

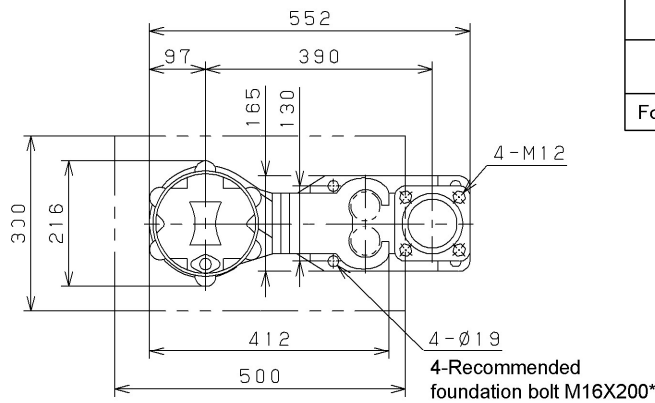
## KAWAMOTO WUO type installation drawing

|            |  |     |  |          |  |
|------------|--|-----|--|----------|--|
| Serial NO. |  | Use |  | Quantity |  |
|------------|--|-----|--|----------|--|

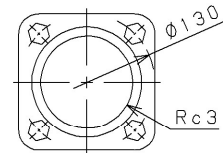
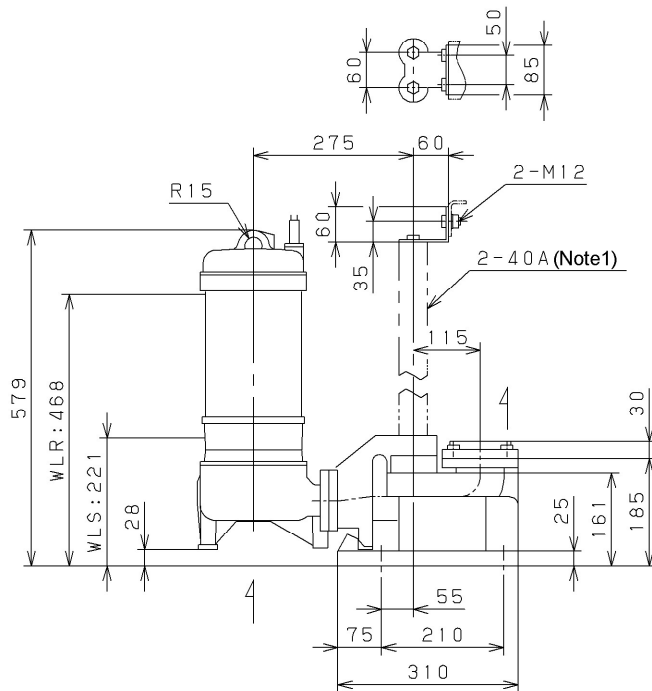
|       |                     |                                                     |
|-------|---------------------|-----------------------------------------------------|
| Model | WUO-655/805-3.7T4-F | Non-automatic type<br>Plastic pedestal support type |
|-------|---------------------|-----------------------------------------------------|

|                |  |                         |  |
|----------------|--|-------------------------|--|
| Variation code |  | Variation code contents |  |
|----------------|--|-------------------------|--|

| Specification |               |                |                   | Motor Specification    |                 | Note / Notices |
|---------------|---------------|----------------|-------------------|------------------------|-----------------|----------------|
| Capacity      | m3/min        | Suction Bore   | - mm              | Output                 | 3.7 kW          |                |
| Total Head    | m             | Discharge Bore | 80 mm             | Poles                  | 2               |                |
| Source        | Phase/Voltage | Three 380 V    | Unit Bore         | - mm                   | Type            |                |
|               | Frequency     | 50 Hz          | Synchronous Speed | 3000 min <sup>-1</sup> | Drysealed motor |                |



| Cable spec       |                              |           |                |            |
|------------------|------------------------------|-----------|----------------|------------|
| Use              | Core size (mm <sup>2</sup> ) | Core q'ty | Outer dia (mm) | Length (m) |
| For power supply | 2                            | 4         | 12             | 10         |



