | | | 1951 | 21000 | 1.20 | | 1626 | 19500 | 1.41 | 8-8824/16-649 |
| | | | | 1951 | 26000 | 1.56 | | 1626 | 24000 | 1.87 | 8-8825/17-649 |
| | 11 | 15 | | 2350 | 21000 | <1.0 | | 2217 | 19500 | 1.04 | 10-8824/16-649 |
| | | | | 2661 | 26000 | 1.15 | | 2217 | 24000 | 1.37 | 10-8825/17-649 |
| | | | | 2661 | 27800 | 1.56 | | 2217 | 27800 | 1.80 | 10-8826/19-649 |
| | 15 | 20 | | 3050 | 26000 | <1.0 | | 3050 | 24000 | <1.0 | 15-8825/17-649 |
| | | | | 3903 | 27800 | 1.06 | | 3252 | 27800 | 1.23 | 15-8826/19-649 |
| | | | | 3903 | 20000 | 1.57 | | 3252 | 20000 | 1.83 | 15-8827/19-649 |
| 18.5 | 25 | 4140 | 27800 | <1.0 | 4000 | 27800 | <1.0 | 20-8826/19-649 | | | |
| | | 5322 | 20000 | 1.15 | 4435 | 20000 | 1.34 | 20-8827/19-649 | | | |
| | | 6150 | 20000 | <1.0 | 5470 | 20000 | 1.09 | 25-8827/19-649 | | | |
| 22 | 30 | 6150 | 20000 | <1.0 | 5950 | 20000 | <1.0 | 30-8827/19-649 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 731 (43×17) | 0.2 | 1/4 | 2.1 | 51.0 | 880 | <1.0 | 2.5 | 51.0 | 880 | <1.0 | 02-8811/08-731 |
| | | | | 79.9 | 1365 | 1.00 | | 66.6 | 1365 | 1.15 | 02-8813/08-731 |
| | | | | 79.9 | 1500 | 1.30 | | 66.6 | 1500 | 1.55 | 02-8814/08-731 |
| | 0.4 | 1/2 | | 77.0 | 1365 | <1.0 | | 77.1 | 1365 | <1.0 | 05-8813/08-731 |
| | | | | 103 | 1500 | <1.0 | | 102 | 1500 | <1.0 | 05-8814/08-731 |
| | | | | 160 | 2050 | 1.15 | | 133 | 2050 | 1.38 | 05-8816/09-731 |
| | 0.75 | 1 | | 160 | 2900 | 1.75 | | 133 | 2900 | 2.08 | 05-8817/09-731 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 1-8816/09-731 |
| | | | | 278 | 2900 | <1.0 | | 250 | 2900 | 1.11 | 1-8817/09-731 |
| | 1.5 | 2 | | 300 | 4000 | 1.36 | | 250 | 4000 | 1.64 | 1-8818/10-731 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 2-8818/10-731 |
| | | | | 599 | 5400 | 1.13 | | 500 | 5400 | 1.26 | 2-8819/11-731 |
| | 2.2 | 3 | | 599 | 8000 | 1.47 | | 500 | 8000 | 1.68 | 2-8820/13-731 |
| | | | | 680 | 5400 | <1.0 | | 631 | 5400 | <1.0 | 3-8819/11-731 |
| | | | | 879 | 8800 | 1.29 | | 733 | 8800 | 1.54 | 3-8821/13-731 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 731 (43×17) | 3.7 | 5 | 2.1 | 855 | 8000 | <1.0 | 2.5 | 840 | 8000 | <1.0 | 5-8820/13-731 |
| | | | | 1130 | 8800 | <1.0 | | 1136 | 8800 | <1.0 | 5-8821/13-731 |
| | | | | 1440 | 14700 | <1.0 | | 1232 | 14500 | 1.17 | 5-8822/13-731 |
| | | | | 1478 | 18000 | 1.24 | | 1232 | 18000 | 1.48 | 5-8823/16-731 |
| | 5.5 | 7.5 | | 1440 | 14700 | <1.0 | | 1440 | 14500 | <1.0 | 8-8822/13-731 |
| | | | | 1825 | 18000 | <1.0 | | 1832 | 18000 | 1.00 | 8-8823/16-731 |
| | | | | 2198 | 21000 | 1.07 | | 1832 | 20200 | 1.29 | 8-8824/16-731 |
| | | | | 2198 | 26000 | 1.39 | | 2368 | 18200 | 1.66 | 8-8825/17-731 |
| | 7.5 | 10 | | 2350 | 21000 | <1.0 | | 2498 | 20200 | <1.0 | 10-8824/16-731 |
| | | | | 2997 | 26000 | 1.02 | | 2498 | 25000 | 1.22 | 10-8825/17-731 |
| | | | | 2997 | 27800 | 1.39 | | 2498 | 27800 | 1.64 | 10-8826/19-731 |
| | | | | 3050 | 26000 | <1.0 | | 3050 | 26000 | <1.0 | 15-8825/17-731 |
| | 11 | 15 | | 4140 | 27800 | <1.0 | | 3663 | 27800 | 1.12 | 15-8826/19-731 |
| | | | | 4396 | 20000 | 1.40 | | 3663 | 20000 | 1.67 | 15-8827/19-731 |
| | | | | 4140 | 27800 | <1.0 | | 4100 | 27800 | <1.0 | 20-8826/19-731 |
| | 15 | 20 | | 5994 | 20000 | 1.03 | | 4995 | 20000 | 1.23 | 20-8827/19-731 |
| | | | | 6150 | 20000 | <1.0 | | 6161 | 20000 | 1.00 | 25-8827/19-731 |
| | 18.5 | 25 | | 6150 | 20000 | <1.0 | | 6140 | 20000 | <1.0 | 30-8827/19-731 |
| | 22 | 30 | | 6150 | 20000 | <1.0 | | 6140 | 20000 | <1.0 | 30-8827/19-731 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 841 (29×29) | 0.2 | 1/4 | 1.8 | 51.0 | 880 | <1.0 | 2.1 | 51.0 | 880 | <1.0 | 02-8811/08-841 |
| | | | | 91.9 | 1350 | 1.00 | | 76.6 | 1365 | 1.00 | 02-8813/08-841 |
| | | | | 91.9 | 1500 | 1.10 | | 76.6 | 1500 | 1.25 | 02-8814/09-841 |
| | | | | 91.9 | 2050 | 2.00 | | 76.6 | 2050 | 2.40 | 02-8816/09-841 |
| | 0.4 | 1/2 | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 05-8814/19-841 |
| | | | | 184 | 2050 | 1.00 | | 153 | 2050 | 1.20 | 05-8816/09-841 |
| | | | | 184 | 2900 | 1.50 | | 153 | 2900 | 1.72 | 05-8817/09-841 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 1-8816/09-841 |
| | 0.75 | 1 | | 278 | 2900 | <1.0 | | 277 | 2900 | <1.0 | 1-8817/10-841 |
| | | | | 345 | 4000 | 1.19 | | 287 | 4000 | 1.43 | 1-8818/10-841 |
| | | | | 345 | 5400 | 2.12 | | 287 | 5400 | 2.52 | 1-8819/11-841 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 2-8818/10-841 |
| | 1.5 | 2 | | 695 | 5400 | 1.06 | | 575 | 5400 | 1.26 | 2-8819/11-841 |
| | | | | 690 | 8800 | 1.47 | | 575 | 8800 | 1.67 | 2-8821/13-841 |
| | | | | 730 | 5400 | <1.0 | | 725 | 5400 | <1.0 | 3-8819/11-841 |
| | | | | 1011 | 8800 | 1.00 | | 843 | 8800 | 1.14 | 3-8821/13-841 |
| | 2.2 | 3 | | 1011 | 14700 | 1.24 | | 843 | 14700 | 1.60 | 3-8822/13-841 |
| | | | | 1250 | 14700 | <1.0 | | 1345 | 14700 | <1.0 | 5-8822/13-841 |
| | | | | 1640 | 18000 | <1.0 | | 1418 | 18000 | 1.14 | 5-8823/16-841 |
| | | | | 1701 | 21000 | 1.20 | | 1418 | 21000 | 1.48 | 5-8824/16-841 |
| | 3.7 | 5 | | 1701 | 26000 | 1.58 | | 1418 | 26000 | 1.90 | 5-8825/17-841 |
| | | | | 1640 | 18000 | <1.0 | | 1624 | 18000 | <1.0 | 8-8823/16-841 |
| | | | | 2050 | 21000 | <1.0 | | 2100 | 21000 | <1.0 | 8-8824/16-841 |
| | | | | 2529 | 26000 | 1.06 | | 2135 | 26000 | 1.28 | 8-8825/17-841 |
| | 5.5 | 7.5 | | 2529 | 27800 | 1.40 | | 2135 | 27800 | 1.71 | 8-8826/19-841 |
| | | | | 2695 | 26000 | <1.0 | | 2690 | 26000 | <1.0 | 10-8825/17-841 |
| | | | | 3448 | 27800 | 1.03 | | 2873 | 27800 | 1.25 | 10-8826/19-841 |
| | | | | 3448 | 22000 | 1.79 | | 2873 | 22000 | 2.13 | 10-8827/19-841 |
| | 7.5 | 10 | | 3540 | 27800 | <1.0 | | 3600 | 27800 | <1.0 | 15-8826/19-841 |
| | | | | 5057 | 20000 | 1.22 | | 4214 | 20000 | 1.45 | 15-8827/19-841 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|----------------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 841 (29×29) | 15 | 20 | 1.8 | 6150 | 20000 | <1.0 | 2.1 | 5747 | 20000 | 1.07 | 20-8827/19-841 |
| | 18.5 | 25 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 25-8827/19-841 |
| | 22 | 30 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 30-8827/19-841 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 1003 (59×17) | 0.2 | 1/4 | 1.5 | 51.0 | 880 | <1.0 | 1.8 | 51.0 | 880 | <1.0 | 02-8811/08-1003 |
| | | | | 77.0 | 1365 | <1.0 | | 77.0 | 1365 | <1.0 | 02-8813/08-1003 |
| | | | | 103 | 1500 | <1.0 | | 91.4 | 1500 | 1.10 | 02-8814/08-1003 |
| | | | | 110 | 2050 | 1.67 | | 91.4 | 2050 | 1.67 | 02-8816/09-1003 |
| | 0.4 | 1/2 | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 05-8814/08-1003 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 05-8816/09-1003 |
| | | | | 219 | 2900 | 1.28 | | 183 | 2900 | 1.52 | 05-8817/09-1003 |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 1-8817/09-1003 |
| | 0.75 | 1 | | 411 | 4000 | 1.00 | | 343 | 4000 | 1.20 | 1-8818/10-1003 |
| | | | | 411 | 5400 | 1.75 | | 343 | 5400 | 1.91 | 1-8819/11-1003 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 2-8818/10-1003 |
| | | | | 720 | 5400 | <1.0 | | 653 | 5400 | <1.0 | 2-8819/11-1003 |
| | 1.5 | 2 | | 822 | 8000 | 1.02 | | 685 | 8000 | 1.22 | 2-8820/13-1003 |
| | | | | 822 | 8800 | 1.37 | | 685 | 8800 | 1.66 | 2-8821/13-1003 |
| | | | | 720 | 5400 | <1.0 | | 653 | 5400 | <1.0 | 3-8819/11-1003 |
| | | | | 840 | 8000 | <1.0 | | 840 | 8000 | <1.0 | 3-8820/13-1003 |
| | 2.2 | 3 | | 1130 | 8800 | <1.0 | | 1005 | 8800 | 1.13 | 3-8821/13-1003 |
| | | | | 1206 | 14700 | 1.20 | | 1005 | 14700 | 1.43 | 3-8822/13-1003 |
| | | | | 1206 | 18000 | 1.51 | | 1005 | 18000 | 1.81 | 3-8823/16-1003 |
| | | | | 1440 | 14700 | <1.0 | | 1440 | 14700 | <1.0 | 5-8822/13-1003 |
| | 3.7 | 5 | | 1825 | 18000 | <1.0 | | 1691 | 18000 | 1.08 | 5-8823/16-1003 |
| | | | | 2029 | 21000 | 1.16 | | 1691 | 21000 | 1.39 | 5-8824/16-1003 |
| | | | | 2029 | 26000 | 1.50 | | 1691 | 26000 | 1.80 | 5-8825/17-1003 |
| | | | | 2350 | 21000 | <1.0 | | 2350 | 21000 | <1.0 | 8-8824/16-1003 |
| | 5.5 | 7.5 | | 3016 | 26000 | 1.01 | | 2513 | 26000 | 1.21 | 8-8825/17-1003 |
| | | | | 3016 | 27800 | 1.37 | | 2513 | 27800 | 1.63 | 8-8826/19-1003 |
| | | | | 3050 | 26000 | <1.0 | | 3050 | 26000 | <1.0 | 10-8825/17-1003 |
| | | | | 4112 | 27800 | 1.01 | | 3427 | 27800 | 1.20 | 10-8826/19-1003 |
| | 7.5 | 10 | | 4112 | 2000 | 1.49 | | 3427 | 20000 | 1.79 | 10-8827/19-1003 |
| | | | | 4140 | 27800 | <1.0 | | 4100 | 27800 | 1.0 | 15-8826/19-1003 |
| | | | | 6031 | 20000 | 1.02 | | 5026 | 20000 | 1.22 | 15-8827/19-1003 |
| | | | | 6150 | 20000 | <1.0 | | 6140 | 20000 | <1.0 | 20-8827/19-1003 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 1247 (43×29) | 0.2 | 1/4 | 1.2 | 77.0 | 1365 | <1.0 | 1.4 | 77.0 | 1365 | <1.0 | 02-8813/08-1247 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-1247 |
| | | | | 136 | 2050 | 1.34 | | 114 | 2050 | 1.61 | 02-8816/09-1247 |
| | 183 | 2050 | | <1.0 | 183 | 2050 | | <1.0 | 05-8816/09-1247 | | |
| | 0.4 | 1/2 | | 278 | 2900 | <1.0 | | 227 | 2900 | 1.22 | 05-8817/19-1247 |
| | | | | 273 | 4000 | 1.50 | | 227 | 4000 | 1.80 | 05-8818/10-1247 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력하중토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | | |
|-----------------|-------|-------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|------|----------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | | |
| 1247 (43×29) | 0.75 | 1 | 1.2 | 278 | 2900 | <1.0 | 1.4 | 278 | 2900 | <1.0 | 1-8817/09-1247 | | |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 1-8818/10-1247 | | |
| | | | | 511 | 5400 | 1.43 | | 426 | 5400 | 1.71 | 1-8819/11-1247 | | |
| | 1.5 | 2 | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 2-8819/11-1247 | | |
| | | | | 840 | 800 | <1.0 | | 810 | 5400 | <1.0 | 2-8820/11-1247 | | |
| | | | | 1022 | 8800 | 1.10 | | 852 | 8000 | 1.34 | 2-8821/13-1247 | | |
| | | | | 1022 | 14700 | 1.39 | | 852 | 14700 | 1.69 | 2-8822/13-1247 | | |
| | | | | 2.2 | 3 | 1130 | | 8800 | <1.0 | 1140 | 8800 | <1.0 | 3-8821/13-1247 |
| | | | | | | 1420 | | 14700 | <1.0 | 1250 | 14700 | 1.15 | 3-8822/13-1247 |
| | 1500 | 18000 | | | | 1.22 | | 1250 | 18000 | 1.45 | 3-8823/16-1247 | | |
| | 1500 | 21000 | | | | 1.57 | | 1250 | 21000 | 1.88 | 3-8824/16-1247 | | |
| | 1420 | 14700 | | | | <1.0 | | 1440 | 14700 | <1.0 | 5-8822/13-1247 | | |
| | 1825 | 18000 | | | | <1.0 | | 1820 | 18000 | <1.0 | 5-8823/16-1247 | | |
| | 3.7 | 5 | | 2350 | 21000 | <1.0 | | 2102 | 21000 | 1.12 | 5-8824/16-1247 | | |
| | | | | 2522 | 26000 | 1.21 | | 2102 | 26000 | 1.45 | 5-8825/17-1247 | | |
| | | | | 2350 | 21000 | <1.0 | | 2350 | 21000 | <1.0 | 8-8824/17-1247 | | |
| | | | | 3050 | 26000 | <1.0 | | 3050 | 26000 | <1.0 | 8-8825/17-1247 | | |
| | | | | 3124 | 27800 | 1.10 | | 3124 | 27800 | 1.31 | 8-8826/19-1247 | | |
| | | | | 3124 | 20000 | 1.64 | | 3124 | 20000 | 1.97 | 8-8827/19-1247 | | |
| | 7.5 | 10 | | 4140 | 27800 | <1.0 | | 4100 | 27800 | <1.0 | 10-8826/19-1247 | | |
| | | | | 5113 | 20000 | 1.20 | | 4260 | 20000 | 1.44 | 10-8827/19-1247 | | |
| | | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 15-8827/19-1247 | | |
| | 15 | 20 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 20-8827/19-1247 | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 1479 (87×17) | 0.2 | 1/4 | 1.0 | 77.0 | 1365 | <1.0 | 1.2 | 77.0 | 1365 | <1.0 | 02-8813/08-1479 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-1479 |
| | | | | 162 | 2050 | 1.13 | | 135 | 2050 | 1.36 | 02-8816/09-1479 |
| | | | | 162 | 2900 | 1.72 | | 135 | 2900 | 2.05 | 02-8817/09-1479 |
| | 0.4 | 1/2 | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 05-8816/09-1479 |
| | | | | 278 | 2900 | <1.0 | | 270 | 2900 | 1.02 | 05-8817/09-1479 |
| | | | | 323 | 4000 | 1.27 | | 270 | 4000 | 1.88 | 05-8818/10-0179 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 1-8818/10-1479 |
| | 0.75 | 1 | | 606 | 5400 | 1.20 | | 505 | 5400 | 1.44 | 1-8819/11-1479 |
| | | | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 2-8819/11-1479 |
| | | | | 1130 | 8800 | <1.0 | | 950 | 8800 | <1.0 | 2-8821/13-1479 |
| | | | | 1213 | 14700 | 1.17 | | 1011 | 14700 | 1.27 | 2-8822/13-1479 |
| | 2.2 | 3 | | 1420 | 14700 | <1.0 | | 1280 | 14700 | <1.0 | 3-8822/13-1479 |
| | | | | 1640 | 18000 | <1.0 | | 1482 | 18000 | 1.09 | 3-8823/16-1479 |
| | | | | 1779 | 21000 | 1.16 | | 1482 | 21000 | 1.38 | 3-8824/16-1479 |
| | | | | 1640 | 18000 | <1.0 | | 1620 | 18000 | <1.0 | 5-8823/16-1479 |
| | | | | 2070 | 21000 | <1.0 | | 2050 | 21000 | <1.0 | 5-8824/16-1479 |
| | | | | 2695 | 26000 | <1.0 | | 2493 | 26000 | 1.10 | 5-8825/17-1479 |
| | 5.5 | 7.5 | | 2695 | 26000 | <1.0 | | 2750 | 26000 | <1.0 | 8-8825/17-1479 |
| | | | | 3650 | 27800 | <1.0 | | 3692 | 27800 | <1.0 | 8-8826/19-1479 |
| | | | | 4447 | 20000 | 1.38 | | 3706 | 20000 | 1.66 | 8-8827/19-1479 |
| | | | | 6064 | 20000 | 1.01 | | 5053 | 20000 | 1.22 | 10-8827/19-1479 |
| | 11 | 15 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 15-8827/19-1479 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 1849 (43 x 43) | 0.2 | 1/4 | 0.81 | 77.0 | 1365 | <1.0 | 0.97 | 77.0 | 1365 | <1.0 | 02-8813/08-1849 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-1849 |
| | | | | 202 | 2900 | 1.38 | | 168 | 2900 | 1.65 | 02-8817/09-1849 |
| | 0.4 | 1/2 | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 05-8816/09-1849 |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 05-8817/09-1849 |
| | | | | 404 | 4000 | 1.01 | | 337 | 4000 | 1.22 | 05-8818/10-1849 |
| | 0.75 | 1 | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 1-8818/10-1849 |
| | | | | 730 | 5400 | <1.0 | | 632 | 5400 | 1.16 | 1-8819/11-1849 |
| | | | | 758 | 8000 | 1.07 | | 632 | 8000 | 1.28 | 1-8820/11-1849 |
| | 1.5 | 2 | | 810 | 8000 | <1.0 | | 810 | 8000 | <1.0 | 2-8820/11-1849 |
| | | | | 1140 | 8800 | <1.0 | | 1140 | 8800 | <1.0 | 2-8821/13-1849 |
| | | | | 1440 | 14700 | <1.0 | | 1263 | 14700 | 1.14 | 2-8822/13-1849 |
| | 2.2 | 3 | | 1440 | 14700 | <1.0 | | 1440 | 14700 | <1.0 | 3-8822/13-1849 |
| | | | | 1825 | 18000 | <1.0 | | 1820 | 18000 | <1.0 | 3-8823/16-1849 |
| | | | | 2224 | 21000 | 1.05 | | 1853 | 21000 | 1.27 | 3-8824/16-1849 |
| | 3.7 | 5 | | 2350 | 21000 | <1.0 | | 2350 | 21000 | <1.0 | 5-8824/16-1849 |
| | | | | 3050 | 26000 | <1.0 | | 3050 | 26000 | <1.0 | 5-8825/17-1849 |
| | 5.5 | 7.5 | | 4140 | 27800 | <1.0 | | 4100 | 27800 | <1.0 | 8-8826/19-1849 |
| | | | | 5559 | 20000 | 1.11 | | 4633 | 20000 | 1.33 | 8-8827/19-1849 |
| | 7.5 | 10 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-1849 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 2065 (59 x 35) | 0.2 | 1/4 | 0.73 | 77.0 | 1365 | <1.0 | 0.87 | 77.0 | 1365 | <1.0 | 02-8813/08-2065 |
| | | | | 103 | 1500 | <1.0 | | 102 | 1500 | <1.0 | 02-8814/08-2065 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-2065 |
| | 0.4 | 1/2 | | 226 | 2900 | 1.23 | | 188 | 2900 | 1.48 | 02-8817/09-2065 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 05-8816/09-2065 |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 05-8817/09-2065 |
| | 0.75 | 1 | | 410 | 4000 | <1.0 | | 325 | 4000 | 1.09 | 05-8818/10-2065 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 1-8818/10-2065 |
| | | | | 730 | 5400 | <1.0 | | 706 | 5400 | 1.04 | 1-8819/11-2065 |
| | 1.5 | 2 | | 810 | 8000 | <1.0 | | 795 | 8000 | <1.0 | 2-8820/11-2065 |
| | | | | 1140 | 8800 | <1.0 | | 1140 | 8800 | <1.0 | 2-8821/13-2065 |
| | | | | 1440 | 14700 | <1.0 | | 1411 | 14700 | 1.02 | 2-8822/13-2065 |
| | 2.2 | 3 | | 1440 | 14700 | <1.0 | | 1440 | 14700 | <1.0 | 3-8822/13-2065 |
| | | | | 1825 | 18000 | <1.0 | | 1820 | 18000 | <1.0 | 3-8823/16-2065 |
| | | | | 2350 | 21000 | <1.0 | | 2070 | 21000 | 1.14 | 3-8824/16-2065 |
| | 3.7 | 5 | | 2350 | 21000 | <1.0 | | 2350 | 21000 | <1.0 | 5-8824/16-2065 |
| | | | | 3050 | 26000 | <1.0 | | 3050 | 26000 | <1.0 | 5-8825/17-2065 |
| | 5.5 | 7.5 | | 4140 | 27800 | <1.0 | | 4100 | 27800 | <1.0 | 8-8826/19-2065 |
| | | | | 6150 | 20000 | <1.0 | | 5174 | 20000 | 1.19 | 8-8827/19-2065 |
| | 7.5 | 10 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-2065 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 2537 (59×43) | 0.2 | 1/4 | 0.59 | 77.0 | 1365 | <1.0 | 0.71 | 77.0 | 1365 | <1.0 | 02-8813/08-2537 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-2537 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-2537 |
| | | | | 278 | 2900 | <1.0 | | 231 | 2900 | 1.20 | 02-8817/09-2537 |
| | 0.4 | 1/2 | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 05-8817/09-2537 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 05-8818/10-2537 |
| | 0.75 | 1 | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 1-8818/10-2537 |
| | | | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 1-8819/11-2537 |
| | | | | 810 | 8000 | <1.0 | | 730 | 8000 | <1.0 | 1-8820/11-2537 |
| | | | | 810 | 8000 | <1.0 | | 785 | 8000 | <1.0 | 2-8820/11-2537 |
| | 1.5 | 2 | | 1140 | 8800 | <1.0 | | 1140 | 8800 | <1.0 | 2-8821/13-2537 |
| | | | | 1440 | 14700 | <1.0 | | 1440 | 14700 | <1.0 | 2-8822/13-2537 |
| | | | | 1825 | 18000 | <1.0 | | 1820 | 18000 | <1.0 | 3-8823/16-2537 |
| | 2.2 | 3 | | 2350 | 21000 | <1.0 | | 2350 | 21000 | <1.0 | 3-8824/16-2537 |
| | | | | 3050 | 26000 | <1.0 | | 3050 | 26000 | <1.0 | 5-8825/17-2537 |
| | 3.7 | 5 | | 4140 | 27800 | <1.0 | | 4100 | 27800 | <1.0 | 8-8826/19-2537 |
| 6150 | | | 20000 | <1.0 | 6150 | 20000 | <1.0 | 8-8827/19-2537 | | | |
| 7.5 | 10 | 6150 | 20000 | <1.0 | 6150 | 20000 | <1.0 | 10-8827/19-2537 | | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 3045 (87×35) | 0.2 | 1/4 | 0.49 | 77.0 | 1365 | <1.0 | 0.59 | 77.0 | 1365 | <1.0 | 02-8813/08-3045 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-3045 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-3045 |
| | | | | 278 | 2900 | <1.0 | | 277 | 2900 | 1.00 | 02-8817/09-3045 |
| | 0.4 | 1/2 | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 05-8817/09-3045 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 05-8818/10-3045 |
| | 0.75 | 1 | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 1-8819/11-3045 |
| | | | | 955 | 8800 | <1.0 | | 950 | 8800 | <1.0 | 2-8821/13-3045 |
| | 1.5 | 2 | | 1250 | 14700 | <1.0 | | 1275 | 14700 | <1.0 | 2-8822/13-3045 |
| | | | | 1650 | 18000 | <1.0 | | 1600 | 18000 | <1.0 | 3-8823/16-3045 |
| | 2.2 | 3 | | 2050 | 21000 | <1.0 | | 2050 | 21000 | <1.0 | 3-8824/16-3045 |
| | | | | 2650 | 26000 | <1.0 | | 2650 | 26000 | <1.0 | 5-8825/17-3045 |
| | 3.7 | 5 | | 3540 | 27800 | <1.0 | | 3520 | 27800 | <1.0 | 8-8826/19-3045 |
| | | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 8-8827/19-3045 |
| | 7.5 | 10 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-3045 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 3481 (59×59) | 0.2 | 1/4 | 0.43 | 77.0 | 1365 | <1.0 | 0.52 | 77.0 | 1365 | <1.0 | 02-8813/08-3481 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-3481 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-3481 |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 02-8817/09-3481 |
| | 0.4 | 1/2 | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 05-8817/09-3481 |
| | | | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 05-8818/10-3481 |
| | 0.75 | 1 | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 1-8819/11-3481 |
| | | | | 860 | 8000 | <1.0 | | 860 | 8000 | <1.0 | 1-8820/11-3481 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F 1)

