

# HPS Swing motor for excavator



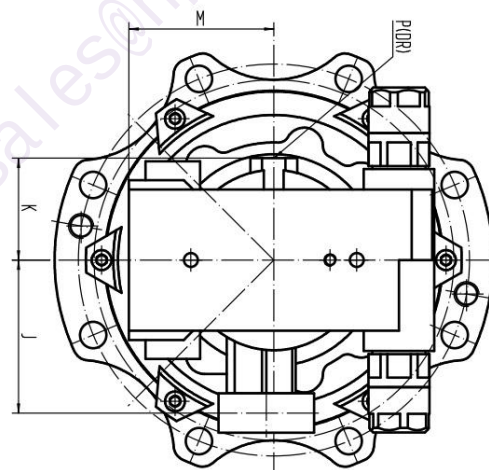
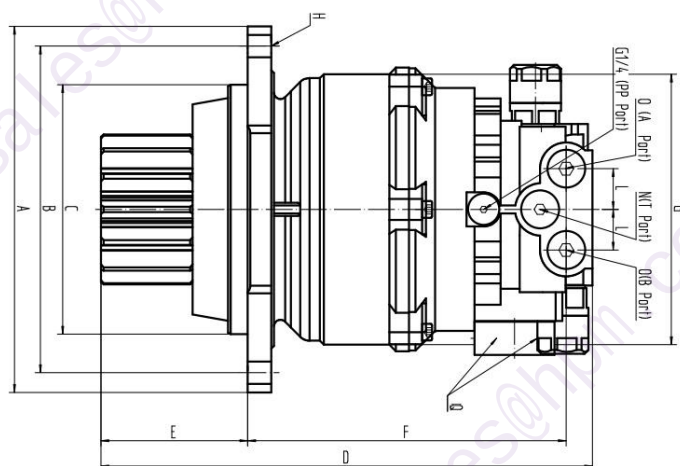
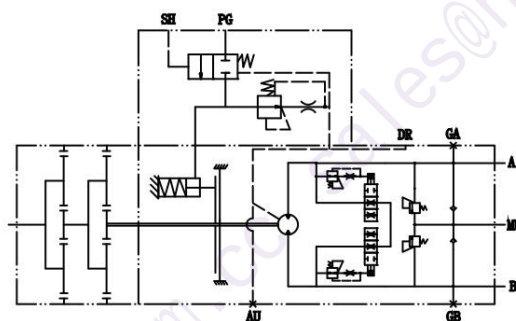
Replace with **Kawasaki M2X63(12-15ton),M5X130(20-22ton),**  
**Nachi PCR-1B-05A,PCR-2B-10A,PCR-3B-12A,PCR-4B-20A,**  
**Eaton JMF029-043(5-7ton).**

## Parameters

| Type                    | HPS1  | HPS2   | HPS3   | HPS4   | HPS5-A   | HPS5-B   | HPS6   | HPS7   |
|-------------------------|-------|--------|--------|--------|----------|----------|--------|--------|
| Displacement (ml/r)     | 23.60 | 12.50  | 20.10  | 33.80  | 33.00    | 46.00    | 64.00  | 129.90 |
| Max. speed (rpm)        | 60    | 90     | 100    | 60     | 87       | 87       | 115    | 80     |
| Torque (N•m)            | 469   | 644    | 1444   | 2700   | 2510     | 3268     | 4972   | 10500  |
| Max.pressure drop (Mpa) | 14.7  | 17.7   | 21.0   | 21.0   | 24.0     | 24.0     | 25.5   | 25.5   |
| Reduction Ratio         | 1/10  | 1/21.5 | 1/21.5 | 1/23.2 | 1/19.464 | 1/19.464 | 1/19.2 | 1/20.1 |
| Applicable to(Ton)      | 2.5   | 3.5    | 5.0    | 6.0    | 6-8      | 6-8      | 12.0   | 20.0   |

## Dimension

| Dimension(mm) |       |                 |            |           |
|---------------|-------|-----------------|------------|-----------|
| Type          | HPS1  | HPS2            | HPS3       | HPS4      |
| A             | 110   | 150             | 175        | 190       |
| B             | 168   | 210             | 220        | 250       |
| C             | 193   | 242             | 248        | 280       |
| D             | 67    | 91.5            | 94         | 113       |
| E             | 264   | 278             | 321        | 376       |
| F             | 90    | 88.5            | 91         | 92.5      |
| G             | 6-φ13 | 6-φ17+<br>1-φ13 | 10-<br>φ17 | 8-<br>φ17 |



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**Eaton JMF029-043(5-7ton).**

## Parameters

| Type                    | HPS1  | HPS2   | HPS3   | HPS4   | HPS5-A   | HPS5-B   | HPS6   | HPS7   |
|-------------------------|-------|--------|--------|--------|----------|----------|--------|--------|
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| Max. speed (rpm)        | 60    | 90     | 100    | 60     | 87       | 87       | 115    | 80     |
| Torque (N•m)            | 469   | 644    | 1444   | 2700   | 2510     | 3268     | 4972   | 10500  |
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| Reduction Ratio         | 1/10  | 1/21.5 | 1/21.5 | 1/23.2 | 1/19.464 | 1/19.464 | 1/19.2 | 1/20.1 |
| Applicable to(Ton)      | 2.5   | 3.5    | 5.0    | 6.0    | 6-8      | 6-8      | 12.0   | 20.0   |

## Dimension

| Dimension(mm) |                 |                 |               |                  |
|---------------|-----------------|-----------------|---------------|------------------|
| Type          | HPS5-A          | HPS5-B          | HPS6          | HPS7             |
| A             | 200             | 200             | 200           | 310              |
| B             | 275             | 275             | 290           | 360              |
| C             | 303             | 303             | 323           | 410              |
| D             | 125.7           | 125.7           | 115           | 162              |
| E             | 532.7           | 532.7           | 608.5         | 799.5            |
| F             | 161             | 161             | 162.5         | 187              |
| G             | 2-φ18<br>+6-φ17 | 2-φ18<br>+6-φ17 | 9-φ18<br>+1-φ | 11-φ<br>22+1-φ24 |

