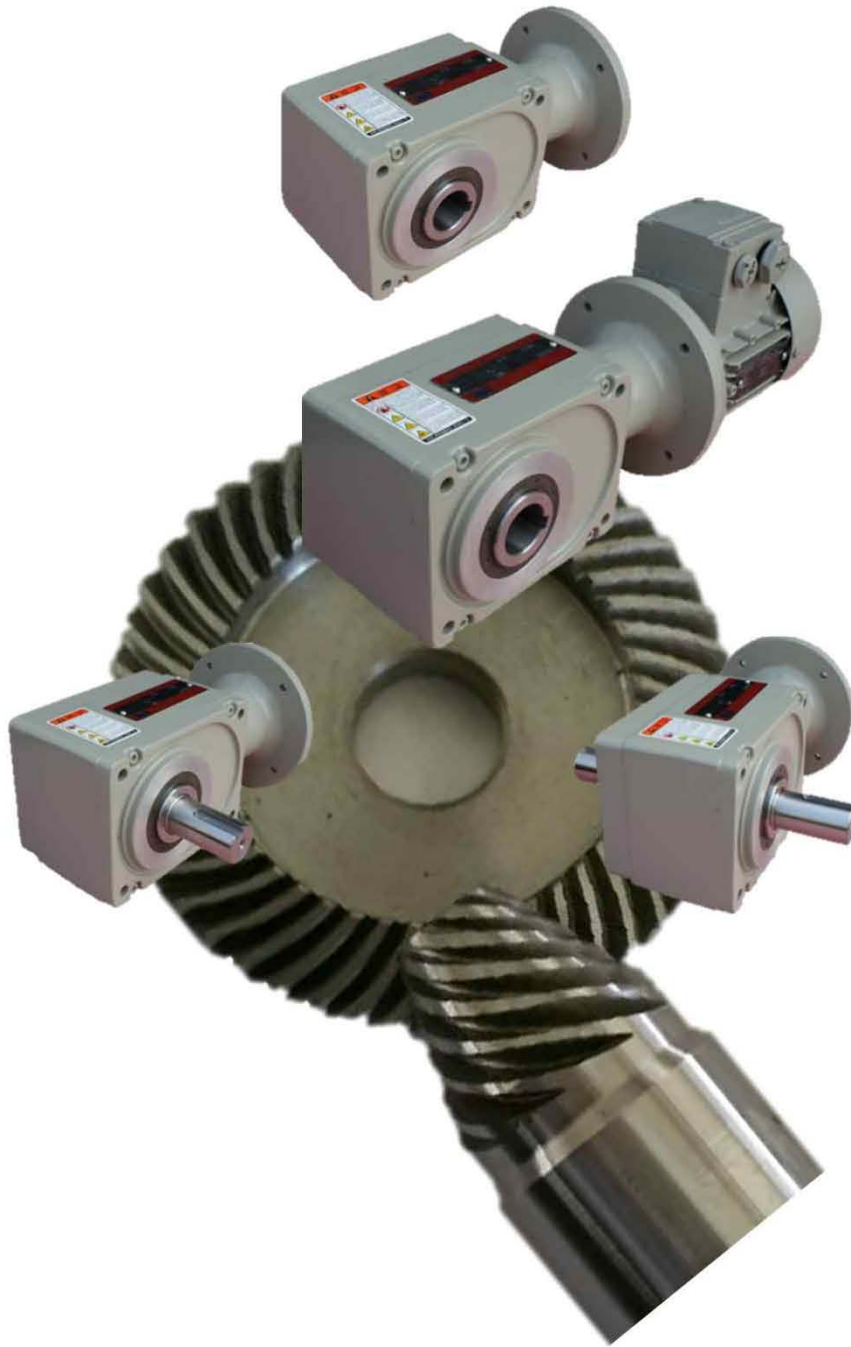


# ***Hypoid geared motor***

***200W ~ 2.2kW(3.7kW ~ 5.5kW : Order)***



**삼 중 기 업 (주)**

**SAMJUNG Ind. Co., Ltd.**

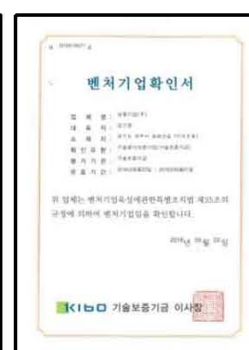
# Company profile

## Introduction

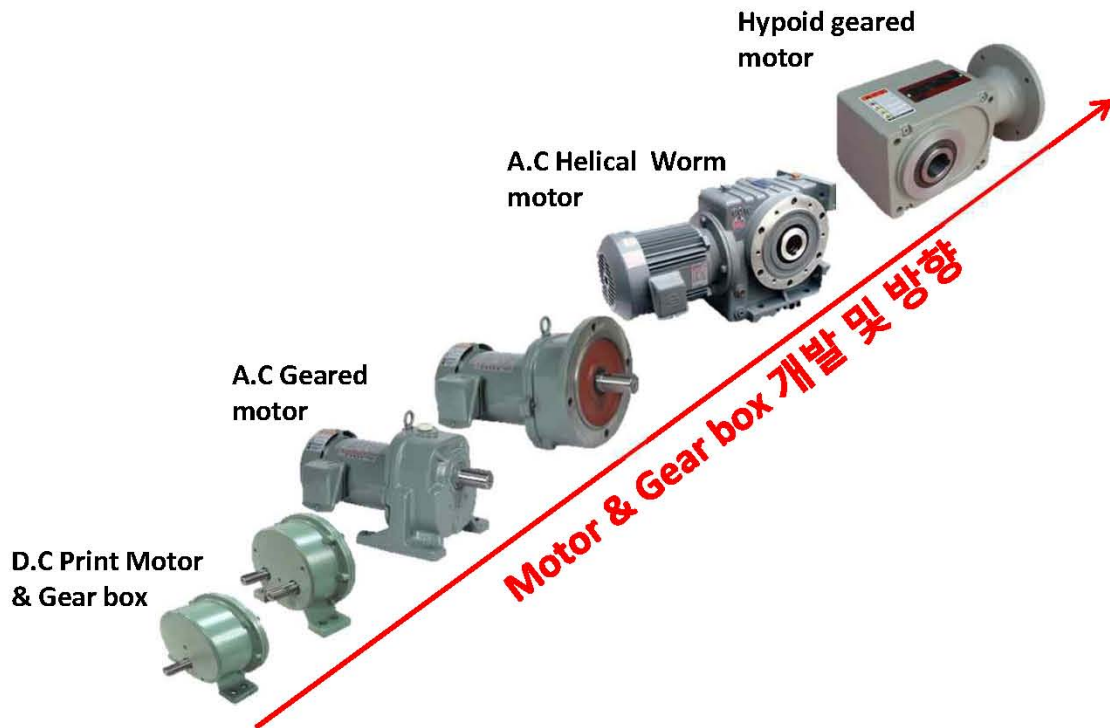
- 설립 : 1992. 03(법인 2002)
- 인원 : 15명(파주/울산/부산)
- 설비
  - CNC M/C
  - Gear Hobbing M/C
  - Grinding M/C
  - Milling M/C
  - Drill & Tapping M/C
  - Armature auto punching & Welding M/C
  - Magnetizer M/C
  - etc
- 인증현황
  - ISO 9001
  - ISO 14001
  - 이노비즈(INNO-BIZ)
  - 벤처기업
  - 연구개발전담부서
  - 특허(4건)
  - 실용신안(4건)
  - 디자인(7건)
  - 상표(1건)

## History

- 1992 : 삼중기업 설립
- 1993 : **Print motor/감속기** 생산  
**A.C Geared motor** 생산
- 1995 : 회사 확장 이전 / **Helical Worm 감속기** 생산
- 1998 : Co2 용접기용 감속기 특허 및 실용신안 출원
- 2001 : 파주공장 확장 이전 및 성동조선해양(주) 등록
- 2002 : 법인 전환 및 Co2 Wire feeder 수출  
대우조선해양(주) / STX 2차 Vendor
- 2003 : 벤처기업 인증/삼성중공업 2차 Vendor
- 2005 : ISO 9001 인증
- 2006 : 현대중공업(주)/(주)현대미포조선/효성중공업  
(주) 업체 등록
- 2007 : 이노비즈(INNO-BIZ) 인증
- 2008 : 한진중공업(주) 업체 등록
- 2009 : 현대삼호중공업(주) 업체 등록
- 2011 : 연구개발전담부서 인증/대우조선해양(주)  
업체 등록/ ISO 14001 인증
- 2012 : 제2공장 설립(하지석동)
- 2013 : Digital Wire feeder(HHI) 공동 개발
- 2015 ~ 2016 : **Hypoid gear** 개발



# Hypoid Gear 개발



Intersected axes(직교축)

High efficiency(고효율)

High strength(고강도)

Light weight(경량화)

Low noise(저소음)

Long life(긴수명)

Compact(최적화)



# Hypoid Gear Features



**고효율 축직각 감속기**  
High efficiency, Intersected axes

- 웜기어에 비해 우월한 효율  
(Superior efficiency than worm)
- 고비율에서도 효율 83% 이상  
(High efficiency ratio at least 83%)

**저소음 저진동**  
Low noise, Low vibration

- 베벨에 비해 소음 및 진동 적음  
(Lower noise and vibration compared with bevel)
- 소음 평균 52 ~ 65dB  
(Noise average 52~65dB)

**고강도 긴수명**  
High strength, Long life

- 소재(SCM420H) 침탄 열처리 적용  
(Material(SCM420H) carburizing heat treatment applied)
- 기어 강도 및 수명 증가  
(Gear strength and longer lifespan)

**경량화 최적화**  
Light weight, Compact

- 알루미늄 케이스로 중량 경량화  
(Lighter weight aluminum case)
- 오프셋(Off-set) 설치공간 최적화  
(Offset installation space optimization)



# Model code

**HIT 020 - H 200 S**

① ② ③ ④ ⑤

- ① 제품명 : Hypoid reducer IEC Type
- ② 모터 용량 : 0.2kW
- ③ 중공축 타입 : Hollow shaft type
- ④ 감속비 : 1/200
- ⑤ 축 타입 S : Output shaft located on one side  
T : Output shaft located on both sides