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|------------------|-------|-------|--------------------|-----------------------|---|-------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 3481 (59 x59) | 1.5 | 2 | 0.43 | 1140 | 8800 | <1.0 | 0.52 | 1140 | 8800 | <1.0 | 2-8821/13-3481 |
| | | | | 1440 | 14700 | <1.0 | | 1440 | 14700 | <1.0 | 2-8822/13-3481 |
| | 1810 | 18000 | | <1.0 | 1810 | 18000 | | <1.0 | 3-8823/16-3481 | | |
| | 2350 | 21000 | | <1.0 | 2350 | 21000 | | <1.0 | 3-8824/16-3481 | | |
| | 3050 | 26000 | | <1.0 | 3050 | 26000 | | <1.0 | 5-8825/17-3481 | | |
| | 4100 | 27800 | | <1.0 | 4100 | 27800 | | <1.0 | 8-8826/19-3481 | | |
| | 5.5 | 7.5 | 0.43 | 6150 | 20000 | <1.0 | 0.52 | 6150 | 20000 | <1.0 | 8-8827/19-3481 |
| | | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-3481 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | |
|------------------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|-----------------|--------------------------------|----------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | |
| 4437 (87 x51) | 0.2 | 1/4 | 0.34 | 77.0 | 1365 | <1.0 | 0.41 | 77.0 | 1365 | <1.0 | 02-8813/08-4437 | |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-4437 | |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-4437 | |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 02-8817/09-4437 | |
| | 410 | 4000 | | <1.0 | 410 | 4000 | | <1.0 | 05-8818/10-4437 | | | |
| | 730 | 5400 | | <1.0 | 730 | 5400 | | <1.0 | 1-8819/11-4437 | | | |
| | 0.4 | 1/2 | 0.34 | 950 | 8800 | <1.0 | 0.41 | 950 | 8800 | <1.0 | 2-8821/13-4437 | |
| | | | | 1275 | 14700 | <1.0 | | 1275 | 14700 | <1.0 | 2-8822/13-4437 | |
| | 1.5 | 2 | | 1600 | 18000 | <1.0 | | 0.41 | 1600 | 18000 | <1.0 | 3-8823/16-4437 |
| | | | | 2050 | 21000 | <1.0 | | | 2050 | 21000 | <1.0 | 3-8824/16-4437 |
| | 2.2 | 3 | | 2650 | 26000 | <1.0 | | 0.41 | 2650 | 26000 | <1.0 | 5-8825/17-4437 |
| | | | | 3520 | 27800 | <1.0 | | | 3520 | 27800 | <1.0 | 8-8826/19-4437 |
| | 3.7 | 5 | 6150 | 20000 | <1.0 | 0.41 | 6150 | 20000 | <1.0 | 8-8827/19-4437 | | |
| | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-4437 | | |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio | |
|------------------|-------|------|--------------------|-----------------------|---|------|--------------------|-----------------------|---|-----------------|--------------------------------|----------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | | |
| 5133 (87 x59) | 0.2 | 1/4 | 0.29 | 77.0 | 1365 | <1.0 | 0.35 | 77.0 | 1365 | <1.0 | 02-8813/08-5133 | |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-5133 | |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-5133 | |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 02-8817/09-5133 | |
| | 410 | 4000 | | <1.0 | 410 | 4000 | | <1.0 | 05-8818/10-5133 | | | |
| | 730 | 5400 | | <1.0 | 730 | 5400 | | <1.0 | 1-8819/11-5133 | | | |
| | 0.4 | 1/2 | 0.29 | 860 | 8000 | <1.0 | 0.35 | 860 | 8000 | <1.0 | 1-8820/11-5133 | |
| | | | | 1140 | 8800 | <1.0 | | 1140 | 8800 | <1.0 | 2-8821/13-5133 | |
| | 1.5 | 2 | | 1440 | 14700 | <1.0 | | 0.35 | 1440 | 14700 | <1.0 | 2-8822/13-5133 |
| | | | | 1810 | 18000 | <1.0 | | | 1810 | 18000 | <1.0 | 3-8823/16-5133 |
| | 2.2 | 3 | | 2350 | 21000 | <1.0 | | 0.35 | 2350 | 21000 | <1.0 | 3-8824/16-5133 |
| | | | | 3050 | 26000 | <1.0 | | | 3050 | 26000 | <1.0 | 5-8825/17-5133 |
| | 3.7 | 5 | 4100 | 27800 | <1.0 | 0.35 | 4100 | 27800 | <1.0 | 8-8826/19-5133 | | |
| | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 8-8827/19-5133 | | |
| | 5.5 | 7.5 | 6150 | 20000 | <1.0 | 0.35 | 6150 | 20000 | <1.0 | 10-8827/19-5133 | | |
| | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-5133 | | |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 6177 (87×71) | 0.2 | 1/4 | 0.24 | 77.0 | 1365 | <1.0 | 0.29 | 77.0 | 1365 | <1.0 | 02-8813/09-6177 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/09-6177 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-6177 |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 02-8817/09-6177 |
| | 0.4 | 1/2 | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 05-8818/10-6177 |
| | | | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 1-8819/11-6177 |
| | 0.75 | 1 | | 950 | 8800 | <1.0 | | 950 | 8800 | <1.0 | 2-8821/13-6177 |
| | | | | 1275 | 14700 | <1.0 | | 1275 | 14700 | <1.0 | 2-8822/13-6177 |
| | 1.5 | 2 | | 1600 | 18000 | <1.0 | | 1600 | 18000 | <1.0 | 3-8823/16-6177 |
| | | | | 2050 | 21000 | <1.0 | | 2050 | 21000 | <1.0 | 3-8824/16-6177 |
| | 3.7 | 5 | | 2650 | 26000 | <1.0 | | 2650 | 26000 | <1.0 | 5-8825/17-6177 |
| | | | | 3520 | 27800 | <1.0 | | 3520 | 27800 | <1.0 | 8-8826/19-6177 |
| | 5.5 | 7.5 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 8-8827/19-6177 |
| | | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-6177 |