Discharge flange

WLS: Minimum water level for operation  
WLR: Minimum water level for continuous

\*: Foundation bolts are special accessories. Please purchase separately.  
Note1) Guide pipes are not included, please prepare separately.  
Note2) When using the stainless steel pipes on guide pipes, please use schedule 40.

|                                   |         |
|-----------------------------------|---------|
| Unit : mm<br>Mass excludes cables |         |
| Pump Mass                         | 24.5 kg |
| Total Mass                        | 29.5 kg |

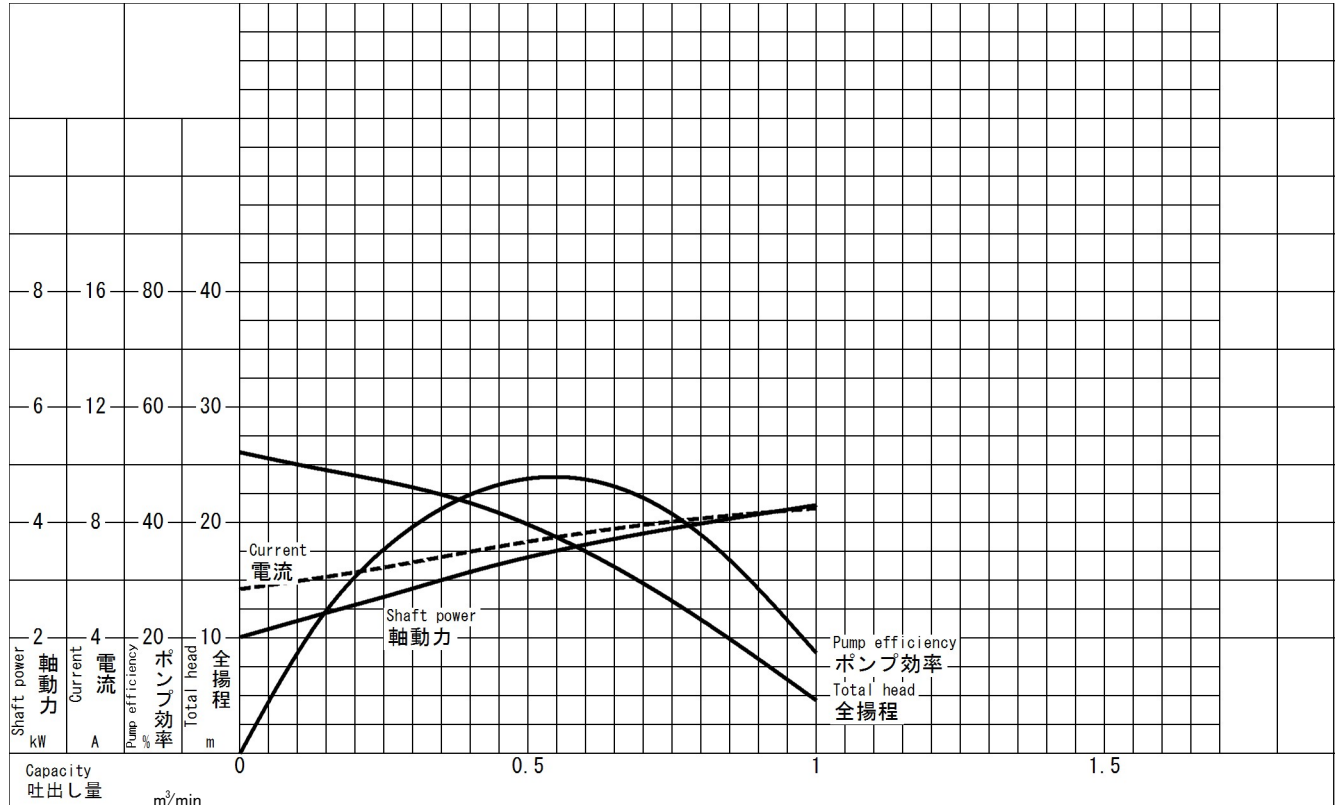
# ポンプ標準試験成績表

Note  
備考:

Model  
形式: WU0-655/805-3. 7T4-F

|                       |              |                     |               |                     |                                  |                |                           |                           |
|-----------------------|--------------|---------------------|---------------|---------------------|----------------------------------|----------------|---------------------------|---------------------------|
| Rating<br>規定要目        | Bore<br>口 径  | Capacity<br>吐 出 し 量 |               | Total head<br>全 揚 程 | Synchronous speed<br>同 期 回 転 速 度 |                | Motor output<br>電 動 機 出 力 |                           |
|                       | 80<br>mm     | m <sup>3</sup> /min |               | m                   | 3000<br>min <sup>-1</sup>        |                | 3.7<br>kW                 |                           |
| Motor<br>試験電動機<br>要 目 | Model<br>形 式 |                     | Output<br>出 力 | Frequency<br>周 波 数  | Voltage<br>電 圧                   | Current<br>電 流 | Poles<br>極 数              | Revolution<br>回 転 速 度     |
|                       | TFS2914FW    |                     | 3.7<br>kW     | 50<br>Hz            | 380<br>V                         | 9.3<br>A       | 2<br>極                    | 2860<br>min <sup>-1</sup> |

| Item<br>計 測 項 目                        | 1                     | 2     | 3     | 4     | 5     | 6     |
|----------------------------------------|-----------------------|-------|-------|-------|-------|-------|
| Capacity<br>吐出量<br>m <sup>3</sup> /min | 0                     | 0.125 | 0.25  | 0.4   | 0.8   | 1     |
| Total head<br>全揚程<br>m                 | 26.1                  | 24.8  | 23.6  | 21.7  | 11.6  | 4.6   |
| Water H.P.<br>理論動力<br>kW               | 0                     | 0.505 | 0.962 | 1.415 | 1.513 | 0.75  |
| Motor<br>電動機                           | Voltage<br>電圧<br>V    | 380   | 380   | 380   | 380   | 380   |
|                                        | Current<br>電流<br>A    | 5.70  | 6.05  | 6.45  | 7.00  | 8.15  |
|                                        | Input<br>入力<br>kW     | 2.4   | 2.8   | 3.2   | 3.7   | 4.7   |
|                                        | Efficiency<br>効率<br>% | 84    | 84.6  | 84.9  | 85.1  | 84.8  |
| Shaft power<br>軸動力<br>kW               | 2.016                 | 2.37  | 2.716 | 3.15  | 3.987 | 4.306 |
| Pump efficiency<br>ポンプ効率<br>%          | 0                     | 21.3  | 35.4  | 44.9  | 37.9  | 17.4  |