Hypoid reducer IEC Type  
0.2kW Hollow shaft type 200:1

**HIT 020 - H200**



Hypoid reducer IEC Type  
0.2kW one side shaft type 200:1

**HIT 020 - 200S**



Hypoid reducer IEC Type  
0.2kW both sides shaft type 200:1

**HIT 020 - 200T**



# Model Specification

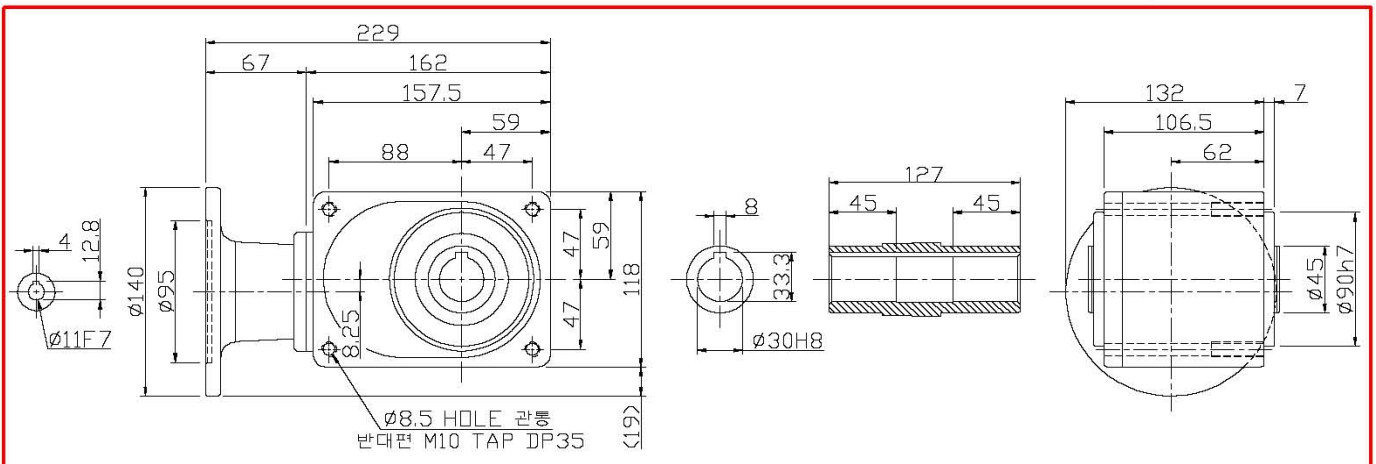
| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |     |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|-----|
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |     |
|            |       |                  |                          |                |                      |      | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf |
| HIT<br>020 | 5     | 0.2              | 4.92                     | 2              | 300                  | 360  | 5.6           | 0.57  | 4.6           | 0.47  | 588                 | 60  |
|            | 10    |                  | 9.83                     |                | 150                  | 180  | 10.8          | 1.1   | 9.3           | 0.95  | 980                 | 100 |
|            | 15    |                  | 14.75                    |                | 100                  | 120  | 16.7          | 1.7   | 13.7          | 1.4   | 1078                | 110 |
|            | 20    |                  | 19.67                    |                | 75                   | 90   | 22.5          | 2.3   | 18.6          | 1.9   | 1176                | 120 |
|            | 25    |                  | 24.58                    |                | 60                   | 72   | 27.4          | 2.8   | 23.5          | 2.4   | 1274                | 130 |
|            | 30    |                  | 29.50                    |                | 50                   | 60   | 33.3          | 3.4   | 27.4          | 2.8   | 1421                | 145 |
|            | 40    |                  | 39.33                    |                | 37.5                 | 45   | 44.1          | 4.5   | 37.2          | 3.8   | 1617                | 165 |
|            | 50    |                  | 49.17                    |                | 30                   | 36   | 55.9          | 5.7   | 46.1          | 4.7   | 1862                | 190 |
|            | 60    |                  | 59.00                    |                | 25                   | 30   | 66.6          | 6.8   | 54.9          | 5.6   | 2009                | 205 |
|            | 80    |                  | 78.67                    | 3              | 18.8                 | 22.5 | 84.3          | 8.6   | 70.6          | 7.2   | 2254                | 230 |
|            | 100   |                  | 98.33                    |                | 15                   | 18   | 106           | 10.8  | 88.2          | 9     | 2548                | 260 |
|            | 120   |                  | 118.00                   |                | 12.5                 | 15   | 126           | 12.9  | 106           | 10.8  | 2793                | 285 |
|            | 160   |                  | 157.33                   |                | 9.4                  | 11.3 | 169           | 17.2  | 140           | 14.3  | 3332                | 340 |
|            | 200   |                  | 196.67                   |                | 7.5                  | 9    | *169          | *17.2 | *169          | *17.2 | 3332                | 340 |

\* 표의 기종은 토크 제한 기종으로 정해진 토크에 맞게 사용하십시오.

(\* For a table model is used to fit the specified torque with torque limiting model.)