| Ratio | Motor | | 50 Hz(1500rpm) | | | | 60 Hz(1800rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-----------------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 7569 (87×87) | 0.2 | 1/4 | 0.20 | 77.0 | 1365 | <1.0 | 0.24 | 77.0 | 1365 | <1.0 | 02-8813/08-7569 |
| | | | | 103 | 1500 | <1.0 | | 103 | 1500 | <1.0 | 02-8814/08-7569 |
| | | | | 183 | 2050 | <1.0 | | 183 | 2050 | <1.0 | 02-8816/09-7569 |
| | | | | 278 | 2900 | <1.0 | | 278 | 2900 | <1.0 | 02-8817/09-7569 |
| | 0.4 | 1/2 | | 410 | 4000 | <1.0 | | 410 | 4000 | <1.0 | 05-8818/10-7569 |
| | | | | 730 | 5400 | <1.0 | | 730 | 5400 | <1.0 | 1-8819/11-7569 |
| | 0.75 | 1 | | 950 | 8800 | <1.0 | | 950 | 8800 | <1.0 | 2-8821/13-7569 |
| | | | | 1275 | 14700 | <1.0 | | 1275 | 14700 | <1.0 | 2-8822/13-7569 |
| | 1.5 | 2 | | 1600 | 18000 | <1.0 | | 1600 | 18000 | <1.0 | 3-8823/16-7569 |
| | | | | 2050 | 21000 | <1.0 | | 2050 | 21000 | <1.0 | 3-8824/16-7569 |
| | 3.7 | 5 | | 2650 | 26000 | <1.0 | | 2650 | 26000 | <1.0 | 5-8825/17-7569 |
| | | | | 3500 | 27800 | <1.0 | | 3520 | 27800 | <1.0 | 8-8826/19-7569 |
| | 5.5 | 7.5 | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 8-8827/19-7569 |
| | | | | 6150 | 20000 | <1.0 | | 6150 | 20000 | <1.0 | 10-8827/19-7569 |

▶ S.F 가 "1" 인 제품은 입력용량과 출력허용토크를 최대로 사용하지 말것.(Do not use Max, torque & input capacity at S.F (1))

| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 11 | 55 | 75 | 91 | 544 | 6450 | 1.68 | 109 | 454 | 6100 | 1.69 | 75/6-8823-11 |
| | | | | | 6450 | 1.24 | | | 6100 | 1.24 | 100/6-8823-11 |
| | 75 | 100 | | 742 | 7200 | 1.60 | | 619 | 6800 | 1.57 | 100/6-8824-11 |
| | | | | | 8850 | 1.93 | | | 8350 | 1.93 | 100/6-8825-11 |
| | | | | | 6450 | 1.05 | | | 6100 | 1.05 | 125/6-8823-11 |
| | 90 | 125 | | 891 | 7200 | 1.33 | | 742 | 6800 | 1.33 | 125/6-8824-11 |
| | | | | | 8850 | 1.61 | | | 8350 | 1.58 | 125/6-8825-11 |
| | | | | | 10750 | 1.85 | | | 10250 | 1.86 | 125/6-8826-11 |
| | | | | | 7200 | 1.03 | | | 6800 | 1.03 | 150/6-8824-11 |
| | 110 | 150 | | 1089 | 8850 | 1.27 | | 908 | 8350 | 1.27 | 150/6-8825-11 |
| | | | | | 10750 | 1.52 | | | 10250 | 1.52 | 150/6-8826-11 |
| | | | | | 8850 | 1.06 | | | 8350 | 1.06 | 175/6-8825-11 |
| | 132 | 175 | | 1307 | 10750 | 1.28 | | 1089 | 10250 | 1.28 | 175/6-8826-11 |

| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 15 | 37 | 50 | 67 | 500 | 7095 | 2.50 | 80 | 416 | 6720 | 2.51 | 50/6-8823-15 |
| | | | | | 608 | 2.07 | | | 506 | 2.08 | 60/6-8823-15 |
| | 45 | 60 | | 745 | 7095 | 1.69 | | 619 | 6720 | 1.68 | 75/6-8823-15 |
| | | | | | 7095 | 1.24 | | | 6720 | 1.24 | 100/6-8823-15 |
| | | | | | 7905 | 1.51 | | | 7500 | 1.51 | 100/6-8824-15 |
| | 75 | 100 | | 1012 | 9600 | 1.86 | | 844 | 9145 | 1.86 | 100/6-8825-15 |
| | | | | | 7095 | 1.05 | | | 6720 | 1.03 | 125/6-8823-15 |
| | | | | | 7905 | 1.26 | | | 7500 | 1.26 | 125/6-8824-15 |
| | 90 | 125 | | 1215 | 9600 | 1.53 | | 1012 | 9145 | 1.55 | 125/6-8825-15 |
| | | | | | 11900 | 1.87 | | | 11250 | 1.86 | 125/6-8826-15 |
| | | | | | 7905 | 1.03 | | | 7500 | 1.03 | 150/6-8824-15 |
| | | | | | 9600 | 1.27 | | | 9145 | 1.27 | 150/6-8825-15 |
| | 110 | 150 | | 1485 | 11900 | 1.52 | | 1238 | 11250 | 1.52 | 150/6-8826-15 |
| | | | | | 9600 | 1.06 | | | 9145 | 1.06 | 175/6-8825-15 |
| | | | | | 11900 | 1.27 | | | 11250 | 1.27 | 175/6-8826-15 |
| | 132 | 175 | | 1785 | 9600 | 1.06 | | 1485 | 9145 | 1.06 | 175/6-8825-15 |
| | | | | | 11900 | 1.27 | | | 11250 | 1.27 | 175/6-8826-15 |

| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 21 | 30 | 40 | 48 | 567 | 7850 | 2.47 | 57 | 472 | 7440 | 2.47 | 40/6-8823-21 |
| | | | | | 699 | 1.97 | | | 583 | 1.98 | 50/6-8823-21 |
| | 37 | 50 | | 850 | 7850 | 1.61 | | 709 | 7440 | 1.62 | 60/6-8823-21 |
| | | | | | 8735 | 2.15 | | | 8275 | 2.16 | 60/6-8824-21 |
| | 45 | 60 | | 1040 | 7850 | 1.31 | | 866 | 7440 | 1.35 | 75/6-8823-21 |
| | | | | | 8735 | 1.74 | | | 8275 | 1.74 | 75/6-8824-21 |

| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 21 | 75 | 100 | 48 | 1418 | 7850 | 1.01 | 57 | 1181 | 7440 | 1.01 | 100/6-8823-21 |
| | | | | | 8735 | 1.27 | | | 8275 | 1.27 | 100/6-8824-21 |
| | | | | | 10750 | 1.52 | | | 10150 | 1.52 | 100/6-8825-21 |
| | | | | | 13050 | 1.88 | | | 12350 | 1.88 | 100/6-8826-21 |
| | 90 | 125 | | 1701 | 8735 | 1.06 | | 1418 | 8275 | 1.06 | 125/6-8824-21 |
| | | | | | 10750 | 1.27 | | | 10150 | 1.27 | 125/6-8825-21 |
| | | | | | 13050 | 1.56 | | | 12350 | 1.60 | 125/6-8826-21 |
| | 110 | 150 | | 2079 | 10750 | 1.05 | | 1732 | 10150 | 1.05 | 150/6-8825-21 |
| | | | | | 13050 | 1.27 | | | 12350 | 1.28 | 150/6-8826-21 |
| | 132 | 175 | | 2495 | 13050 | 1.06 | | 2079 | 12350 | 1.06 | 175/6-8826-21 |

| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 29 | 30 | 40 | 34 | 783 | 8650 | 1.87 | 41 | 652 | 8200 | 1.87 | 40/6-8823-29 |
| | | | | | 966 | 8650 | | | 1.51 | 805 | 8200 |
| | 45 | 60 | | 1174 | 9650 | 1.88 | | 979 | 9150 | 1.88 | 50/6-8824-29 |
| | | | | | 8650 | 1.24 | | | 8200 | 1.24 | 60/6-8823-29 |
| | | | | | 9650 | 1.55 | | | 9150 | 1.55 | 60/6-8824-29 |
| | 55 | 75 | | 1436 | 11850 | 2.13 | | 1196 | 11150 | 2.14 | 60/6-8825-29 |
| | | | | | 8650 | 1.02 | | | 8200 | 1.02 | 75/6-8823-29 |
| | | | | | 9650 | 1.26 | | | 9150 | 1.26 | 75/6-8824-29 |
| | 75 | 100 | | 1958 | 11850 | 1.74 | | 1631 | 11150 | 1.74 | 75/6-8825-29 |
| | | | | | 14500 | 1.79 | | | 13500 | 1.82 | 100/6-8825-29 |
| | 90 | 125 | | 2349 | 11850 | 1.27 | | 1958 | 11150 | 1.27 | 100/6-8826-29 |
| | | | | | 14500 | 1.06 | | | 13500 | 1.06 | 125/6-8825-29 |
| | | | | | 20000 | 1.50 | | | 20000 | 1.50 | 125/6-8826-29 |
| | 110 | 150 | | 2871 | 20000 | 1.61 | | 2392 | 20000 | 1.61 | 125/6-8827-29 |
| | | | | | 14500 | 1.22 | | | 13500 | 1.24 | 150/6-8826-29 |
| | 132 | 175 | | 3445 | 20000 | 1.30 | | 2871 | 20000 | 1.30 | 150/6-8827-29 |
| | | | | | 14500 | 1.02 | | | 13500 | 1.04 | 175/6-8826-29 |

