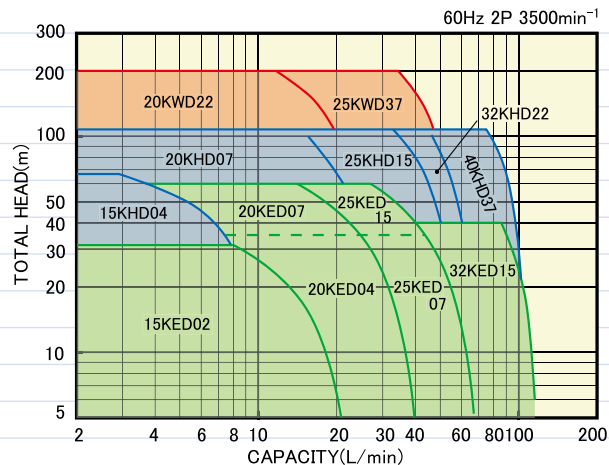
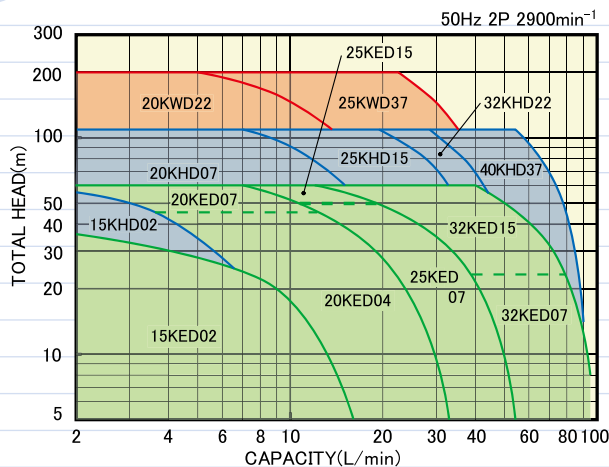


**KED** 標準/ーV  
(0.6MPa)  
**CAC製渦流ポンプ**  
Cast bronze turbine pump

**KHD** 標準/ーV  
(1.1MPa) **KWD** 標準/ーV  
(2.0MPa)



予想曲線 / Pump Supposition Curve.



用途 / Applications

- 一般産業用 / General industrial applications.
- 冷温水循環用 / Cold & hot water circulation.
- 各種機械取付用 / Major components for various machineries.

特徴 / Characteristics.

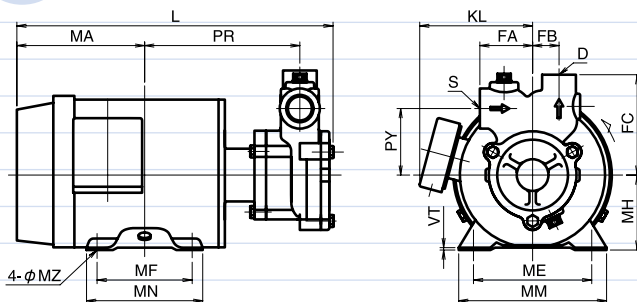
- 信頼性の向上により装置の価値を高めます。  
Improved reliability enhances the value of devices.
- 小流量域で安定性能。  
Contributes to smaller footprint of devices.
- 人と環境に優しい鉛レス銅合金を接液部に採用。  
鉛の溶出量を0.005mg/l未満。(基準値0.01mg/L)  
Major pump components made of Lead-free copper, which is friendly both to people and to environment.  
Copper dissolution to water > 0.005mg/L (standard value 0.01mg/L)