## Dimensions

HIT 020 - H5 ~ 200

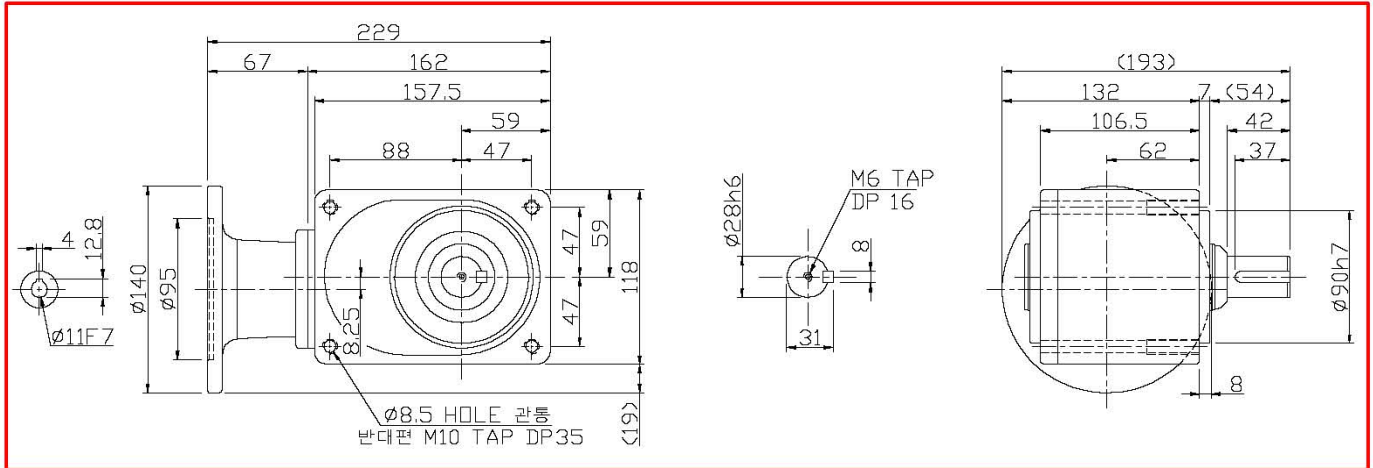


출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/60, ↻ 1/80 ~ 1/200



## Dimensions

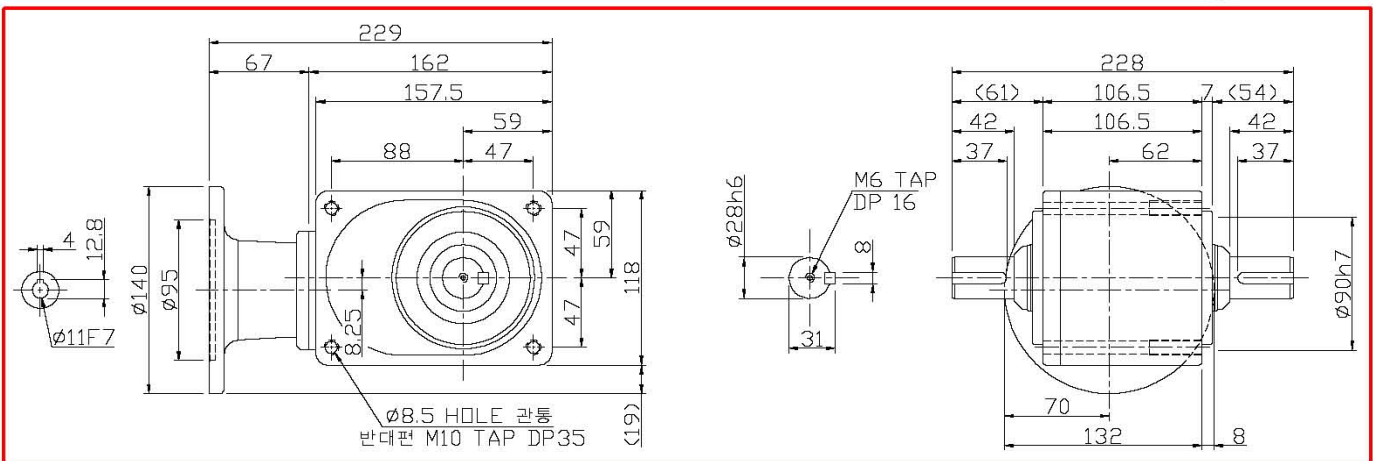
HIT 020 - 5 ~ 200S



출력축 회전방향 (Direction of rotation) ↺ 1/5 ~ 1/60, ↻ 1/80 ~ 1/200

## Dimensions

HIT 020 - 5 ~ 200T



출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/60, ↻ 1/80 ~ 1/200

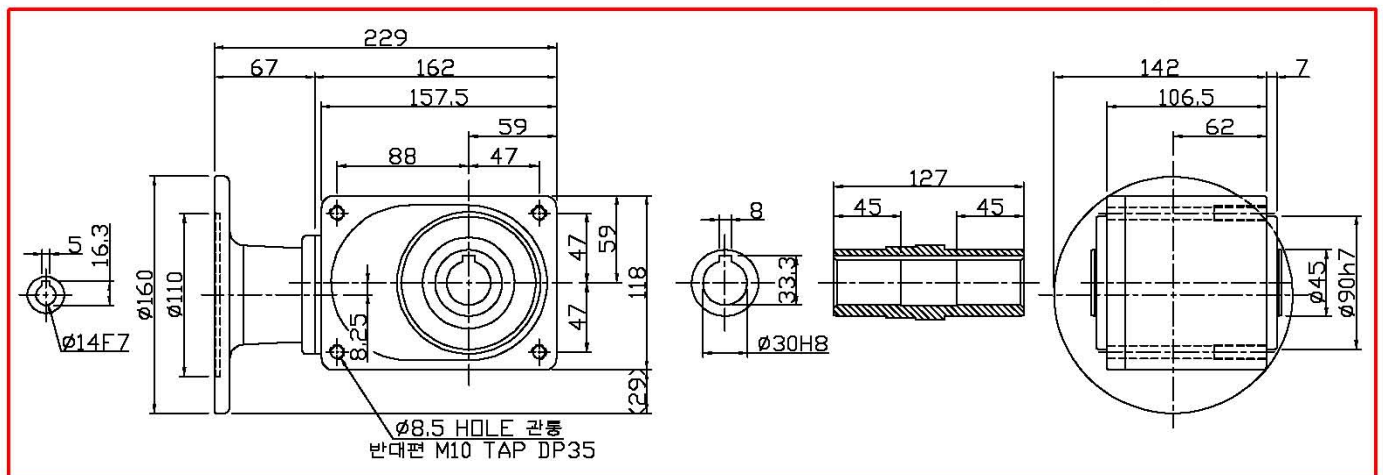


# Model Specification

| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |     |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|-----|
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |     |
|            |       |                  |                          |                |                      |      | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf |
| HIT<br>040 | 5     | 0.4              | 5.11                     | 2              | 300                  | 360  | 10.8          | 1.1   | 9.3           | 0.95  | 931                 | 95  |
|            | 10    |                  | 10.22                    |                | 150                  | 180  | 22.5          | 2.3   | 18.6          | 1.9   | 1568                | 160 |
|            | 15    |                  | 15.33                    |                | 100                  | 120  | 33.3          | 3.4   | 27.4          | 2.8   | 1715                | 175 |
|            | 20    |                  | 20.44                    |                | 75                   | 90   | 44.1          | 4.5   | 37.2          | 3.8   | 1862                | 190 |
|            | 25    |                  | 25.55                    |                | 60                   | 72   | 55.9          | 5.7   | 46.1          | 4.7   | 2009                | 205 |
|            | 30    |                  | 30.66                    |                | 50                   | 60   | 66.6          | 6.8   | 55.9          | 5.7   | 2205                | 225 |
|            | 40    |                  | 40.88                    | 3              | 37.5                 | 45   | 84.3          | 8.6   | 70.6          | 7.2   | 2450                | 250 |
|            | 50    |                  | 51.11                    |                | 30                   | 36   | 106           | 10.8  | 88.2          | 9     | 2793                | 285 |

## Dimensions

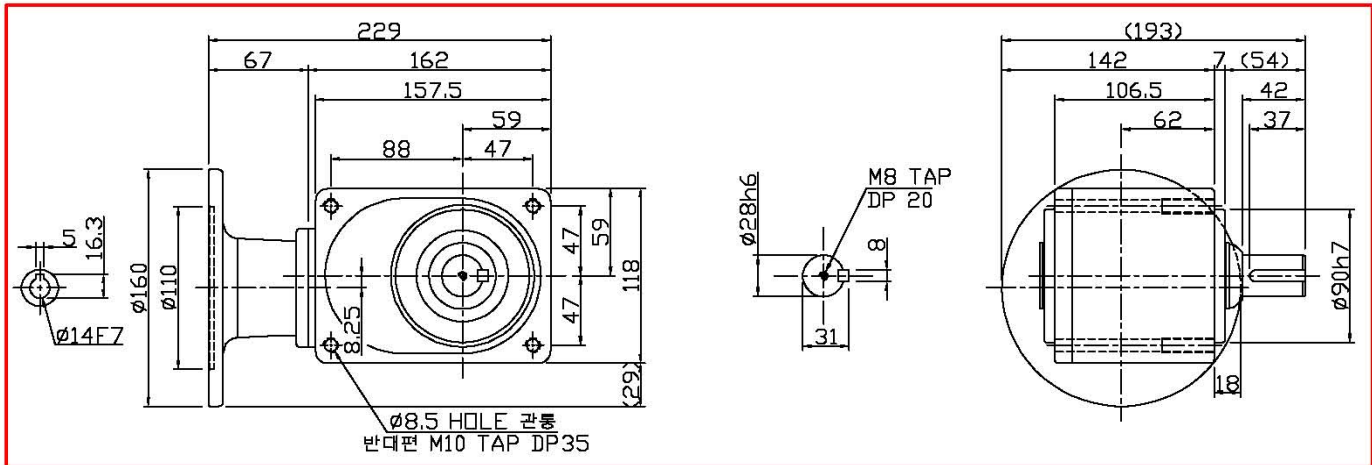
HIT 040 - H5 ~ 50



출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/30, ↻ 1/40 ~ 1/50

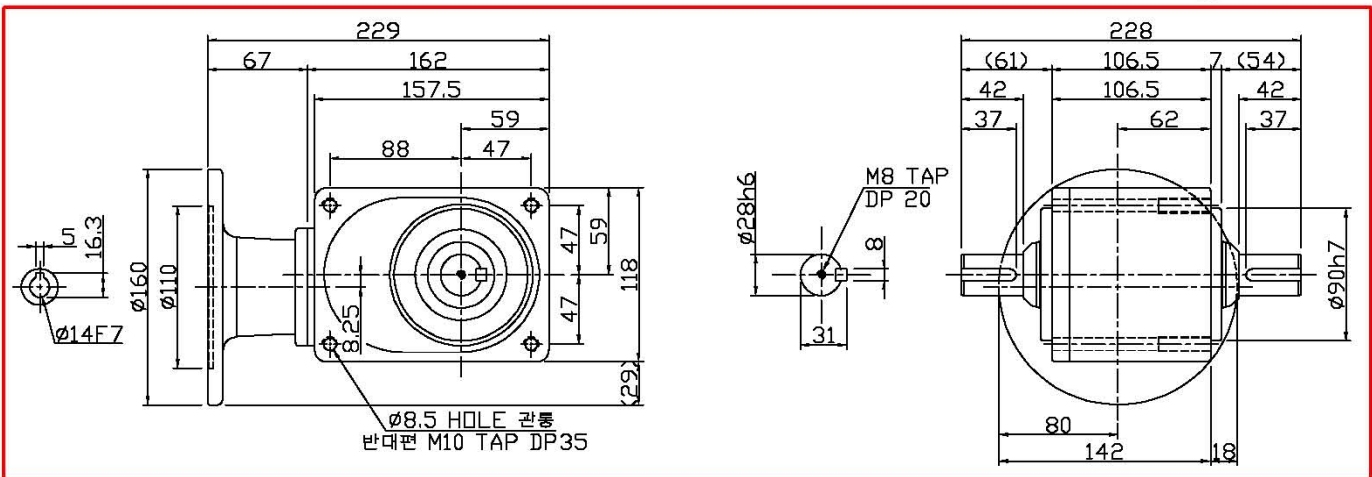


**HIT 040 - 5 ~ 50S**



출력축 회전방향(Direction of rotation)  1/5 ~ 1/30,  1/40 ~ 1/50

**HIT 040 - 5 ~ 50T**



출력축 회전방향(Direction of rotation)  1/5 ~ 1/30,  1/40 ~ 1/50



# Model Specification

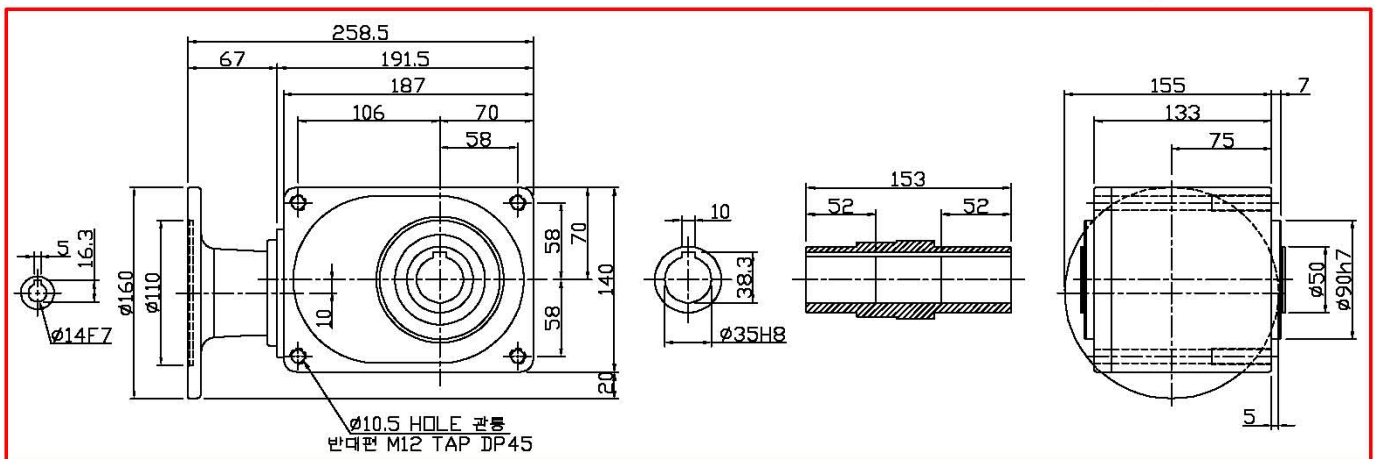
| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |     |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|-----|
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |     |
|            |       |                  |                          |                |                      |      | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf |
| HIT<br>040 | 60    | 0.4              | 59                       | 3              | 25                   | 30   | 126           | 12.9  | 106           | 10.8  | 3038                | 310 |
|            | 80    |                  | 78.67                    |                | 18.8                 | 22.5 | 169           | 17.2  | 141           | 14.4  | 3479                | 355 |
|            | 100   |                  | 98.33                    |                | 15                   | 18   | 212           | 21.6  | 176           | 18    | 3920                | 400 |
|            | 120   |                  | 118                      |                | 12.5                 | 15   | 254           | 25.9  | 212           | 21.6  | 4410                | 450 |
|            | 160   |                  | 157.33                   |                | 9.4                  | 11.3 | 338           | 34.5  | 281           | 28.7  | 4410                | 450 |
|            | 200   |                  | 196.67                   |                | 7.5                  | 9    | *374          | *38.2 | *312          | *31.8 | 4410                | 450 |

\* 표의 기종은 토크 제한 기종으로 정해진 토크에 맞게 사용하십시오.

( \* For a table model is used to fit the specified torque with torque limiting model.)