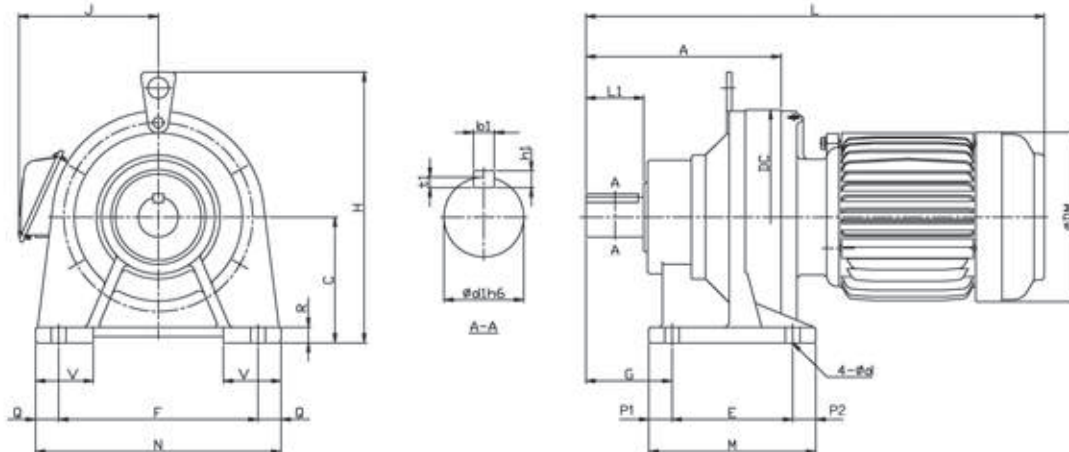
| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 43 | 18.5 | 25 | 23 | 716 | 9750 | 2.15 | 29 | 597 | 9200 | 2.32 | 25/6-8823-43 |
| | | | | | 851 | 9750 | | | 1.85 | 710 | 9200 |
| | 30 | 40 | | 1161 | 9750 | 1.39 | | 968 | 9200 | 1.43 | 40/6-8823-43 |
| | | | | | 10850 | 1.84 | | | 10350 | 1.86 | 40/6-8824-43 |
| | 37 | 50 | | 1432 | 9750 | 1.13 | | 1193 | 9200 | 1.16 | 50/6-8823-43 |
| | | | | | 10850 | 1.50 | | | 10350 | 1.52 | 50/6-8824-43 |
| | | | | | 13250 | 1.85 | | | 12550 | 1.85 | 50/6-8825-43 |
| | 45 | 60 | | 1742 | 10850 | 1.23 | | 1451 | 10350 | 1.25 | 60/6-8824-43 |
| | | | | | 13250 | 1.52 | | | 12550 | 1.54 | 60/6-8825-43 |
| | | | | | 16250 | 2.13 | | | 15300 | 2.13 | 60/6-8826-43 |
| | 55 | 75 | | 2128 | 10850 | 1.02 | | 1774 | 10350 | 1.02 | 75/6-8824-43 |
| | | | | | 13250 | 1.23 | | | 12550 | 1.23 | 75/6-8825-43 |
| | | | | | 16250 | 1.74 | | | 15300 | 1.74 | 75/6-8826-43 |

| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|-----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 43 | 75 | 100 | 23 | 2902 | 16250 | 1.24 | 29 | 2419 | 15300 | 1.27 | 100/6-8826-43 |
| | | | | | 20000 | 1.68 | | | 20000 | 1.69 | 100/6-8827-43 |
| | 90 | 125 | | 3483 | 16250 | 1.06 | | 2902 | 15300 | 1.08 | 125/6-8826-43 |
| | | | | | 20000 | 1.40 | | | 20000 | 1.42 | 125/6-8827-43 |

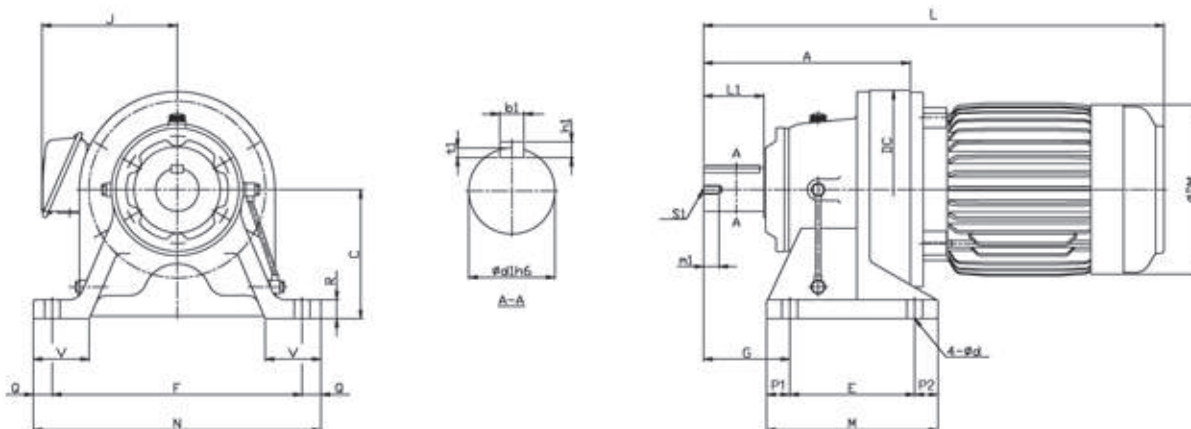
| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 59 | 15 | 20 | 17 | 796 | 10750 | 1.87 | 20 | 664 | 10250 | 1.96 | 20/6-8823-59 |
| | | | | | 10750 | 1.60 | | | 10250 | 1.60 | 25/6-8823-59 |
| | 18.5 | 25 | | 982 | 11950 | 2.04 | | 819 | 11300 | 2.05 | 25/6-8824-59 |
| | | | | | 10750 | 1.30 | | | 10250 | 1.32 | 30/6-8823-59 |
| | 22 | 30 | | 1168 | 11950 | 1.74 | | 974 | 11300 | 1.75 | 30/6-8824-59 |
| | | | | | 10750 | 1.00 | | | 10250 | 1.02 | 40/6-8823-59 |
| | 30 | 40 | | 1593 | 11950 | 1.29 | | 1328 | 11300 | 1.30 | 40/6-8824-59 |
| | | | | | 14650 | 1.86 | | | 14000 | 1.86 | 40/6-8825-59 |
| | | | | | 11950 | 1.05 | | | 11300 | 1.04 | 50/6-8824-59 |
| | 37 | 50 | | 1965 | 14650 | 1.50 | | 1637 | 14000 | 1.51 | 50/6-8825-59 |
| | | | | | 17850 | 1.90 | | | 16900 | 1.95 | 50/6-8826-59 |
| | | | | | 14650 | 1.23 | | | 14000 | 1.24 | 60/6-8825-59 |
| | 45 | 60 | | 2400 | 17850 | 1.60 | | 1991 | 16900 | 1.60 | 60/6-8826-59 |
| | | | | | 20000 | 2.25 | | | 20000 | 2.35 | 60/6-8827-59 |
| | | | | | 14650 | 1.01 | | | 14000 | 1.02 | 75/6-8825-59 |
| | 55 | 75 | | 2920 | 17850 | 1.30 | | 2434 | 16900 | 1.32 | 75/6-8826-59 |
| | | | | | 20000 | 1.80 | | | 20000 | 1.90 | 75/6-8827-59 |
| | | | | | 17850 | 1.00 | | | 16900 | 1.02 | 100/6-8826-59 |
| | 75 | 10 | | 3982 | 20000 | 1.35 | | 3319 | 20000 | 1.40 | 100/6-8827-59 |

| Ratio | Motor | | 50 Hz(1000rpm) | | | | 60 Hz(1200rpm) | | | | Model Motor(HP)-Frame-Ratio |
|-------|-------|----|--------------------|-----------------------|---|------|--------------------|-----------------------|---|------|--------------------------------|
| | KW | HP | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | Output speed (rpm) | Output Torque (kgf.m) | Allowable Output Shaft Overhung load (kg) | SF | |
| 87 | 15 | 20 | 11 | 1174 | 12050 | 1.30 | 14 | 979 | 11450 | 1.35 | 20/6-8823-87 |
| | | | | | 13450 | 1.69 | | | 12750 | 1.80 | 20/6-8824-87 |
| | 18.5 | 25 | | 1448 | 12050 | 1.12 | | 1207 | 11450 | 1.13 | 25/6-8823-87 |
| | | | | | 13450 | 1.40 | | | 12750 | 1.43 | 25/6-8824-87 |
| | | | | | 16450 | 1.80 | | | 15550 | 1.90 | 25/6-8825-87 |
| | 22 | 30 | | 1723 | 13450 | 1.15 | | 1436 | 12750 | 1.20 | 30/6-8824-87 |
| | | | | | 16450 | 1.50 | | | 15550 | 1.60 | 30/6-8825-87 |
| | | | | | 20000 | 1.95 | | | 19000 | 2.05 | 30/6-8826-87 |
| | 30 | 40 | | 2349 | 16450 | 1.11 | | 1958 | 15550 | 1.15 | 40/6-8825-87 |
| | | | | | 20000 | 1.48 | | | 19000 | 1.50 | 40/6-8826-87 |
| | | | | | 20000 | 1.65 | | | 20000 | 1.68 | 40/6-8827-87 |
| | 37 | 50 | | 2879 | 20000 | 1.16 | | 2414 | 19000 | 1.24 | 50/6-8826-87 |
| | | | | | 20000 | 1.37 | | | 20000 | 1.38 | 50/6-8827-87 |
| | | | | | 20000 | 1.01 | | | 19000 | 1.02 | 60/6-8826-87 |
| | 45 | 60 | | 3524 | 20000 | 1.15 | | 2936 | 20000 | 1.16 | 60/6-8827-87 |

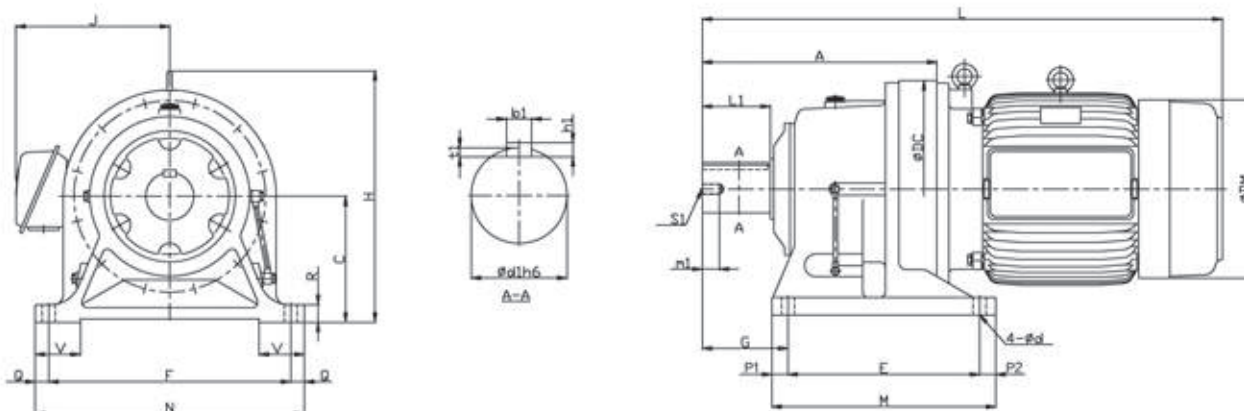
● KNHM 8807~8812



● KHHM 8813~8814



● KHHM 8816~8818

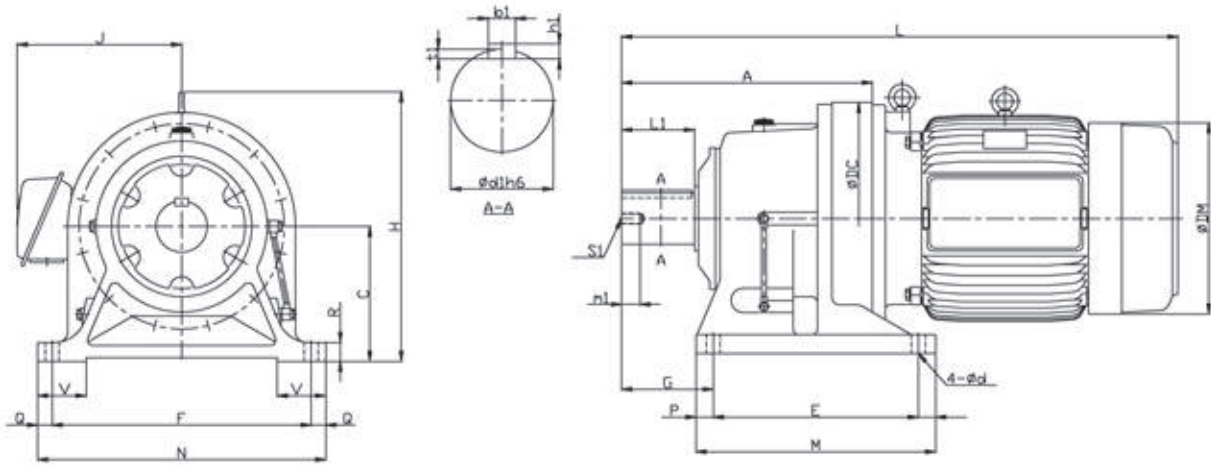


※주의 전체길이 "L"은 모터의 연결방식과 Brake부착에 따라 다소 길어짐.