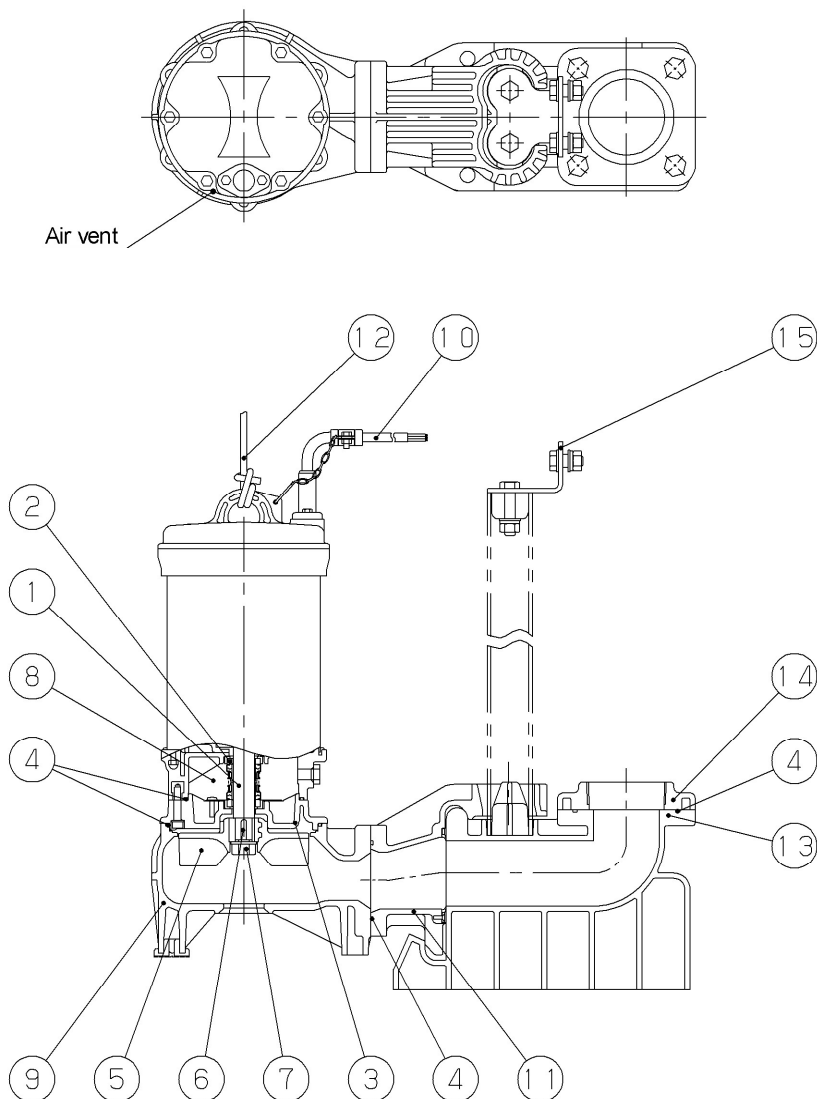
KAWAMOTO PUMP MFG.CO.,LTD.

77ZA-166368 (120-0, 2)  
U6106605000 (3-00-2-0)

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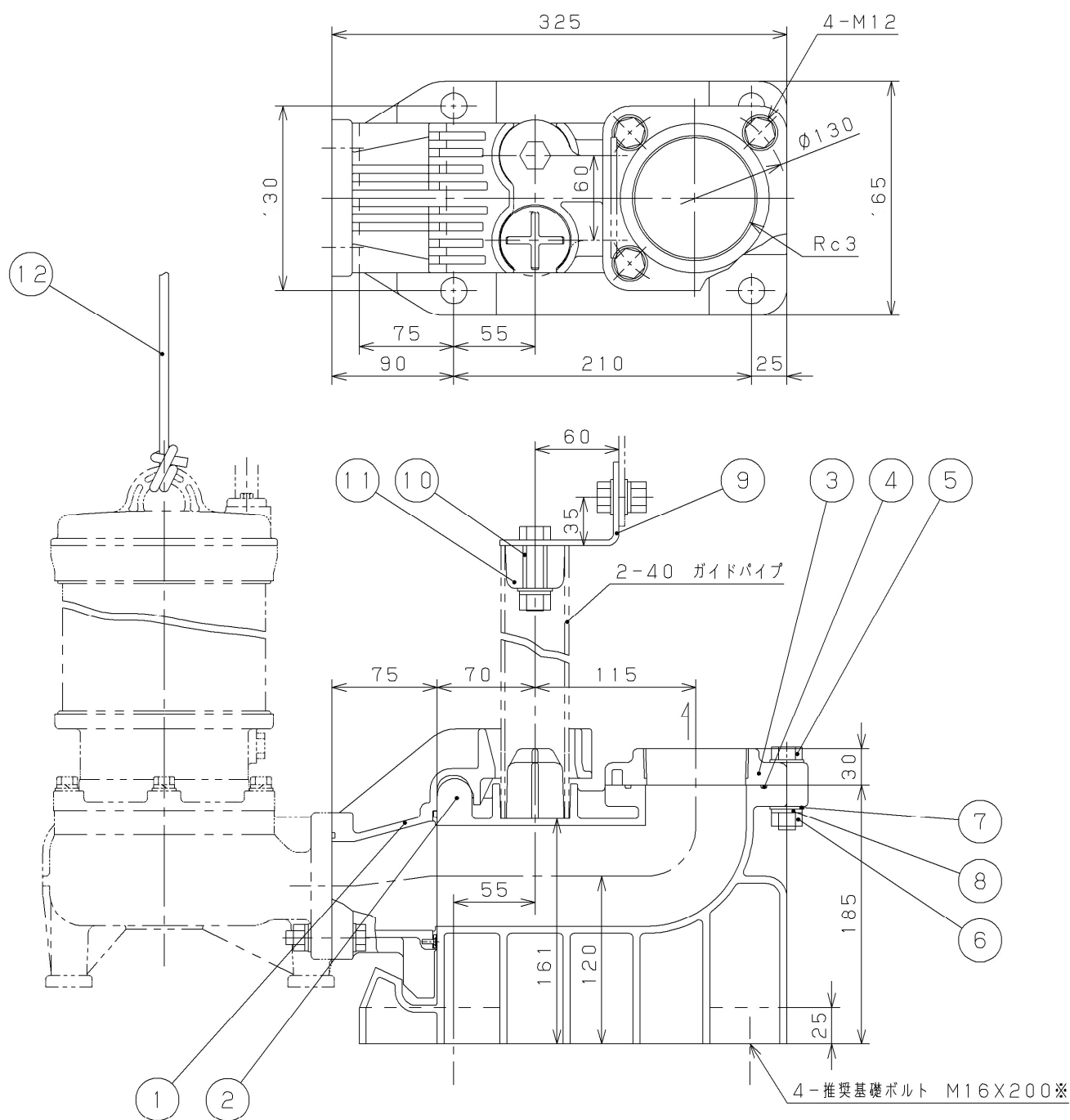
# KAWAMOTO WUO type structural drawing