## Dimensions

HIT 040 - H60 ~ 200

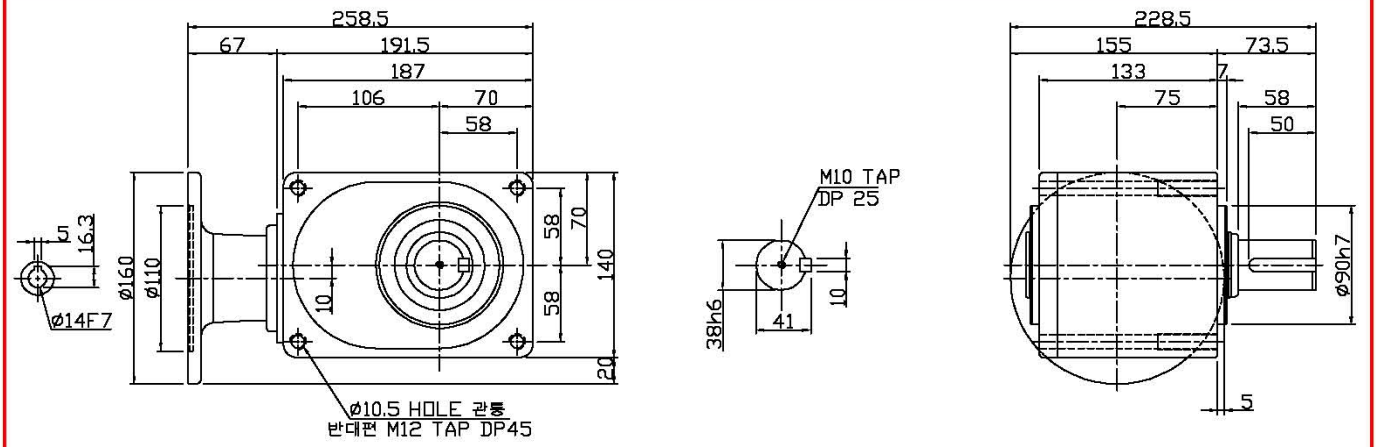


출력축 회전방향(Direction of rotation) ➡ 1/60 ~ 1/200



## Dimensions

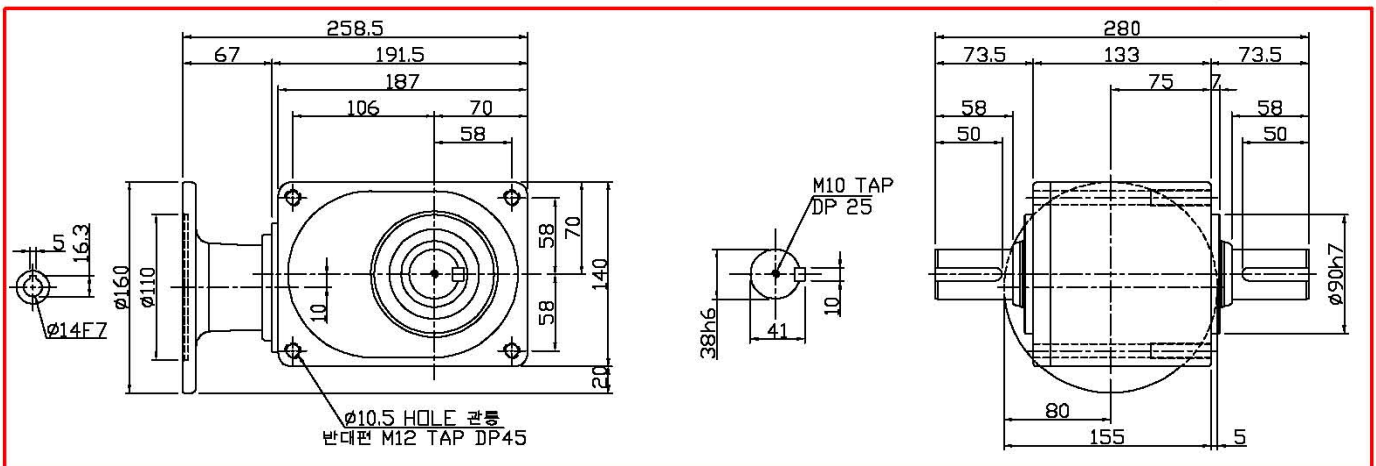
HIT 040 - 60 ~ 200S



출력축 회전방향(Direction of rotation) ↻ 1/60 ~ 1/200

## Dimensions

HIT 040 - 60 ~ 200T



출력축 회전방향(Direction of rotation) ↻ 1/60 ~ 1/200

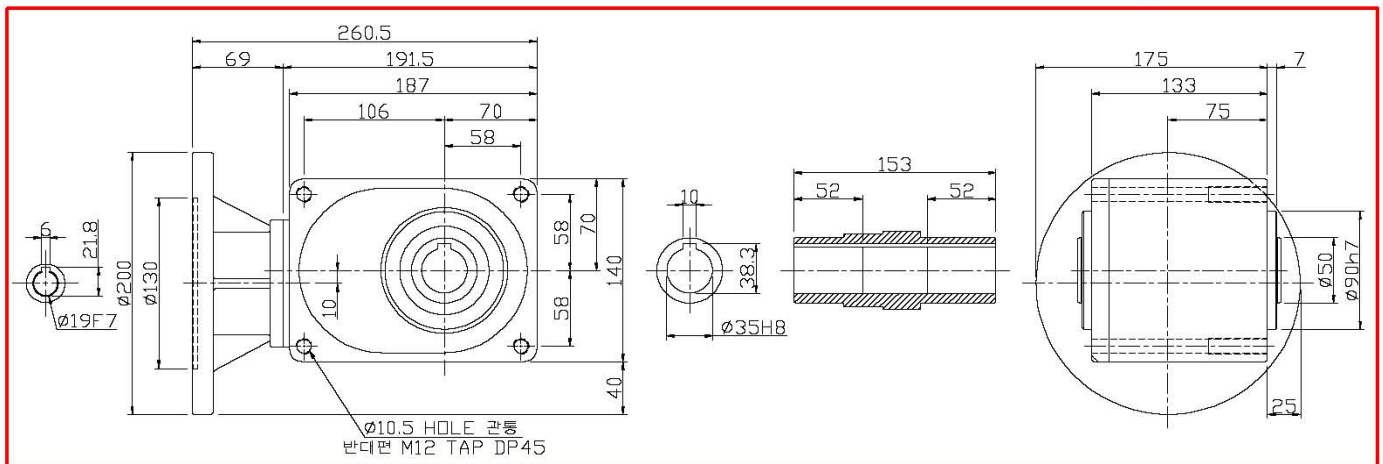


# Model Specification

| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |     |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|-----|
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |     |
|            |       |                  |                          |                |                      |      | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf |
| HIT<br>075 | 5     | 0.75             | 5.11                     | 2              | 300                  | 360  | 20.6          | 2.1   | 17.6          | 1.8   | 1519                | 155 |
|            | 10    |                  | 10.22                    |                | 150                  | 180  | 42.1          | 4.3   | 34.3          | 3.5   | 2205                | 225 |
|            | 15    |                  | 15.33                    |                | 100                  | 120  | 62.7          | 6.4   | 51.9          | 5.3   | 2401                | 245 |
|            | 20    |                  | 20.44                    |                | 75                   | 90   | 83.3          | 8.5   | 69.6          | 7.1   | 2646                | 270 |
|            | 25    |                  | 25.55                    |                | 60                   | 72   | 104           | 10.6  | 87.2          | 8.9   | 2891                | 295 |
|            | 30    |                  | 30.66                    |                | 50                   | 60   | 125           | 12.8  | 104           | 10.6  | 3136                | 320 |
|            | 40    |                  | 40.88                    | 3              | 37.5                 | 45   | 159           | 16.2  | 132           | 13.5  | 3626                | 370 |
|            | 50    |                  | 51.11                    |                | 30                   | 36   | 198           | 20.2  | 165           | 16.8  | 4116                | 420 |