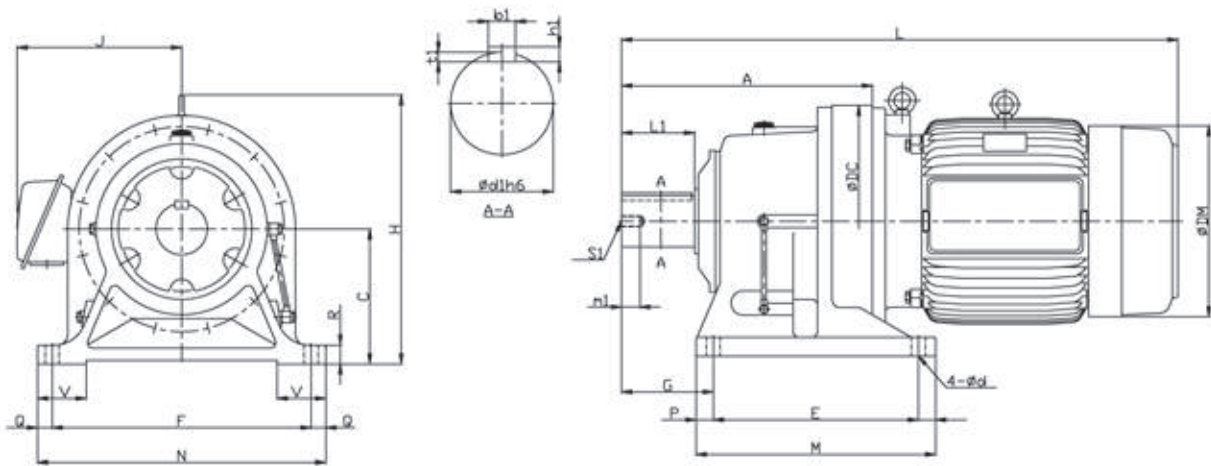
| (kW) | Model | Dim. Of side | | | | | | | | | | | | | | | | | Output shaft | | | | | WT (kg) | |
|------|--------------|--------------|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|----|----|-------|-----|-----|--------------|-----|----|-----------|-----|---------|------|
| | | L | A | J | DM | N | F | C | R | V | Q | M | E | P1 | P2 | d | DC | H | G | L1 | d1 | b1×h1×t1 | S1 | | m1 |
| 0.2 | KNHM-02-8807 | 311 | 92 | 121 | 144 | 148 | 120 | 80 | 10 | 35 | 14 | 88 | 60 | 14 | 14 | 4-φ9 | 110 | 135 | 41 | 25 | 14 | 5×5×3 | | | 27 |
| 0.2 | KNHM-02-8808 | 317 | | 121 | 144 | 148 | 120 | 80 | 10 | 35 | 14 | 88 | 60 | 14 | 14 | 4-φ9 | 110 | 135 | 47 | 30 | 18 | 6×6×3.5 | | | 27 |
| 0.4 | KNHM-05-8808 | 388 | 98 | 132 | 162 | | | | | | | | | | | | | | | | | | | | 31 |
| 0.2 | KNHM-02-8809 | 361 | | 121 | 144 | | | | | | | | | | | | | | | | | | | | 41.8 |
| 0.4 | KNHM-05-8809 | 382 | 142 | 158 | 162 | 184 | 150 | 100 | 12 | 40 | 17 | 134 | 90 | 17 | 27 | 4-φ11 | 150 | 207 | 60 | 35 | 28 | 8×7×4 | | | 43 |
| 0.75 | KNHM-1-8809 | 381 | | 158 | 177 | | | | | | | | | | | | | | | | | | | | 43 |
| 0.2 | KNHM-02-8810 | 385 | | 121 | 144 | | | | | | | | | | | | | | | | | | | | 51 |
| 0.4 | KNHM-05-8810 | 396 | | 158 | 162 | | | | | | | | | | | | | 207 | | | | | | | 44 |
| 0.75 | KNHM-1-8810 | 395 | 156 | 158 | 177 | 184 | 150 | 100 | 12 | 40 | 17 | 139 | 90 | 17 | 32 | 4-φ11 | 150 | | 60 | 35 | 28 | 8×7×4 | | | 44 |
| 1.5 | KNHM-2-8810 | 432 | | 172 | 200 | | | | | | | | | | | | | | | | | | | | 46 |
| 2.2 | KNHM-3-8810 | 467 | | 180 | 219 | | | | | | | | | | | | | 225 | | | | | | | 62 |
| 0.4 | KNHM-05-8811 | 425 | | 158 | 162 | | | | | | | | | | | | | | | | | | | | 55 |
| 0.75 | KNHM-1-8811 | 434 | | 158 | 177 | | | | | | | | | | | | | | 257 | | | | | | 55 |
| 1.5 | KNHM-2-8811 | 471 | 186 | 172 | 197 | 234 | 190 | 120 | 15 | 55 | 22 | 159 | 115 | 22 | 22 | 4-φ14 | 204 | | 82 | 55 | 38 | 10×8×5 | | | 57 |
| 2.2 | KNHM-3-8811 | 497 | | 180 | 219 | | | | | | | | | | | | | | | | | | | | 73 |
| 3.7 | KNHM-5-8811 | 513 | | 205 | 252 | | | | | | | | | | | | | 276 | | | | | | | 77 |
| 0.4 | KNHM-05-8812 | 425 | | 158 | 162 | | | | | | | | | | | | | | | | | | | | 56 |
| 0.75 | KNHM-1-8812 | 434 | | 158 | 177 | | | | | | | | | | | | | | 277 | | | | | | 56 |
| 1.5 | KNHM-2-8812 | 471 | 186 | 172 | 197 | 234 | 190 | 140 | 15 | 60 | 22 | 159 | 115 | 22 | 22 | 4-φ14 | 204 | | 82 | 55 | 38 | 10×8×5 | | | 58 |
| 2.2 | KNHM-3-8812 | 497 | | 180 | 219 | | | | | | | | | | | | | | | | | | | | 74 |
| 3.7 | KNHM-5-8812 | 513 | | 205 | 252 | | | | | | | | | | | | | 280 | | | | | | | 78 |
| 0.75 | KHHM-1-8813 | 484 | | 158 | 177 | | | | | | | | | | | | | | | | | | | | 74 |
| 1.5 | KHHM-2-8813 | 525 | | 172 | 200 | | | | | | | | | | | | | 300 | | | | | | | 76 |
| 2.2 | KHHM-3-8813 | 551 | 240 | 180 | 219 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | | 100 | 70 | 50 | 14×9×5.5 | | | 92 |
| 3.7 | KHHM-5-8813 | 570 | | 205 | 238 | | | | | | | | | | | | | 303 | | | | | | | 96 |
| 5.5 | KHHM-8-8813 | 614 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | 124 |
| 7.5 | KHHM-10-8813 | 652 | | 220 | 273 | | | | | | | | | | | | | 328 | | | | | | | 131 |
| 0.75 | KHHM-1-8814 | 504 | | 158 | 177 | | | | | | | | | | | | | | | | | | | | 75 |
| 1.5 | KHHM-2-8814 | 544 | | 172 | 200 | | | | | | | | | | | | | 300 | | | | | | | 77 |
| 2.2 | KHHM-3-8814 | 571 | 260 | 180 | 219 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | | 120 | 90 | 50 | 14×9×5.5 | M10 | 18 | 93 |
| 3.7 | KHHM-5-8814 | 590 | | 205 | 238 | | | | | | | | | | | | | 303 | | | | | | | 97 |
| 5.5 | KHHM-8-8814 | 634 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | 125 |
| 7.5 | KHHM-10-8814 | 672 | | 220 | 273 | | | | | | | | | | | | | 328 | | | | | | | 131 |
| 1.5 | KHHM-2-8816 | 593 | | 172 | 200 | | | | | | | | | | | | | | | | | | | | 118 |
| 2.2 | KHHM-3-8816 | 622 | | 180 | 219 | | | | | | | | | | | | | | | | | | | | 134 |
| 3.7 | KHHM-5-8816 | 641 | | 205 | 238 | | | | | | | | | | | | | | | | | | | | 138 |
| 5.5 | KHHM-8-8816 | 675 | 308 | 220 | 273 | 414 | 370 | 160 | 25 | 75 | 22 | 242 | 150 | 46 | 46 | 4-φ18 | 300 | | 139 | 90 | 60 | 18×11×7 | M10 | 18 | 166 |
| 7.5 | KHHM-10-8816 | 713 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | 173 |
| 11 | KHHM-15-8816 | 800 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | 224 |
| 15 | KHHM-20-8816 | 844 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | 232 |
| 3.7 | KHHM-5-8817 | 697 | | 205 | 238 | | | | | | | | | | | | | | | | | | | | 178 |
| 5.5 | KHHM-8-8817 | 731 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | 206 |
| 7.5 | KHHM-10-8817 | 769 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | 213 |
| 11 | KHHM-15-8817 | 844 | 352 | 272 | 334 | 434 | 380 | 200 | 30 | 80 | 27 | 339 | 275 | 32 | 32 | 4-φ22 | 340 | | 125 | 90 | 70 | 20×12×7.5 | M12 | 24 | 264 |
| 15 | KHHM-20-8817 | 888 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | 272 |
| 18.5 | KHHM-25-8817 | 911 | | 282 | 382 | | | | | | | | | | | | | | | | | | | | 287 |
| 22 | KHHM-30-8817 | 911 | | 282 | 382 | | | | | | | | | | | | | | 430 | | | | | | 287 |
| 3.7 | KHHM-5-8818 | 756 | | 205 | 238 | | | | | | | | | | | | | | | | | | | | 215 |
| 5.5 | KHHM-8-8818 | 775 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | 243 |
| 7.5 | KHHM-10-8818 | 815 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | 250 |
| 11 | KHHM-15-8818 | 883 | | 272 | 334 | 474 | 420 | 220 | 30 | 85 | 27 | 384 | 320 | 32 | 32 | 4-φ22 | 370 | | 145 | 110 | 80 | 22×14×9 | M12 | 24 | 301 |
| 15 | KHHM-20-8818 | 927 | 389 | 272 | 334 | | | | | | | | | | | | | | | | | | | | 309 |
| 18.5 | KHHM-25-8818 | 950 | | 282 | 382 | | | | | | | | | | | | | | | | | | | | 324 |
| 22 | KHHM-30-8818 | 950 | | 282 | 382 | | | | | | | | | | | | | | | | | | | | 324 |
| 30 | KHHM-40-8818 | 988 | | 288 | 382 | | | | | | | | | | | | | | 460 | | | | | | 345 |

A
B
C
D
E
F
G

● KHHM 8819 ~ 8822



● KHHM 8823 ~ 8826

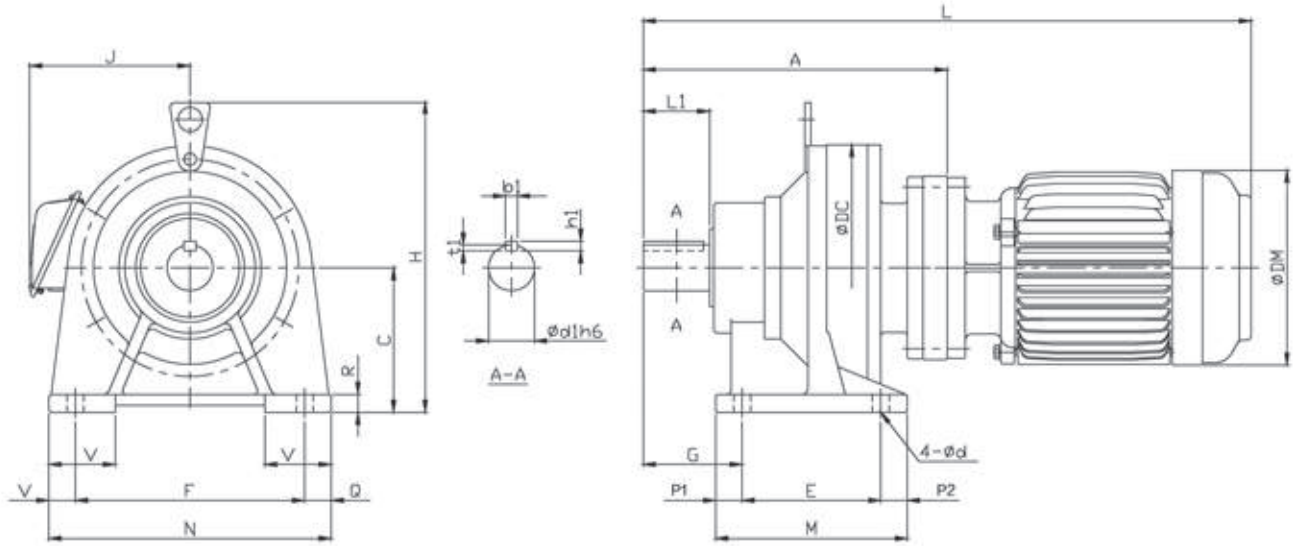


※주의 전체길이 "L"은 모터의 연결방식과 Brake부착에 따라 다소 길어짐.