|                |                     |                                   |
|----------------|---------------------|-----------------------------------|
| Model          | WUO-655/805-3.7T4-F | Vortex type<br>Reinforced plastic |
| Variation code |                     | Variation code contents           |



| No | Name                    | Material                                          | Remark | No | Name                      | Material                     | Remark |
|----|-------------------------|---------------------------------------------------|--------|----|---------------------------|------------------------------|--------|
| 1  | Submersible motor shaft | Stainless use steel(SUS304)                       |        | 9  | Casing                    | Resin                        |        |
| 2  | Mechanical seal         | Motor side: CeramicXCarbon<br>Wetted side SiCXSIC |        | 10 | Cable                     | Cabtire cable(VCT)           |        |
| 3  | Casing cover            | Resin(PA)                                         |        | 11 | Connecting straight Pipe  | Resin(PP)                    |        |
| 4  | O-ring                  | Rubber(NBR)                                       |        | 12 | Rope                      | Resin(PP)                    |        |
| 5  | Impeller                | Resin(PA)                                         |        | 13 | Connecting tube with base | Resin(PP)                    |        |
| 6  | Key                     | Stainless use steel(SUS403)                       |        | 14 | Square flange             | Resin(PVC)                   |        |
| 7  | Nut                     | Stainless use steel(SUS304)                       |        | 15 | Supporter                 | Stainless use steel( SUS304) |        |
| 8  | Turbine oil             | -                                                 |        |    |                           |                              |        |

## Installation and Structural Drawing KAWAMOTO Model : UJP UJP-80-7K形 着脱装置 据付・構造図



unit : mm

| No. | Name                     | Material | Note | No. | Name            | Material | Note |
|-----|--------------------------|----------|------|-----|-----------------|----------|------|
| 1   | Sliding bracket          | PP       |      | 7   | Plain washer    | SUS304   |      |
| 2   | Quick discharge coupling | PP       |      | 8   | Spring washer   | SUS304   |      |
| 3   | Square flange            | PVC      |      | 9   | Support         | SUS304   |      |
| 4   | O ring                   | NBR      |      | 10  | Connecting pipe | SUS304   |      |
| 5   | Bolt                     | SUS304   |      | 11  | Cushion         | NBR      |      |
| 6   | Nut                      | SUS304   |      | 12  | Rope            | Vinyl    | 10m  |

\* Foundation bolts are not standard accessory. Please prepare it at site.