## Dimensions

HIT 075 - H5 ~ 50

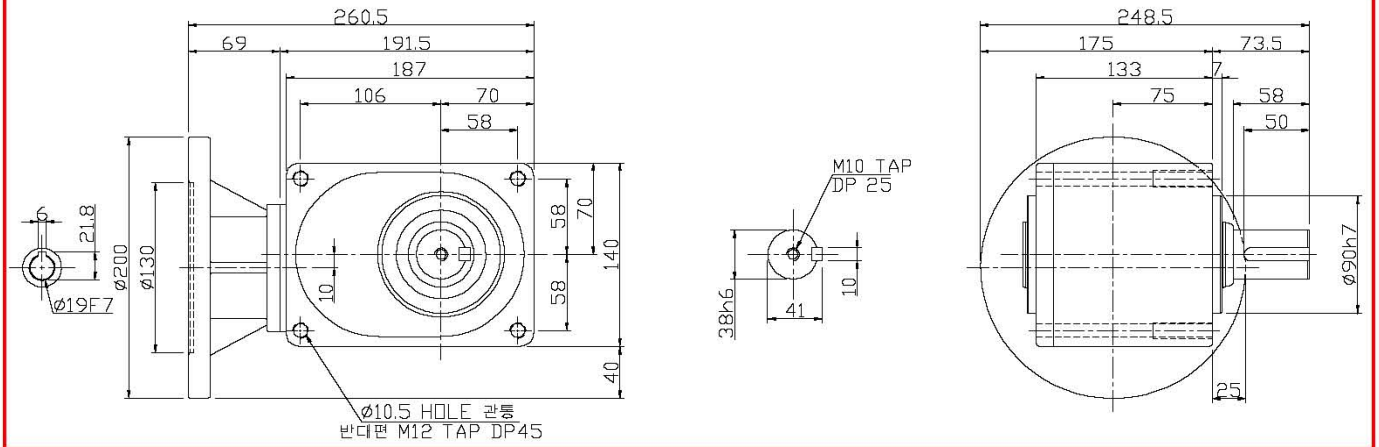


출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/30 ↻ 1/40 ~ 1/50



## Dimensions

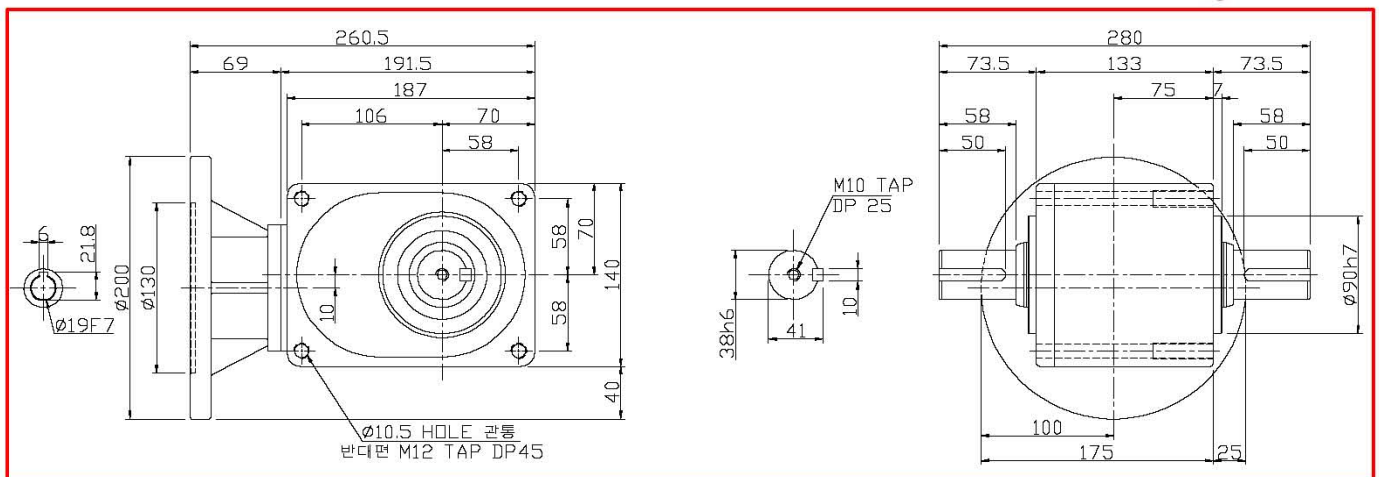
HIT 075 - 5 ~ 50S



출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/30 ↻ 1/40 ~ 1/50

## Dimensions

HIT 075 - 5 ~ 50T



출력축 회전방향(Dircetion of rotation) ↺ 1/5 ~ 1/30 ↻ 1/40 ~ 1/50



# Model Specification

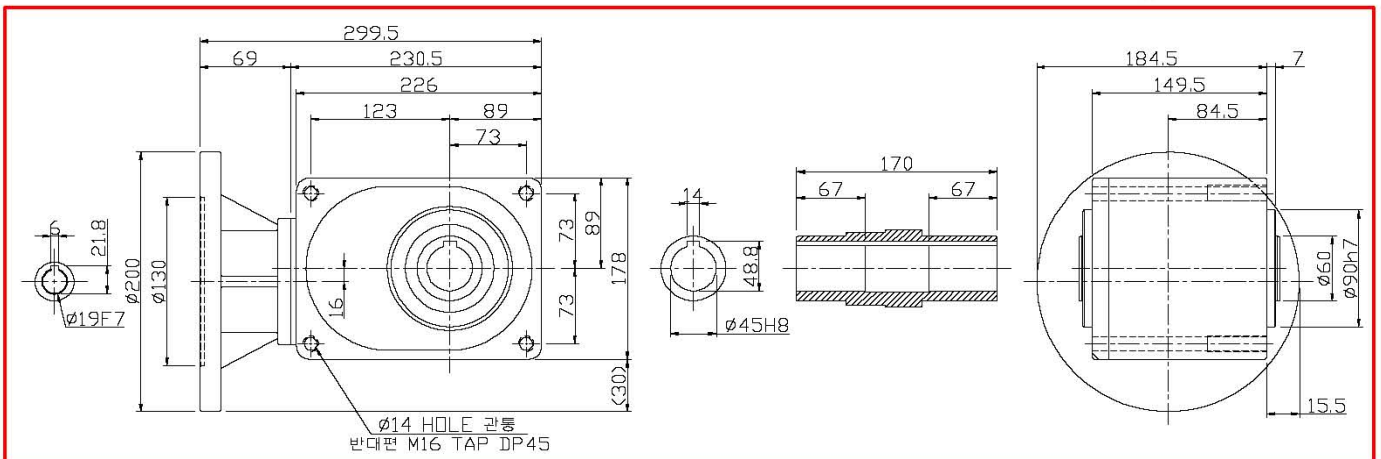
| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |     |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|-----|
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |     |
|            |       |                  |                          |                |                      |      | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf |
| HIT<br>075 | 60    | 0.75             | 59                       | 3              | 25                   | 30   | 238           | 24.3  | 198           | 20.2  | 4508                | 460 |
|            | 80    |                  | 78.67                    |                | 18.8                 | 22.5 | 317           | 32.3  | 264           | 26.9  | 5390                | 550 |
|            | 100   |                  | 98.33                    |                | 15                   | 18   | 396           | 40.4  | 330           | 33.7  | 6272                | 640 |
|            | 120   |                  | 118                      |                | 12.5                 | 15   | 475           | 48.5  | 396           | 40.4  | 6272                | 640 |
|            | 160   |                  | 157.33                   |                | 9.4                  | 11.3 | 621           | 63.4  | 517           | 52.8  | 6272                | 640 |
|            | 200   |                  | 196.67                   |                | 7.5                  | 9    | *621          | *63.4 | *621          | *63.4 | 6272                | 640 |

\* 표의 기종은 토크 제한 기종으로 정해진 토크에 맞게 사용하십시오.

( \* For a table model is used to fit the specified torque with torque limiting model.)