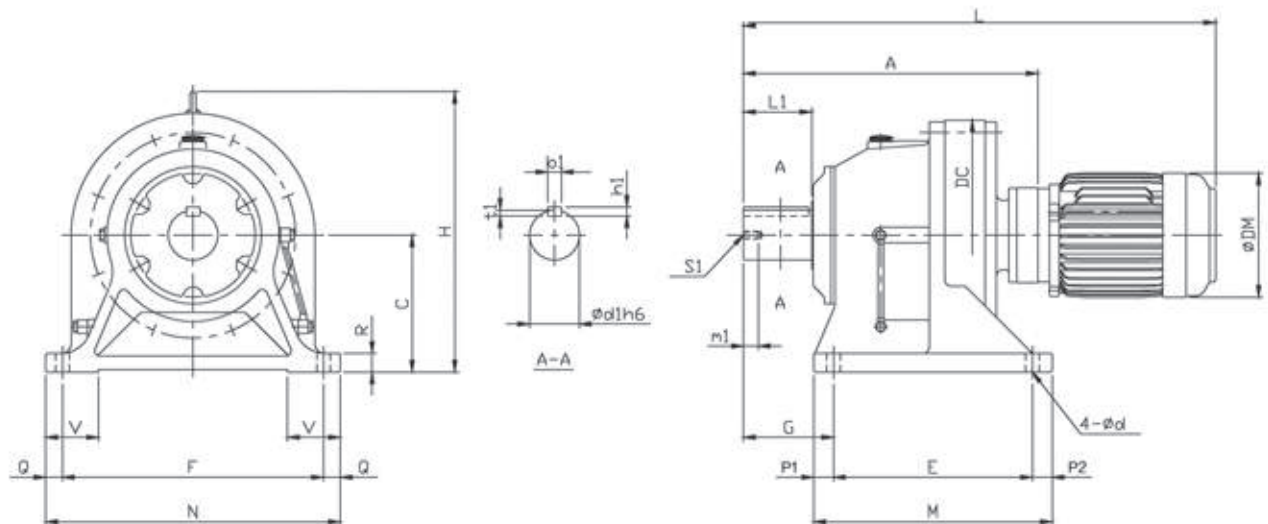
| (kW) | Model | Dim. Of side | | | | | | | | | | | | | | | | Output shaft | | | | | WT (kg) | | | | | |
|------|----------------|--------------|-----|-----|-----|-----|-----|-----|----|-----|----|-----|-----|----|-------|-----|-----|--------------|-----|-----|----------|-----|---------|----|--|------|------|-----|
| | | L | A | J | DM | N | F | C | R | V | Q | M | E | P | d | DC | H | G | L1 | d1 | b1×h1×t1 | S1 | | m1 | | | | |
| 5.5 | KHHM-8-8819 | 850 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | | | 320 | |
| 7.5 | KHHM-10-8819 | 888 | | 220 | 273 | | | | | | | | | | | | | | | | | | | | | | | 327 |
| 11 | KHHM-15-8819 | 963 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | | | 378 | |
| 15 | KHHM-20-8819 | 1007 | 465 | 272 | 334 | | | | | | | | | | | | | | | | | | | | | | 386 | |
| 18.5 | KHHM-25-8819 | 1026 | | 305 | 382 | 534 | 480 | 250 | 35 | 90 | 27 | 444 | 380 | 32 | 4-φ26 | 430 | 511 | 170 | 135 | 95 | 25×14×9 | M20 | 34 | | | 401 | | |
| 22 | KHHM-30-8819 | 1026 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 401 | |
| 30 | KHHM-40-8819 | 1026 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 422 | |
| 37 | KHHM-50-8819 | 1127 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 522 | |
| 11 | KHHM-15-8820 | 1001 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | | | 394 | |
| 15 | KHHM-20-8820 | 1045 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | | | 402 | |
| 18.5 | KHHM-25-8820 | 1064 | | 305 | 328 | | | | | | | | | | | | | | | | | | | | | | 417 | |
| 22 | KHHM-30-8820 | 1064 | 502 | 305 | 328 | 534 | 440 | 250 | 35 | 100 | 47 | 444 | 360 | 42 | 4-φ26 | 448 | 530 | 215 | 165 | 100 | 28×16×10 | M20 | 34 | | | 417 | | |
| 30 | KHHM-40-8820 | 1102 | | 305 | 328 | | | | | | | | | | | | | | | | | | | | | | 438 | |
| 37 | KHHM-50-8820 | 1165 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 538 | |
| 45 | KHHM-60-8820 | 1165 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 538 | |
| 11 | KHHM-15-8821 | 1025 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | | | 482 | |
| 15 | KHHM-20-8821 | 1069 | | 272 | 334 | | | | | | | | | | | | | | | | | | | | | | 490 | |
| 18.5 | KHHM-25-8821 | 1088 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 505 | |
| 22 | KHHM-30-8821 | 1088 | 526 | 305 | 382 | 584 | 480 | 265 | 40 | 110 | 52 | 479 | 395 | 42 | 4-φ26 | 485 | 575 | 210 | 165 | 110 | 28×16×10 | M20 | 34 | | | 505 | | |
| 30 | KHHM-40-8821 | 1126 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 526 | |
| 37 | KHHM-50-8821 | 1189 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 626 | |
| 45 | KHHM-60-8821 | 1189 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 626 | |
| 55 | KHHM-75-8821 | 1227 | | 434 | 458 | | | | | | | | | | | | | | | | | | | | | | 689 | |
| 18.5 | KHHM-25-8822 | 1128 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 573 | |
| 22 | KHHM-30-8822 | 1128 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 573 | |
| 30 | KHHM-40-8822 | 1166 | 566 | 305 | 382 | 624 | 540 | 280 | 40 | 115 | 42 | 524 | 420 | 52 | 4-φ33 | 526 | 610 | 230 | 165 | 120 | 32×18×11 | M20 | 34 | | | 594 | | |
| 37 | KHHM-50-8822 | 1229 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 694 | |
| 45 | KHHM-60-8822 | 1229 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 694 | |
| 55 | KHHM-75-8822 | 1289 | | 434 | 458 | | | | | | | | | | | | | | | | | | | | | | 757 | |
| 15 | KHHM-20/6-8823 | 1200 | | 305 | 82 | | | | | | | | | | | | | | | | | | | | | | 664 | |
| 18.5 | KHHM-25/6-8823 | 1238 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 685 | |
| 22 | KHHM-30/6-8823 | 1238 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 685 | |
| 30 | KHHM-40/6-8823 | 1400 | 628 | 305 | 420 | 674 | 580 | 300 | 45 | 120 | 47 | 564 | 460 | 52 | 4-φ33 | 562 | 667 | 260 | 200 | 130 | 32×18×11 | M24 | 41 | | | 785 | | |
| 37 | KHHM-50/6-8823 | 1430 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 785 | |
| 45 | KHHM-60/6-8823 | 1165 | | 409 | 458 | | | | | | | | | | | | | | | | | | | | | | 848 | |
| 55 | KHHM-75/6-8823 | 1165 | | 434 | 542 | | | | | | | | | | | | | | | | | | | | | | 993 | |
| 15 | KHHM-20/6-8824 | 1225 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 777 | |
| 18.5 | KHHM-25/6-8824 | 1263 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 798 | |
| 22 | KHHM-30/6-8824 | 1263 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 798 | |
| 30 | KHHM-40/6-8824 | 1345 | 657 | 339 | 420 | 724 | 630 | 335 | 45 | 128 | 47 | 584 | 480 | 52 | 4-φ39 | 614 | 729 | 263 | 200 | 140 | 36×20×12 | M24 | 41 | | | 898 | | |
| 37 | KHHM-50/6-8824 | 1345 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 898 | |
| 45 | KHHM-60/6-8824 | 1383 | | 409 | 458 | | | | | | | | | | | | | | | | | | | | | | 961 | |
| 55 | KHHM-75/6-8824 | 1572 | | 434 | 542 | | | | | | | | | | | | | | | | | | | | | | 1106 | |
| 15 | KHHM-20/6-8825 | 1352 | | 272 | 305 | | | | | | | | | | | | | | | | | | | | | | 1116 | |
| 18.5 | KHHM-25/6-8825 | 1390 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 1137 | |
| 22 | KHHM-30/6-8825 | 1390 | | 305 | 382 | | | | | | | | | | | | | | | | | | | | | | 1137 | |
| 30 | KHHM-40/6-8825 | 1453 | 775 | 305 | 420 | 784 | 670 | 375 | 50 | 140 | 57 | 634 | 534 | 57 | 4-φ39 | 670 | 815 | 320 | 240 | 160 | 40×22×13 | M30 | 49 | | | 1237 | | |
| 37 | KHHM-50/6-8825 | 1453 | | 409 | 420 | | | | | | | | | | | | | | | | | | | | | | 1237 | |
| 45 | KHHM-60/6-8825 | 1491 | | 409 | 458 | | | | | | | | | | | | | | | | | | | | | | 1300 | |
| 55 | KHHM-75/6-8825 | 1540 | | 434 | 542 | | | | | | | | | | | | | | | | | | | | | | 1445 | |
| 30 | KHHM-40/6-8826 | 1570 | | 305 | 420 | | | | | | | | | | | | | | | | | | | | | | 1472 | |
| 37 | KHHM-50/6-8826 | 1570 | 892 | 409 | 420 | 884 | 770 | 400 | 55 | 160 | 57 | 704 | 590 | 57 | 4-φ45 | 736 | 874 | 390 | 300 | 170 | 40×22×13 | M30 | 49 | | | 1472 | | |
| 45 | KHHM-60/6-8826 | 1608 | | 409 | 458 | | | | | | | | | | | | | | | | | | | | | | 1535 | |



● KNHM 8807/07 ~ 8811/09



● KHHM 8813/08 ~ 8817/10

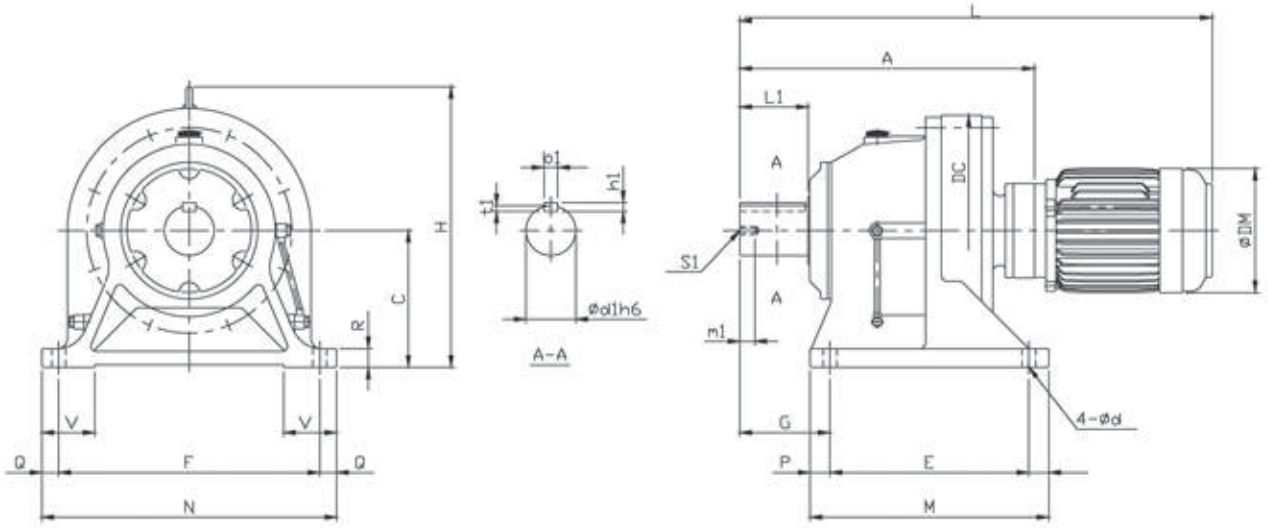


※주의 전체길이 "L"은 모터의 연결방식과 Brake부착에 따라 다소 길어짐.

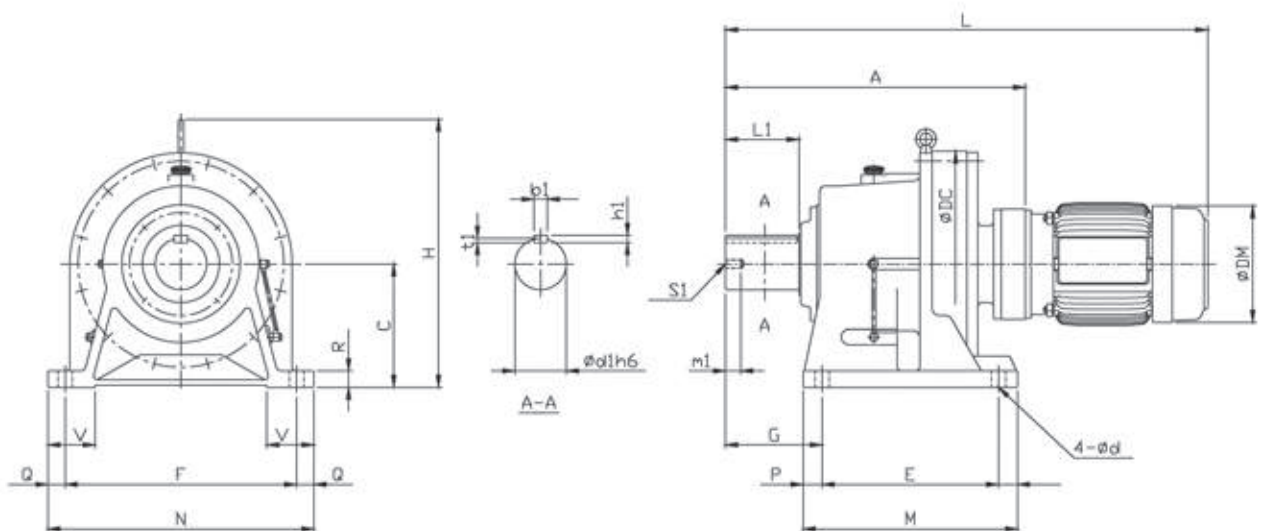
| (kW) | Model | Dim. Of side | | | | | | | | | | | | | | | | | Output shaft | | | | | WT (kg) | | |
|------|---|--------------|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|----|----|-------|-----|-----|--------------|----|----|-----------|-----|---------|---------------------------------|-----|
| | | L | A | J | DM | N | F | C | R | V | Q | M | E | P1 | P2 | d | DC | H | G | L1 | d1 | b1×h1×t1 | S1 | | m1 | |
| 0.1 | KNHM-01-8807/07 | 307 | 125 | 85 | 124 | 148 | 120 | 80 | 10 | 35 | 14 | 88 | 60 | 14 | 14 | 4-φ9 | 110 | | 41 | 25 | 14 | 5×5×3 | | | 22 | |
| 0.1 | KNHM-01-8808/07 | 324 | 131 | 85 | 124 | 148 | 120 | 80 | 10 | 35 | 14 | 88 | 60 | 14 | 14 | 4-φ9 | 110 | | 47 | 30 | 18 | 6×6×3.5 | | | 24 | |
| 0.2 | KNHM-02-8809/08 | 409 | 190 | 121 | 144 | 184 | 150 | 100 | 12 | 40 | 17 | 134 | 90 | 17 | 27 | 4-φ11 | 150 | 207 | 60 | 35 | 28 | 8×7×4 | | | 27 | |
| 0.2 | KNHM-02-8810/08 KNHM-05-8810/08 | 423 | 204 | 121 | 144 | 184 | 150 | 100 | 12 | 40 | 17 | 139 | 90 | 17 | 32 | 4-φ11 | 150 | 207 | 60 | 35 | 28 | 8×7×4 | | | 34 28 | |
| 0.4 | | 162 | | 162 | 162 | | | | | | | | | | | | | | | | | | | | | |
| 0.2 | KNHM-02-8811/08 KNHM-05-8811/08 | 459 | 240 | 121 | 144 | 234 | 190 | 120 | 15 | 55 | 22 | 159 | 115 | 22 | 22 | 4-φ14 | 204 | 257 | 82 | 55 | 38 | 10×8×5 | | | 40 43 | |
| 0.4 | | 132 | | 167 | 167 | | | | | | | | | | | | | | | | | | | | | |
| 0.2 | KNHM-02-8811/09 KNHM-05-8811/09 KNHM-1-8811/09 | 471 | 252 | 131 | 144 | 234 | 190 | 120 | 15 | 55 | 22 | 159 | 115 | 22 | 22 | 4-φ14 | 204 | 257 | 82 | 55 | 38 | 10×8×5 | | | 45 60 60 | |
| 0.4 | | 162 | | 162 | 162 | | | | | | | | | | | | | | | | | | | | | |
| 0.75 | | 162 | | 177 | 177 | | | | | | | | | | | | | | | | | | | | | |
| 0.2 | KHMM-02-8813/08 KHMM-05-8813/08 | 513 | 294 | 121 | 144 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | 300 | 100 | 70 | 50 | 14×9×5.5 | M10 | 18 | 49 54 | |
| 0.4 | | 534 | | 132 | 162 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.2 | KHMM-02-8813/09 KHMM-05-8813/09 KHMM-1-8813/09 | 522 | 303 | 121 | 144 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | 300 | 100 | 70 | 50 | 14×9×5.5 | M10 | 18 | 53 76 76 | |
| 0.4 | | 562 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.75 | | 562 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.4 | KHMM-05-8813/10 KHMM-1-8813/10 KHMM-2-8813/10 KHMM-3-8813/10 | 577 | 317 | 162 | 164 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | 300 | 100 | 70 | 50 | 14×9×5.5 | M10 | 18 | 76 76 78 94 | |
| 0.75 | | 577 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 1.5 | | 632 | | 178 | 200 | | | | | | | | | | | | | | | | | | | | | 199 |
| 2.2 | | 663 | | 199 | 219 | | | | | | | | | | | | | | | | | | | | | 219 |
| 0.2 | KHMM-02-8814/08 KHMM-05-8814/08 | 553 | 314 | 121 | 144 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | 300 | 120 | 90 | 50 | 14×9×5.5 | M10 | 18 | 50 54 | |
| 0.4 | | 554 | | 132 | 162 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.2 | KHMM-02-8814/09 KHMM-05-8814/09 KHMM-1-8814/09 | 542 | 323 | 121 | 144 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | 300 | 120 | 90 | 50 | 14×9×5.5 | M10 | 18 | 53 76 76 | |
| 0.4 | | 582 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.75 | | 582 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.4 | KHMM-05-8814/10 KHMM-1-8814/10 KHMM-2-8814/10 KHMM-3-8814/10 | 597 | 337 | 162 | 164 | 334 | 290 | 150 | 22 | 65 | 22 | 199 | 145 | 27 | 27 | 4-φ18 | 230 | 300 | 120 | 90 | 50 | 14×9×5.5 | M10 | 18 | 76 76 78 94 | |
| 0.75 | | 597 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 1.5 | | 652 | | 178 | 200 | | | | | | | | | | | | | | | | | | | | | 199 |
| 2.2 | | 683 | | 199 | 219 | | | | | | | | | | | | | | | | | | | | | 219 |
| 0.2 | KHMM-02-8816/09 KHMM-05-8816/09 KHMM-1-8816/09 | 592 | 373 | 121 | 144 | 414 | 370 | 160 | 25 | 75 | 22 | 242 | 150 | 46 | 46 | 4-φ18 | 300 | 349 | 139 | 90 | 60 | 18×11×7 | M10 | 18 | 94 116 116 | |
| 0.4 | | 633 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.75 | | 633 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.4 | KHMM-05-8816/10 KHMM-1-8816/10 KHMM-2-8816/10 KHMM-3-8816/10 | 647 | 387 | 162 | 164 | 414 | 370 | 160 | 25 | 75 | 22 | 242 | 150 | 46 | 46 | 4-φ18 | 300 | 349 | 139 | 90 | 60 | 18×11×7 | M10 | 18 | 118 118 120 136 | |
| 0.75 | | 647 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 1.5 | | 702 | | 178 | 200 | | | | | | | | | | | | | | | | | | | | | 199 |
| 2.2 | | 733 | | 199 | 219 | | | | | | | | | | | | | | | | | | | | | 219 |
| 0.4 | KHMM-05-8816/11 KHMM-1-8816/11 KHMM-2-8816/11 KHMM-3-8816/11 KHMM-5-8816/11 | 649 | 389 | 164 | 162 | 414 | 370 | 160 | 25 | 75 | 22 | 242 | 150 | 46 | 46 | 4-φ18 | 300 | 349 | 139 | 90 | 60 | 18×11×7 | M10 | 18 | 125 125 127 143 147 | |
| 0.75 | | 649 | | 164 | 177 | | | | | | | | | | | | | | | | | | | | | 162 |
| 1.5 | | 702 | | 178 | 200 | | | | | | | | | | | | | | | | | | | | | 199 |
| 2.2 | | 733 | | 199 | 219 | | | | | | | | | | | | | | | | | | | | | 219 |
| 3.7 | | 719 | | 216 | 238 | | | | | | | | | | | | | | | | | | | | | 238 |
| 0.2 | KHMM-02-8817/09 KHMM-05-8817/09 KHMM-1-8817/09 | 637 | 418 | 121 | 144 | 434 | 380 | 200 | 30 | 80 | 27 | 339 | 275 | 32 | 32 | 4-φ22 | 340 | 416 | 125 | 90 | 70 | 20×12×7.5 | M12 | 24 | 130 150 150 | |
| 0.4 | | 678 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.75 | | 678 | | 162 | 164 | | | | | | | | | | | | | | | | | | | | | 162 |
| 0.4 | KHMM-05-8817/10 KHMM-1-8817/10 KHMM-2-8817/10 KHMM-3-8817/10 | 672 | 432 | 132 | 162 | 434 | 380 | 200 | 30 | 80 | 27 | 339 | 275 | 32 | 32 | 4-φ22 | 340 | 416 | 125 | 90 | 70 | 20×12×7.5 | M12 | 24 | 155 155 157 173 | |
| 0.75 | | 671 | | 137 | 177 | | | | | | | | | | | | | | | | | | | | | 162 |
| 1.5 | | 708 | | 150 | 200 | | | | | | | | | | | | | | | | | | | | | 199 |
| 2.2 | | 735 | | 173 | 219 | | | | | | | | | | | | | | | | | | | | | 219 |

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● KHHM 8817/11 ~ 8819/13



● KHHM 8820/11 ~ 8821/16

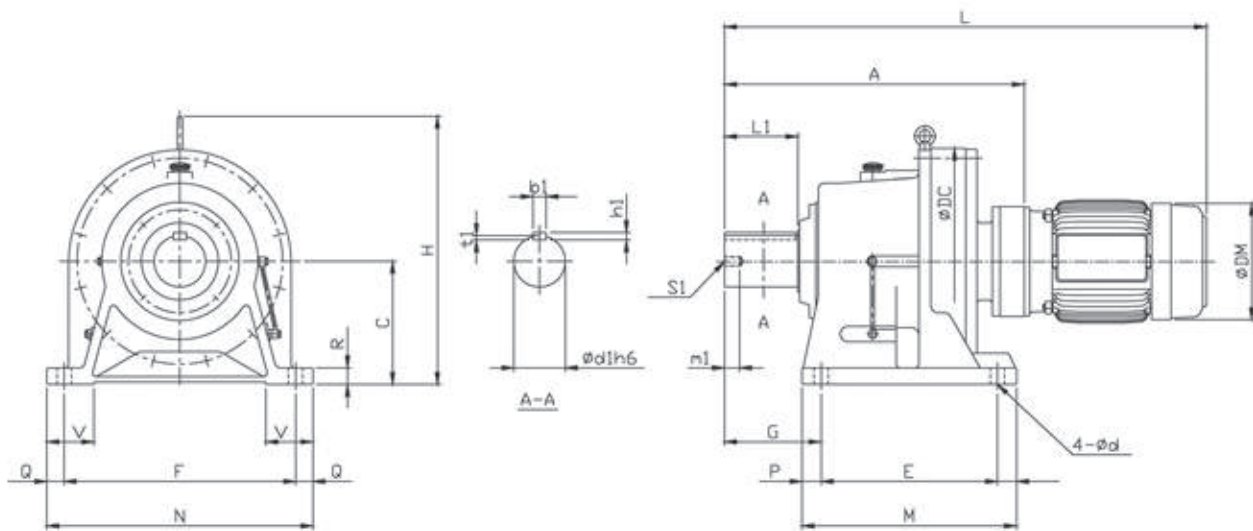


※주의 전체길이 "L"은 모터의 연결방식과 Brake부착에 따라 다소 길어짐.