## Dimensions

HIT 075 - H60 ~ 200

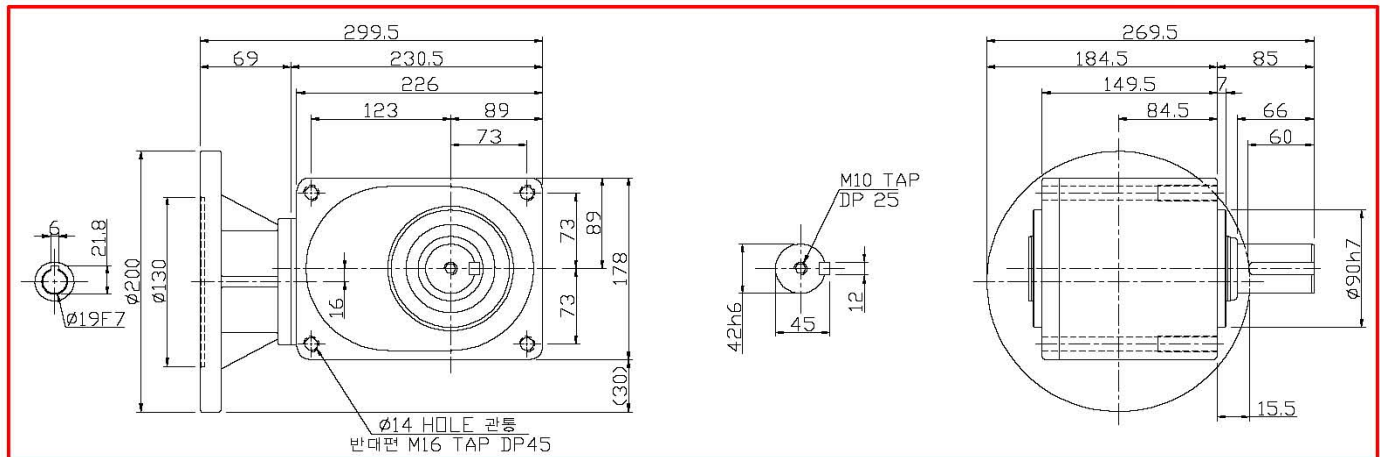


출력축 회전방향(Direction of rotation) → 1/60 ~ 1/200



# Dimensions

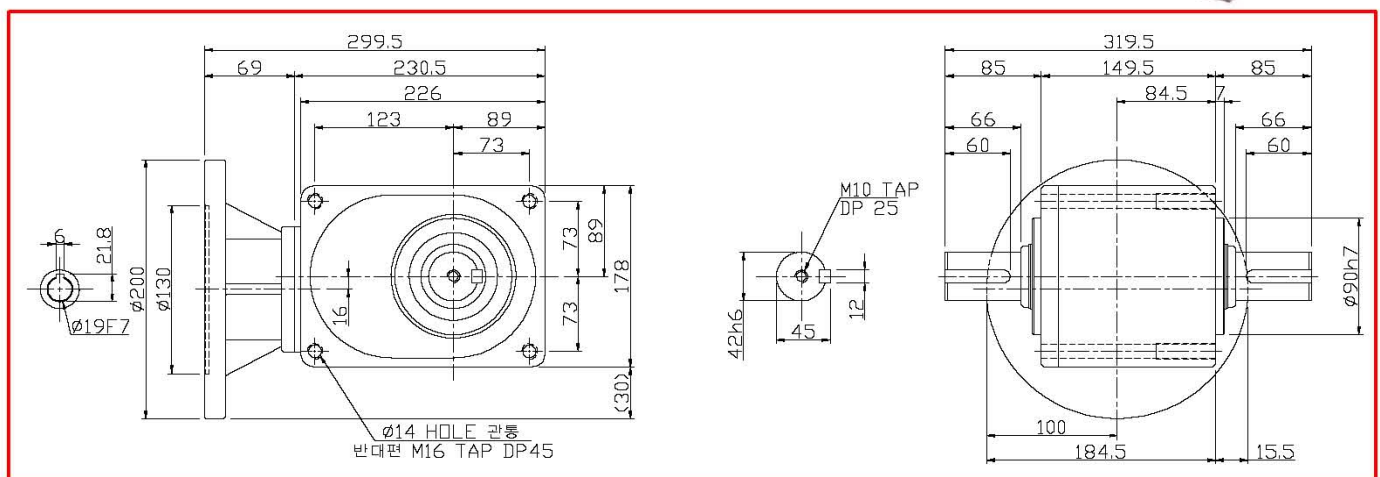
HIT 075 - 60 ~ 200S



출력축 회전방향(Direction of rotation) ↻ 1/60 ~ 1/200

# Dimensions

HIT 075 - 60 ~ 200T



출력축 회전방향(Dirction of rotation) ↻ 1/60 ~ 1/200

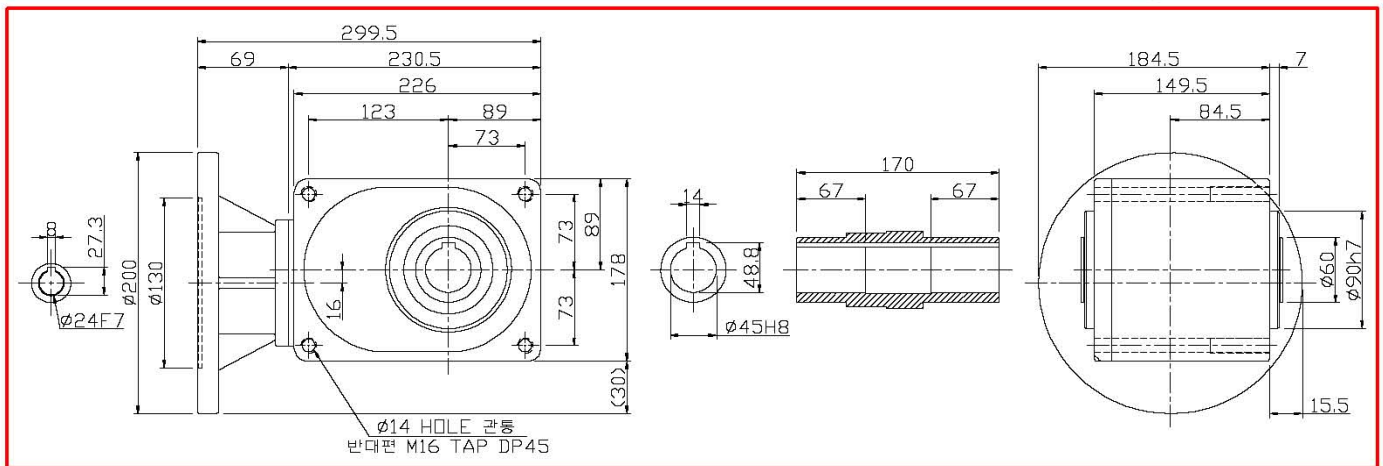


# Model Specification

| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |     |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|-----|
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |     |
|            |       |                  |                          |                |                      |      | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf |
| HIT<br>150 | 5     | 1.5              | 5.11                     | 2              | 300                  | 360  | 41.2          | 4.2   | 34.3          | 3.5   | 2058                | 210 |
|            | 10    |                  | 10.22                    |                | 150                  | 180  | 83.3          | 8.5   | 69.6          | 7.1   | 2842                | 290 |
|            | 15    |                  | 15.33                    |                | 100                  | 120  | 124           | 12.7  | 104           | 10.6  | 3234                | 330 |
|            | 20    |                  | 20.44                    |                | 75                   | 90   | 166           | 16.9  | 138           | 14.1  | 3626                | 370 |
|            | 25    |                  | 25.55                    |                | 60                   | 72   | 208           | 21.2  | 173           | 17.7  | 4018                | 410 |
|            | 30    |                  | 30.66                    |                | 50                   | 60   | 249           | 25.4  | 208           | 21.2  | 4508                | 460 |
|            | 40    |                  | 40.88                    | 3              | 37.5                 | 45   | 317           | 32.3  | 264           | 26.9  | 5292                | 540 |
|            | 50    |                  | 51.11                    |                | 30                   | 36   | 396           | 40.4  | 330           | 33.7  | 6076                | 620 |
|            | 60    |                  | 61.33                    |                | 25                   | 30   | 475           | 48.5  | 396           | 40.4  | 6272                | 640 |
|            | 80    |                  | 81.77                    |                | 18.8                 | 22.5 | 634           | 64.7  | 528           | 53.9  | 6272                | 640 |

## Dimensions

HIT 150 - H5 ~ 80

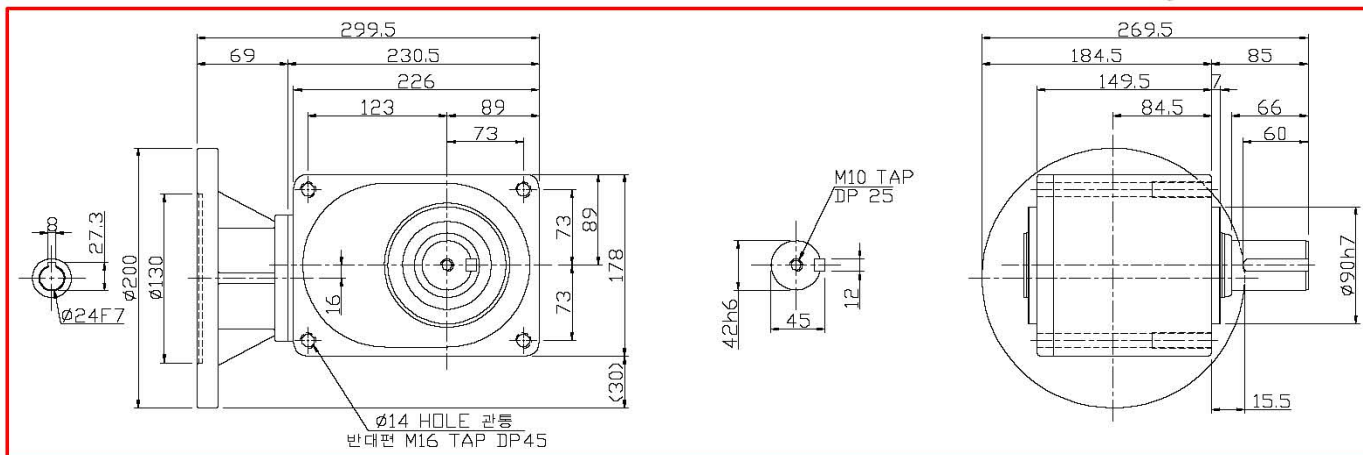


출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/30 ↻ 1/40 ~ 1/80



## Dimensions

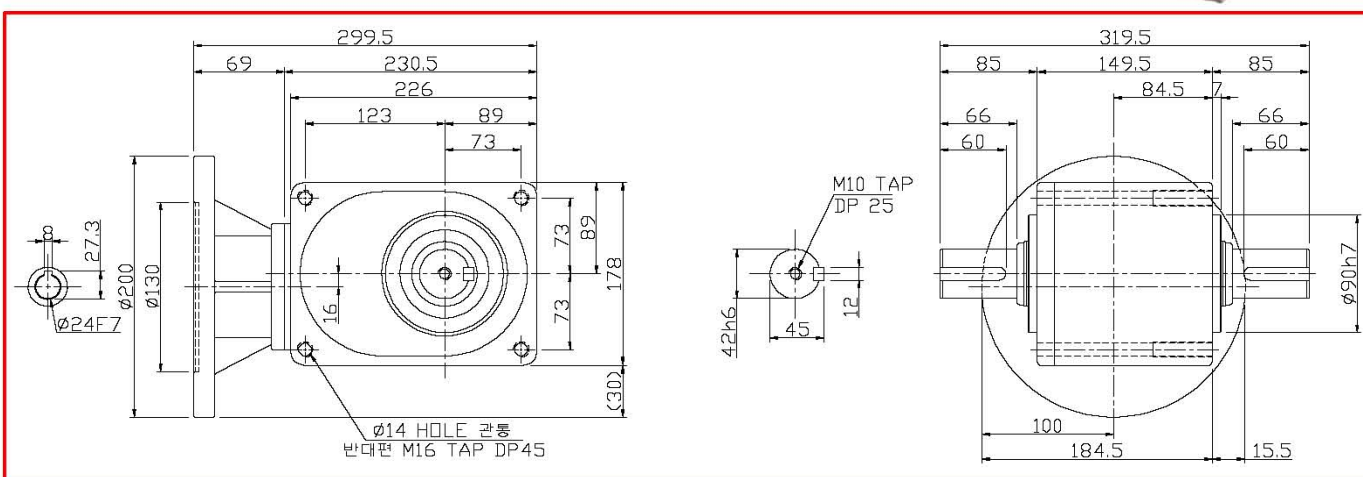
HIT 150 - 5 ~ 80S



출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/30 ↻ 1/40 ~ 1/80

## Dimensions

HIT 150 - 5 ~ 80T



출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/30 ↻ 1/40 ~ 1/80



## Model Specification

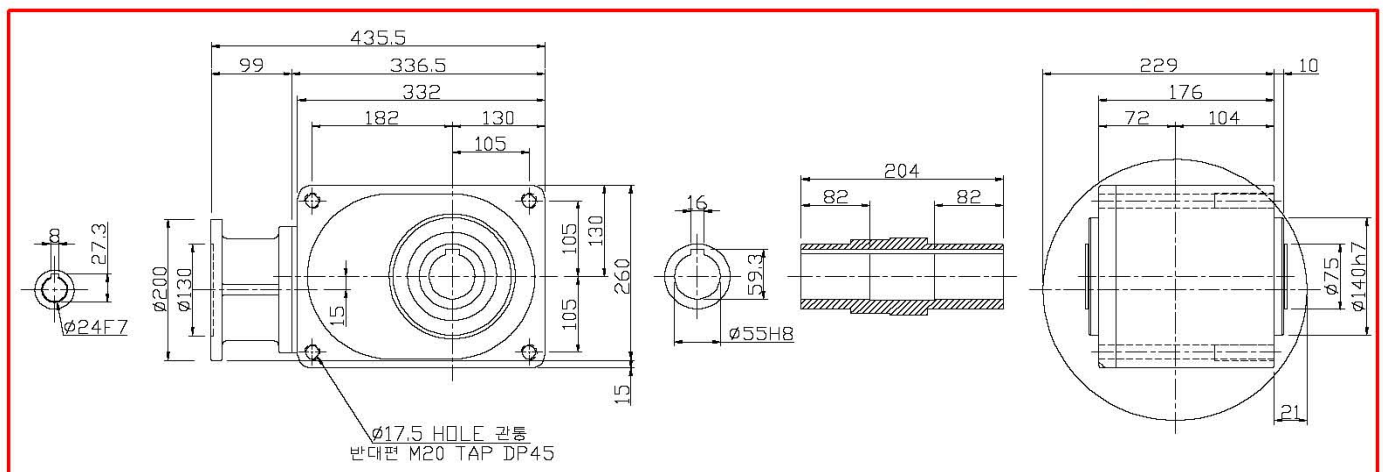
| 모델 형번      |       | 모터<br>용량 | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |      |
|------------|-------|----------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|------|
|            |       |          |                          |                |                      |      | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |      |
| Model      | Ratio | (kW)     |                          |                | 50Hz                 | 60Hz | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf  |
| HIT<br>150 | 100   | 1.5      | 98.33                    | 3              | 15                   | 18   | 792           | 80.8  | 661           | 67.4  | 9800                | 1000 |
|            | 120   |          | 118                      |                | 12.5                 | 15   | 951           | 97    | 792           | 80.8  | 9800                | 1000 |
|            | 160   |          | 157.33                   |                | 9.4                  | 11.3 | *1176         | *120  | 1058          | 108   | 9800                | 1000 |
|            | 200   |          | 196.67                   |                | 7.5                  | 9    | *1176         | *120  | *1176         | *120  | 9800                | 1000 |

\* 표의 기종은 토크 제한 기종으로 정해진 토크에 맞게 사용하십시오.

(\* For a table model is used to fit the specified torque with torque limiting model.)

## Dimensions

**HIT 150 - H100 ~ 200**

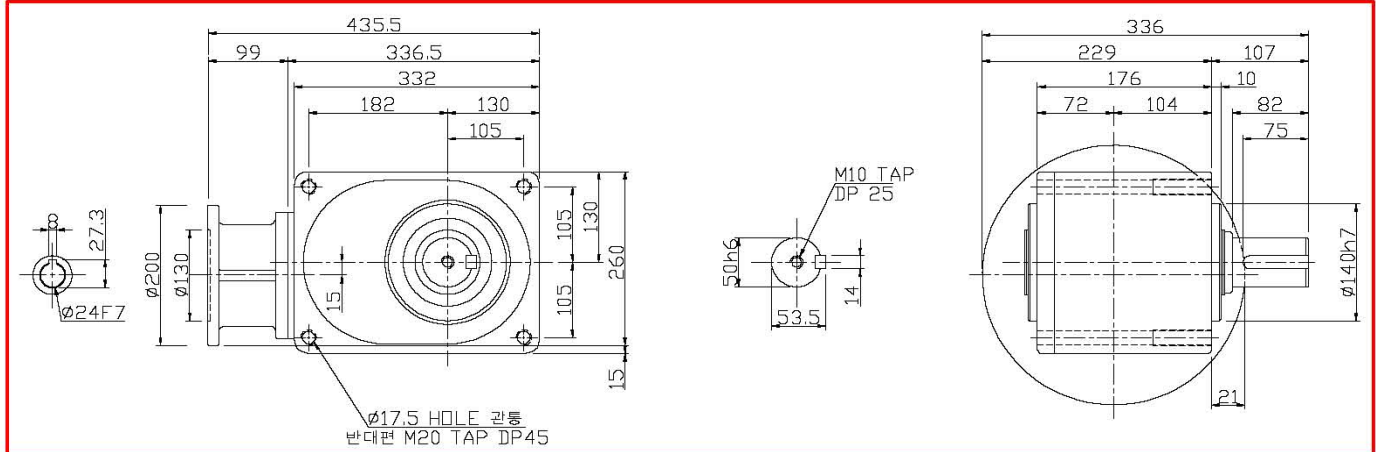


출력축 회전방향(Direction of rotation)  1/100 ~ 1/200



## Dimensions

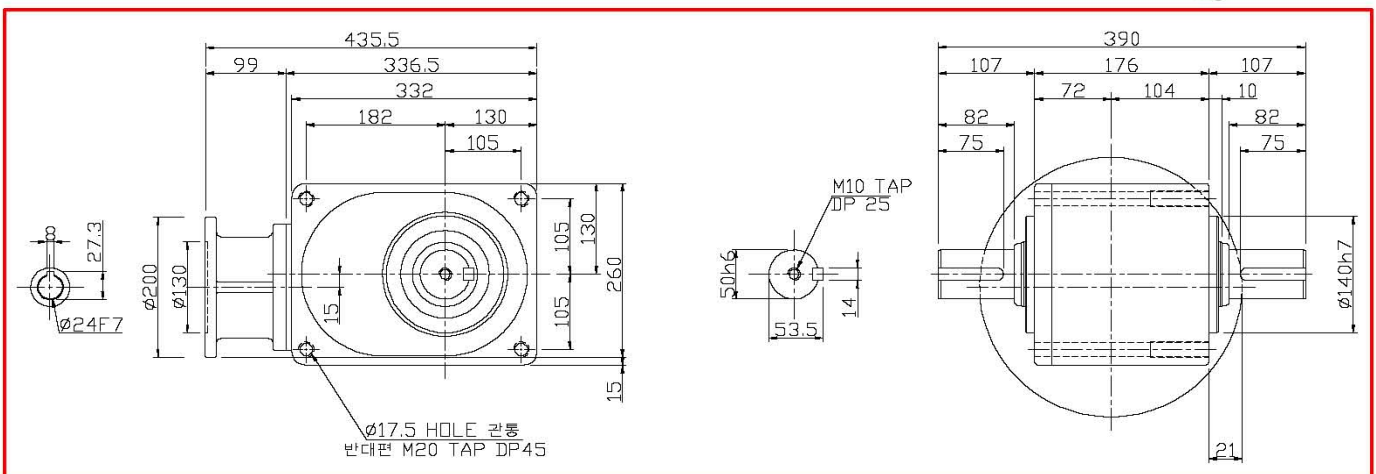
HIT 150 - 100 ~ 200S



출력축 회전방향(Direction of rotation) ↻ 1/100 ~ 1/200

## Dimensions

HIT 150 - 100 ~ 200T



출력축 회전방향(Dirction of rotation) ↻ 1/100 ~ 1/200

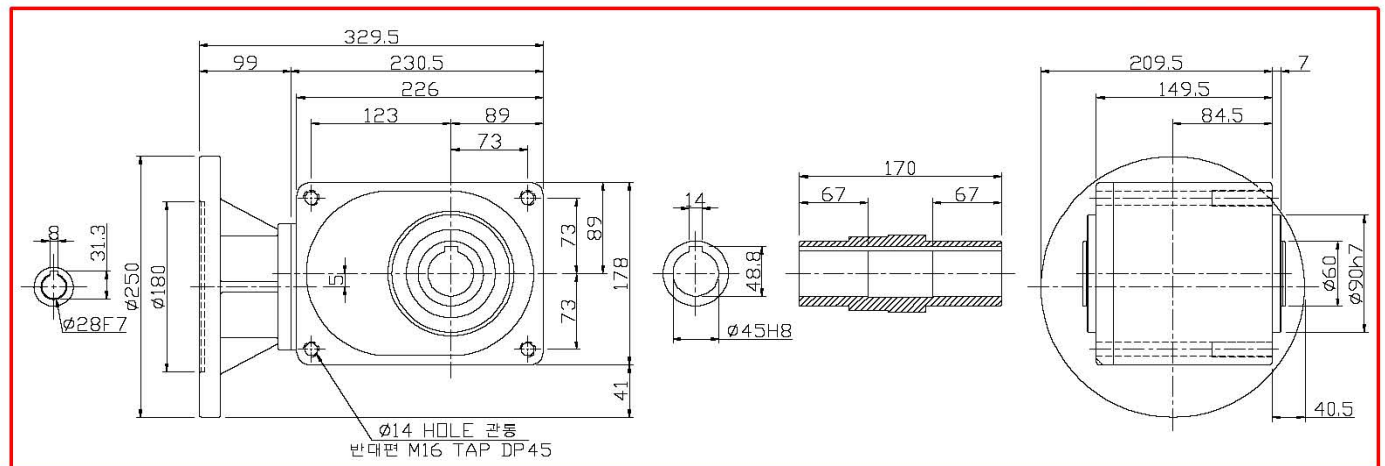


# Model Specification

| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |     |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|-----|
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |     |
|            |       |                  |                          |                |                      |      | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf |
| HIT<br>220 | 5     | 2.2              | 5.11                     | 2              | 300                  | 360  | 60.8          | 6.2   | 51            | 5.2   | 3038                | 310 |
|            | 10    |                  | 10.22                    |                | 150                  | 180  | 122           | 12.4  | 102           | 10.4  | 3822                | 390 |
|            | 15    |                  | 15.33                    |                | 100                  | 120  | 182           | 18.6  | 152           | 15.5  | 4214                | 430 |
|            | 20    |                  | 20.44                    |                | 75                   | 90   | 244           | 24.9  | 203           | 20.7  | 4606                | 470 |
|            | 25    |                  | 25.55                    | 3              | 60                   | 72   | 290           | 29.6  | 242           | 24.7  | 4998                | 510 |
|            | 30    |                  | 30.66                    |                | 50                   | 60   | 349           | 35.6  | 290           | 29.6  | 5390                | 550 |
|            | 40    |                  | 40.88                    |                | 37.5                 | 45   | 465           | 47.4  | 387           | 39.5  | 5782                | 590 |
|            | 50    |                  | 51.11                    |                | 30                   | 36   | 581           | 59.3  | 484           | 49.4  | 6076                | 620 |
|            | 60    |                  | 61.33                    |                | 25                   | 30   | 697           | 71.1  | 581           | 59.3  | 6272                | 640 |