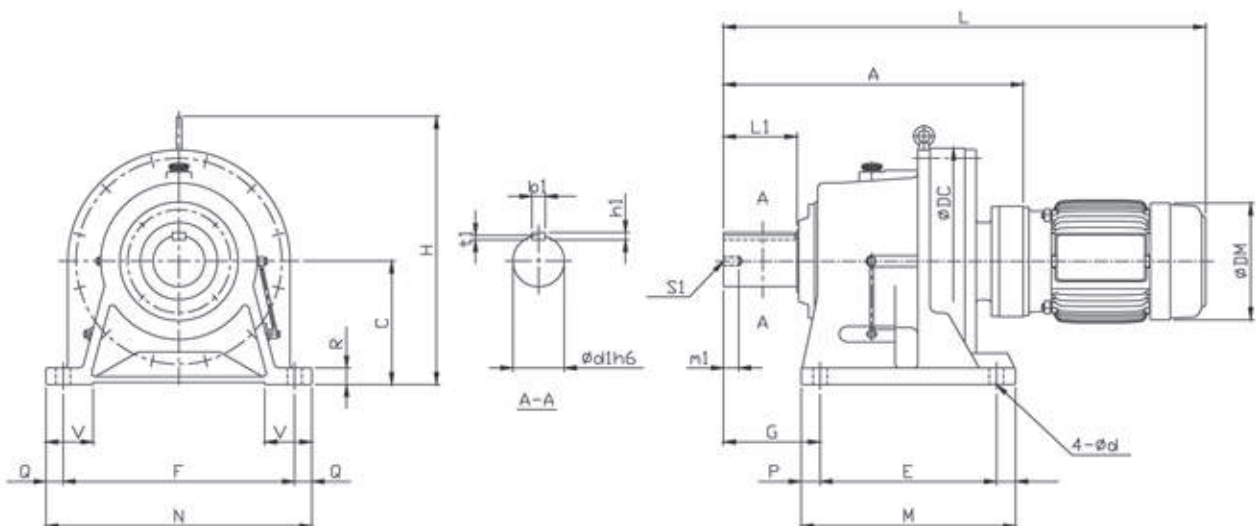
| (kW) | Model | Dim. Of side | | | | | | | | | | | | | | Output shaft | | | | | WT (kg) | | | |
|------|-----------------|--------------|-----|-----|-----|-----|-----|-----|----|-----|----|-----|-----|----|-------|--------------|-----|-----|-----|-----|-----------|----------|----|-----|
| | | L | A | J | DM | N | F | C | R | V | Q | M | E | P | d | DC | H | G | L1 | d1 | | b1×h1×t1 | S1 | m1 |
| 0.4 | KHHM-05-8817/11 | 696 | | 162 | 162 | | | | | | | | | | | | | | | | | | | 160 |
| 0.75 | KHHM-1-8817/11 | 696 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 160 |
| 1.5 | KHHM-2-8817/11 | 751 | 436 | 178 | 200 | 434 | 380 | 200 | 30 | 80 | 27 | 339 | 275 | 32 | 4-φ22 | 340 | 416 | 125 | 90 | 70 | 20×12×7.5 | M12 | 24 | 162 |
| 2.2 | KHHM-3-8817/11 | 782 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 178 |
| 3.7 | KHHM-5-8817/11 | 766 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 182 |
| 0.4 | KHHM-05-8818/10 | 734 | | 162 | 162 | | | | | | | | | | | | | | | | | | | 196 |
| 0.75 | KHHM-1-8818/10 | 734 | 474 | 162 | 177 | 474 | 420 | 220 | 30 | 85 | 27 | 384 | 320 | 32 | 4-φ22 | 370 | 451 | 145 | 110 | 80 | 22×14×9 | M12 | 24 | 196 |
| 1.5 | KHHM-2-8818/10 | 789 | | 178 | 200 | | | | | | | | | | | | | | | | | | | 198 |
| 2.2 | KHHM-3-8818/10 | 820 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 214 |
| 0.75 | KHHM-1-8818/13 | 756 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 215 |
| 1.5 | KHHM-2-8818/13 | 811 | | 178 | 200 | | | | | | | | | | | | | | | | | | | 217 |
| 2.2 | KHHM-3-8818/13 | 842 | 496 | 199 | 219 | 474 | 420 | 220 | 30 | 85 | 27 | 384 | 320 | 32 | 4-φ22 | 370 | 451 | 145 | 110 | 80 | 22×14×9 | M12 | 24 | 233 |
| 3.7 | KHHM-5-8818/13 | 826 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 238 |
| 5.5 | KHHM-8-8818/13 | 870 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 265 |
| 7.5 | KHHM-10-8818/13 | 908 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 272 |
| 0.4 | KHHM-05-8819/11 | 816 | | 162 | 162 | | | | | | | | | | | | | | | | | | | 270 |
| 0.75 | KHHM-1-8819/11 | 816 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 270 |
| 1.5 | KHHM-2-8819/11 | 871 | 556 | 178 | 200 | 534 | 480 | 250 | 35 | 90 | 27 | 444 | 380 | 32 | 4-φ26 | 430 | 531 | 170 | 135 | 95 | 25×14×9 | M20 | 34 | 272 |
| 2.2 | KHHM-3-8819/11 | 902 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 288 |
| 3.7 | KHHM-5-8819/11 | 883 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 292 |
| 0.75 | KHHM-1-8819/13 | 832 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 280 |
| 1.5 | KHHM-2-8819/13 | 887 | | 178 | 200 | | | | | | | | | | | | | | | | | | | 282 |
| 2.2 | KHHM-3-8819/13 | 917 | 572 | 199 | 219 | 534 | 480 | 250 | 35 | 90 | 27 | 444 | 380 | 32 | 4-φ26 | 430 | 531 | 170 | 135 | 95 | 25×14×9 | M20 | 34 | 298 |
| 3.7 | KHHM-5-8819/13 | 902 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 302 |
| 5.5 | KHHM-8-8819/13 | 946 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 330 |
| 7.5 | KHHM-10-8819/13 | 984 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 337 |
| 0.4 | KHHM-05-8820/11 | 857 | | 162 | 162 | | | | | | | | | | | | | | | | | | | 291 |
| 0.75 | KHHM-1-8820/11 | 857 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 291 |
| 1.5 | KHHM-2-8820/11 | 912 | 597 | 178 | 200 | 534 | 440 | 250 | 35 | 100 | 47 | 444 | 360 | 42 | 4-φ26 | 448 | 530 | 215 | 165 | 100 | 28×16×10 | M20 | 34 | 293 |
| 2.2 | KHHM-3-8820/11 | 943 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 309 |
| 3.7 | KHHM-5-8820/11 | 924 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 313 |
| 0.75 | KHHM-1-8820/13 | 884 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 305 |
| 1.5 | KHHM-2-8820/13 | 939 | | 178 | 200 | | | | | | | | | | | | | | | | | | | 307 |
| 2.2 | KHHM-3-8820/13 | 970 | 624 | 199 | 219 | 534 | 440 | 250 | 35 | 100 | 47 | 444 | 360 | 42 | 4-φ26 | 448 | 530 | 215 | 165 | 100 | 28×16×10 | M20 | 34 | 323 |
| 3.7 | KHHM-5-8820/13 | 954 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 327 |
| 5.5 | KHHM-8-8820/13 | 998 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 355 |
| 7.5 | KHHM-10-8820/13 | 1036 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 362 |
| 0.75 | KHHM-1-8821/13 | 910 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 385 |
| 1.5 | KHHM-2-8821/13 | 965 | | 178 | 200 | | | | | | | | | | | | | | | | | | | 387 |
| 2.2 | KHHM-3-8821/13 | 996 | 650 | 199 | 219 | 584 | 440 | 265 | 40 | 110 | 52 | 479 | 395 | 42 | 4-φ26 | 485 | 575 | 210 | 165 | 110 | 28×16×10 | M20 | 34 | 403 |
| 3.7 | KHHM-5-8821/13 | 980 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 407 |
| 5.5 | KHHM-8-8821/13 | 1024 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 435 |
| 7.5 | KHHM-10-8821/13 | 1062 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 442 |
| 2.2 | KHHM-3-8821/16 | 1021 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 423 |
| 3.7 | KHHM-5-8821/16 | 1008 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 427 |
| 5.5 | KHHM-8-8821/16 | 1054 | 675 | 236 | 273 | 584 | 440 | 265 | 40 | 110 | 52 | 479 | 395 | 42 | 4-φ26 | 485 | 575 | 210 | 165 | 110 | 28×16×10 | M20 | 34 | 455 |
| 7.5 | KHHM-10-8821/16 | 1092 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 462 |
| 11 | KHHM-15-8821/16 | 1167 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 513 |

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● KHHM 8822/13 ~ 8824/16



● KHHM 8824/18 ~ 8827/19



※주의 전체길이 "L"은 모터의 연결방식과 Brake부착에 따라 다소 길어짐.

| (kW) | Model | Dim. Of side | | | | | | | | | | | | | | | | Output shaft | | | | | WT (kg) | |
|------|-----------------|--------------|------|-----|------|------|------|-----|----|-----|----|------|-----|-----|-------|-----|------|--------------|-----|-----|----------|-----|---------|------|
| | | L | A | J | DM | N | F | C | R | V | Q | M | E | P | d | DC | H | G | L1 | d1 | b1×h1×t1 | S1 | | m1 |
| 0.75 | KHHM-1-8822/13 | 952 | | 162 | 177 | | | | | | | | | | | | | | | | | | | 460 |
| 1.5 | KHHM-2-8822/13 | 1009 | | 178 | 200 | | | | | | | | | | | | | | | | | | | 462 |
| 2.2 | KHHM-3-8822/13 | 1038 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 478 |
| 3.7 | KHHM-5-8822/13 | 1022 | 692 | 216 | 238 | 624 | 540 | 280 | 40 | 115 | 42 | 524 | 420 | 52 | 4-φ33 | 526 | 610 | 230 | 165 | 120 | 32×18×11 | M20 | 34 | 482 |
| 5.5 | KHHM-8-8822/13 | 1066 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 510 |
| 7.5 | KHHM-10-8822/13 | 1104 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 517 |
| 3.7 | KHHM-5-8822/17 | 1080 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 527 |
| 5.5 | KHHM-8-8822/17 | 1114 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 555 |
| 7.5 | KHHM-10-8822/17 | 1152 | 735 | 236 | 273 | 624 | 540 | 280 | 40 | 115 | 42 | 524 | 420 | 52 | 4-φ33 | 526 | 610 | 230 | 165 | 120 | 32×18×11 | M20 | 34 | 562 |
| 11 | KHHM-15-8822/17 | 1227 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 613 |
| 15 | KHHM-20-8822/17 | 1271 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 621 |
| 2.2 | KHHM-3-8823/16 | 1124 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 598 |
| 3.7 | KHHM-5-8823/16 | 1111 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 602 |
| 5.5 | KHHM-8-8823/16 | 1157 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 630 |
| 7.5 | KHHM-10-8823/16 | 1195 | 778 | 236 | 273 | 674 | 580 | 300 | 45 | 120 | 47 | 564 | 460 | 52 | 4-φ33 | 562 | 667 | 260 | 200 | 130 | 32×18×11 | M24 | 41 | 637 |
| 11 | KHHM-15-8823/16 | 1270 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 688 |
| 15 | KHHM-20-8823/16 | 1314 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 696 |
| 7.5 | KHHM-10-8823/18 | 1226 | | 236 | 275 | | | | | | | | | | | | | | | | | | | 670 |
| 11 | KHHM-15-8823/18 | 1294 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 721 |
| 15 | KHHM-20-8823/18 | 1338 | 800 | 301 | 334 | 674 | 580 | 300 | 45 | 120 | 47 | 564 | 460 | 52 | 4-φ33 | 562 | 667 | 260 | 200 | 130 | 32×18×11 | M24 | 41 | 746 |
| 18.5 | KHHM-25-8823/18 | 1361 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 744 |
| 22 | KHHM-30-8823/18 | 1361 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 744 |
| 2.2 | KHHM-3-8824/16 | 1162 | | 199 | 219 | | | | | | | | | | | | | | | | | | | 703 |
| 3.7 | KHHM-5-8824/16 | 1149 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 707 |
| 5.5 | KHHM-8-8824/16 | 1195 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 735 |
| 7.5 | KHHM-10-8824/16 | 1233 | 816 | 236 | 273 | 724 | 630 | 335 | 45 | 128 | 47 | 584 | 480 | 52 | 4-φ39 | 614 | 729 | 263 | 200 | 140 | 36×20×12 | M24 | 41 | 742 |
| 11 | KHHM-15-8824/16 | 1308 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 793 |
| 15 | KHHM-20-8824/16 | 1352 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 801 |
| 7.5 | KHHM-10-8824/18 | 1263 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 775 |
| 11 | KHHM-15-8824/18 | 1331 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 826 |
| 15 | KHHM-20-8824/18 | 1375 | 837 | 301 | 334 | 724 | 630 | 335 | 45 | 128 | 47 | 584 | 480 | 52 | 4-φ39 | 614 | 729 | 263 | 200 | 140 | 36×20×12 | M24 | 41 | 834 |
| 18.5 | KHHM-25-8824/18 | 1398 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 862 |
| 22 | KHHM-30-8824/18 | 1398 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 862 |
| 3.7 | KHHM-5-8825/17 | 1301 | | 216 | 238 | | | | | | | | | | | | | | | | | | | 1064 |
| 5.5 | KHHM-8-8825/17 | 1335 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 1092 |
| 7.5 | KHHM-10-8825/17 | 1373 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 1099 |
| 11 | KHHM-15-8825/17 | 1448 | 956 | 301 | 334 | 784 | 670 | 375 | 50 | 140 | 57 | 634 | 520 | 57 | 4-φ39 | 670 | 815 | 320 | 240 | 160 | 40×22×13 | M30 | 49 | 1150 |
| 15 | KHHM-20-8825/17 | 1492 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 1158 |
| 18.5 | KHHM-25-8825/17 | 1517 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 1190 |
| 22 | KHHM-30-8825/17 | 1517 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 1190 |
| 7.5 | KHHM-10-8825/19 | 1401 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 1081 |
| 11 | KHHM-15-8825/19 | 1476 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 1225 |
| 15 | KHHM-20-8825/19 | 1520 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 1233 |
| 18.5 | KHHM-25-8825/19 | 1539 | 978 | 325 | 382 | 784 | 670 | 375 | 50 | 140 | 57 | 634 | 520 | 57 | 4-φ39 | 670 | 815 | 320 | 240 | 160 | 40×22×13 | M30 | 49 | 1264 |
| 22 | KHHM-30-8825/19 | 1539 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 1264 |
| 30 | KHHM-40-8825/19 | 1577 | | 316 | 382 | | | | | | | | | | | | | | | | | | | 1280 |
| 5.5 | KHHM-8-8826/19 | 1473 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 1423 |
| 7.5 | KHHM-10-8826/19 | 1511 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 1430 |
| 11 | KHHM-15-8826/19 | 1586 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 1481 |
| 15 | KHHM-20-8826/19 | 1630 | | 301 | 33 | | | | | | | | | | | | | | | | | | | 1489 |
| 18.5 | KHHM-25-8826/19 | 1649 | 1088 | 325 | 4382 | 884 | 770 | 400 | 55 | 160 | 57 | 704 | 590 | 57 | 4-φ45 | 736 | 874 | 390 | 300 | 170 | 40×22×13 | M30 | 49 | 1519 |
| 22 | KHHM-30-8826/19 | 1649 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 1519 |
| 30 | KHHM-40-8826/19 | 1687 | | 316 | 382 | | | | | | | | | | | | | | | | | | | 1535 |
| 37 | KHHM-50-8826/19 | 1750 | | 364 | 420 | | | | | | | | | | | | | | | | | | | 1625 |
| 5.5 | KHHM-8-8827/19 | 1734 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 2563 |
| 7.5 | KHHM-10-8827/19 | 1772 | | 236 | 273 | | | | | | | | | | | | | | | | | | | 2570 |
| 11 | KHHM-15-8827/19 | 1847 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 2621 |
| 15 | KHHM-20-8827/19 | 1891 | | 301 | 334 | | | | | | | | | | | | | | | | | | | 2629 |
| 18.5 | KHHM-25-8827/19 | 1910 | 1349 | 325 | 382 | 1164 | 1050 | 540 | 60 | 200 | 57 | 1044 | 840 | 102 | 6-φ45 | 950 | 1161 | 485 | 330 | 180 | 45×25×15 | M30 | 52 | 2654 |
| 22 | KHHM-30-8827/19 | 1910 | | 325 | 382 | | | | | | | | | | | | | | | | | | | 2654 |
| 30 | KHHM-40-8827/19 | 1948 | | 316 | 382 | | | | | | | | | | | | | | | | | | | 2670 |
| 37 | KHHM-50-8827/19 | 2011 | | 364 | 420 | | | | | | | | | | | | | | | | | | | 2765 |

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