## Dimensions

HIT 220 - H5 ~ 60

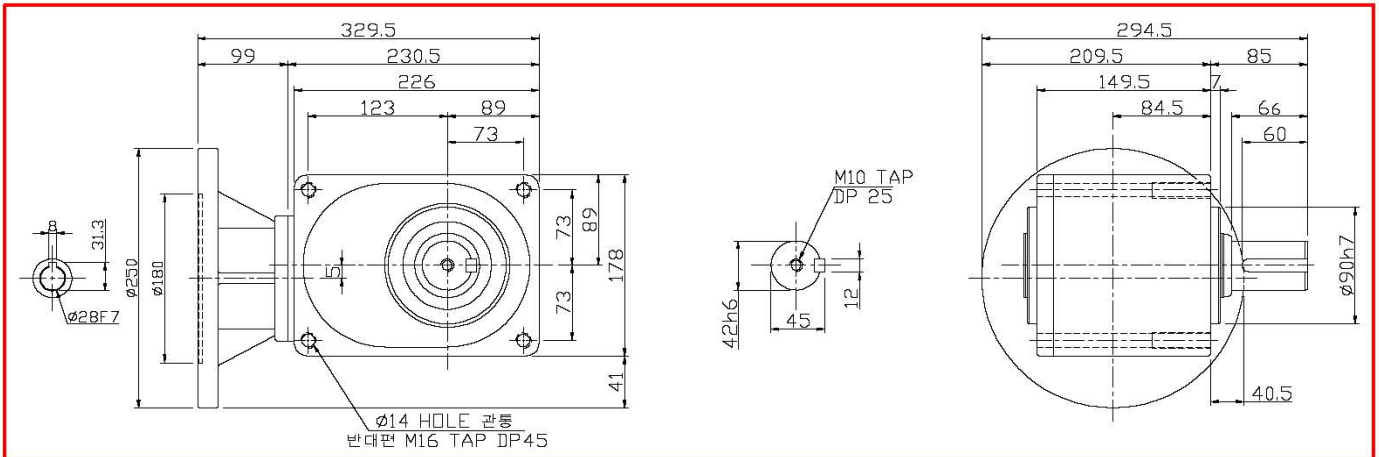


출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/20 ↻ 1/25 ~ 1/60



# Dimensions

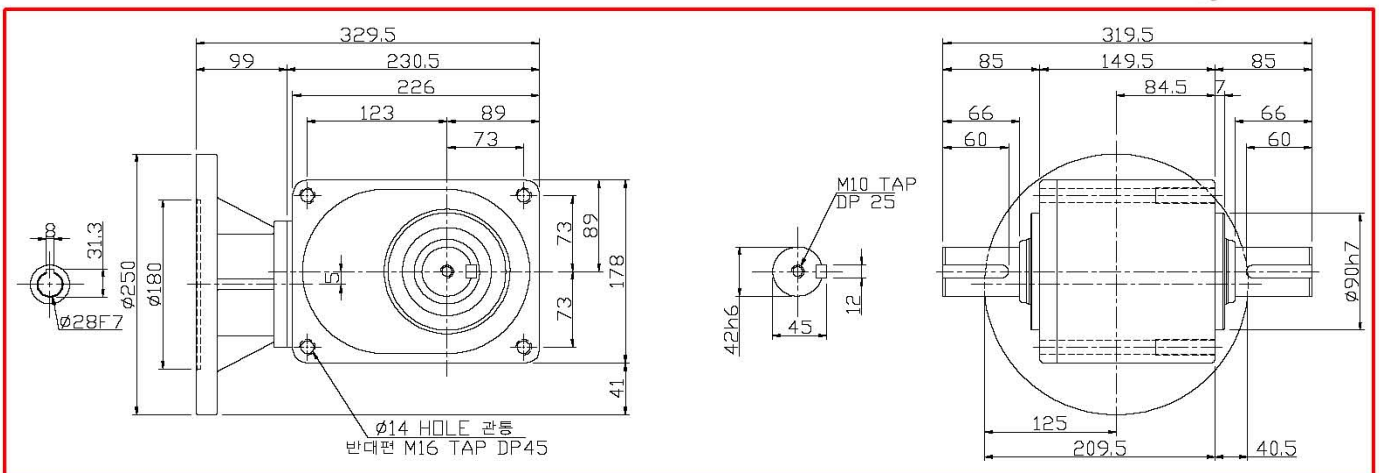
HIT 220 - 5 ~ 60S



출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/20 ↻ 1/25 ~ 1/60

# Dimensions

HIT 220 - 5 ~ 60T



출력축 회전방향(Direction of rotation) ↺ 1/5 ~ 1/20 ↻ 1/25 ~ 1/60



# Model Specification

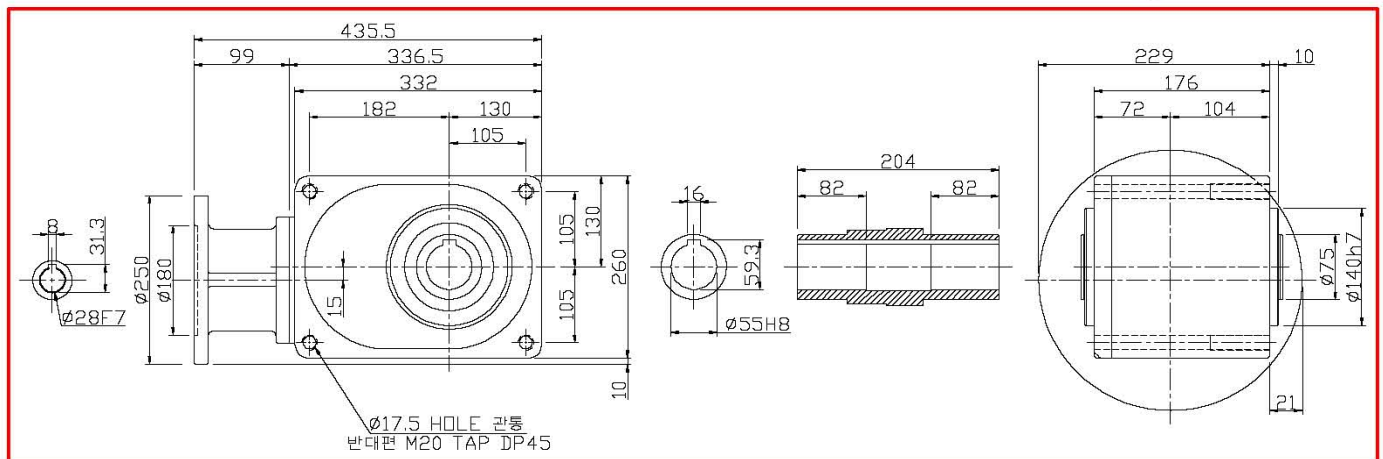
| 모델 형번      |       | 모터<br>용량<br>(kW) | 실비율<br>(Actual<br>ratio) | 감속단<br>(Steps) | 출력축 회전수<br>(rpm/min) |      | 출력 토크         |       |               |       | 출력축 허용하중<br>(O.H.L) |      |
|------------|-------|------------------|--------------------------|----------------|----------------------|------|---------------|-------|---------------|-------|---------------------|------|
|            |       |                  |                          |                |                      |      | 50Hz:1,500rpm |       | 60Hz:1,800rpm |       |                     |      |
| Model      | Ratio |                  |                          |                | 50Hz                 | 60Hz | N.m           | kgf.m | N.m           | kgf.m | N                   | kgf  |
| HIT<br>220 | 80    | 2.2              | 81.77                    | 3              | 18.8                 | 22.5 | 930           | 94.9  | 774           | 79    | 9800                | 1000 |
|            | 100   |                  | 102.22                   |                | 15                   | 18   | *1068         | *109  | 968           | 98.8  | 9800                | 1000 |
|            | 120   |                  | 122.67                   |                | 12.5                 | 15   | *1176         | *120  | *1166         | *119  | 9800                | 1000 |

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( \* For a table model is used to fit the specified torque with torque limiting model.)

## Dimensions

HIT 220 - H80 ~ 120

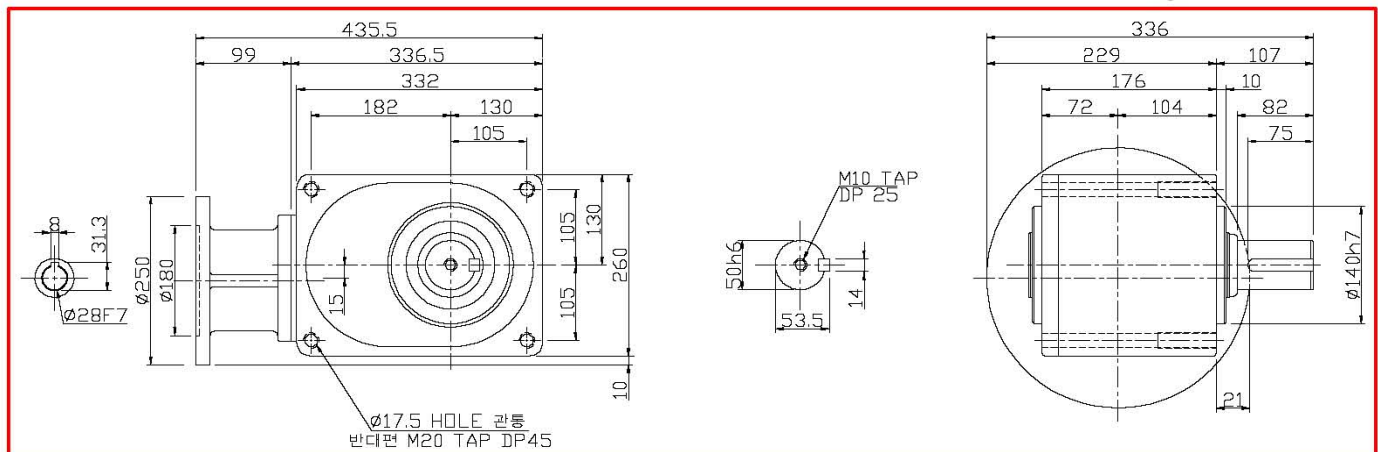


출력축 회전방향(Direction of rotation) ➡ 1/80 ~ 1/120



# Dimensions

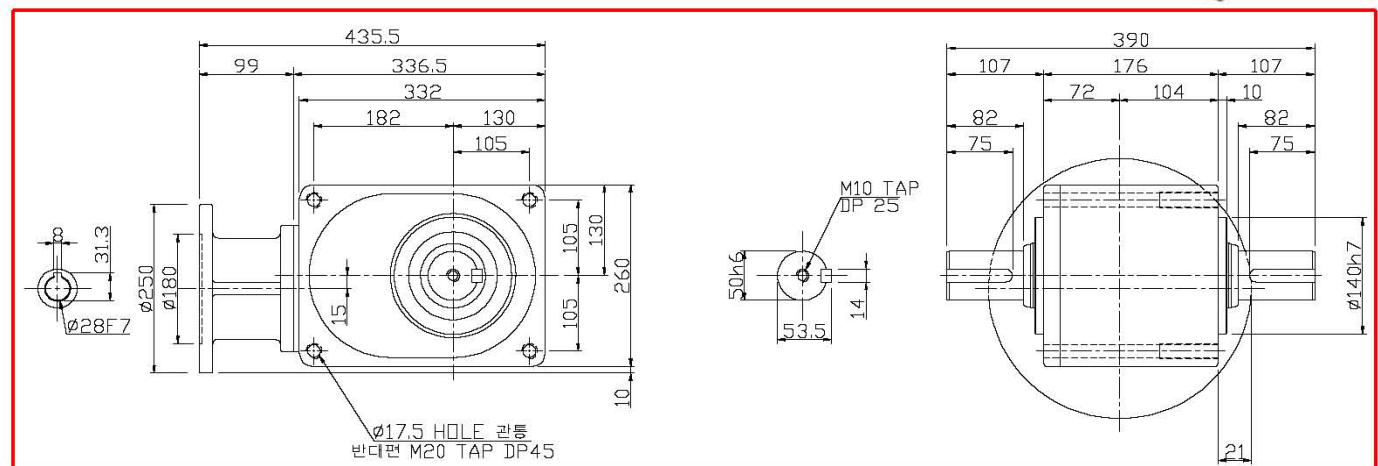
HIT 220 - 80 ~ 120S



출력축 회전방향(Direction of rotation) ➡ 1/80 ~ 1/120

# Dimensions

HIT 220 - 80 ~ 120T



출력축 회전방향(Direction of rotation) ➡ 1/80 ~ 1/120





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● 제품의 성능과 품질 개선을 위하여 사양은 변경될 수 있습니다.

(Specifications for performance and quality improvement of the product are subject to change.)