標準仕様 / Specifications

|  |   |   |                         |
|--|---|---|-------------------------|
| シリーズ名 Series name                          | KED 標準/ーV   | KHD 標準/ーV   | KWD 標準/ーV <sup>*2</sup> |
| 全揚程 Total Head                             | Max. 60m  | Max. 110m   | Max. 200m               |
| 流量 Flow rate                               | Max. 110L/min   | Max. 110L/min   | Max. 50L/min            |
| 液温 Liquid temperature                      | ~120℃ (Standard) · ~150℃ (-V)   |   |                         |
| Material                                   | 本体・カバー Casing/cover   | CAC911  |                         |
|  | 羽根車 Impeller  | SUS403  |                         |
|  | メカシール Mechanical seal   | Ceramic × Carbon × NBR (Standard)<br>SiC × Carbon × FKM (-V)  |                         |
|  | O-リング O-ring  | NBR (Standard) · FKM (-V)   |                         |
| Motor                                      | シャフト Shaft  | SUS316L   |                         |
|  | 単相防滴屋内(S) Single Phase drip-proof protection  | 50/60Hz 100/110/115/200/220/230V<br>0.3~0.56kW<br>IP22 · Insu.class:E · PSE                                     |                         |
|  | 三定格 三相全閉外扇屋内(Z)*1 Three voltages, Three Phase totally-enclosed fan cooled, indoor use | 50Hz 200V 60Hz 200/220V<br>0.31~3.7kW<br>IP44 · Insu.class:EorF · PSE   |                         |
|  | 多電圧 三相全閉外扇屋内(ZM) Multi voltages, Three Phase totally-enclosed fan cooled, indoor use  | 50Hz 200/380/400/415V<br>60Hz 200/220/380/400/440/460V<br>0.31~0.56kW<br>IP44 · Insu.class:E · PSE · UL · (CCC) |                         |
| 三相安全増防爆屋内(A) 3 Phase Increase safety (eG3) | 50Hz 200V 60Hz 200/220V<br>0.3~3.7kW<br>IP44 · Insu.class:E or F · PSE 安検(日本)         |   |                         |

\*1 0.75kW以上はIE3高効率対応となります。  
High efficiency IE3 motor is applied for motors more than 0.75kW.  
\*2 KWD型のモータは三定格 三相全閉外扇屋内 (Z) のみのご対応となっております。  
Motor for KWD is only available for three phase totally-enclosed fan cooled

外形図 / Dimensions



寸法表 / Dimension table

(unit: mm,kg)

| model    | kW    | S       | D     | PR    | PY | FA | FB | FC  | MH | L     | MA    | ME  | MF  | MM  | MN  | MZ    | VT  | KL  | weight |
|----------|-------|---------|-------|-------|----|----|----|-----|----|-------|-------|-----|-----|-----|-----|-------|-----|-----|--------|
| 15KED02Z | 0.31  | Rc1/2   | Rc3/8 | 146   | 52 | 45 | 21 | 81  | 71 | 298   | 121   | 112 | 90  | 140 | 110 | 7×8   | 2.3 | 107 | 9.5    |
| 15KED04Z | 0.56  | Rc1/2   | Rc3/8 | 146   | 52 | 45 | 21 | 81  | 71 | 298   | 121   | 112 | 90  | 140 | 110 | 7×8   | 2.3 | 107 | 9.5    |
| 20KED04Z | 0.56  | Rc3/4   | Rc1/2 | 146.5 | 63 | 50 | 25 | 95  | 71 | 299.5 | 121   | 112 | 90  | 140 | 110 | 7×8   | 2.3 | 107 | 12     |
| 20KED07Z | 0.975 | Rc3/4   | Rc1/2 | 140   | 63 | 50 | 25 | 95  | 80 | 320   | 148   | 125 | 100 | 165 | 130 | 10×8  | 4.5 | 146 | 18     |
| 25KED07Z | 0.975 | Rc1     | Rc3/4 | 140   | 70 | 60 | 28 | 105 | 80 | 326.5 | 148   | 125 | 100 | 165 | 130 | 10×8  | 4.5 | 146 | 22     |
| 25KED15Z | 1.95  | Rc1     | Rc3/4 | 163   | 70 | 60 | 28 | 105 | 90 | 356   | 154.5 | 140 | 125 | 176 | 149 | 10×12 | 10  | 156 | 26     |
| 32KED15Z | 1.95  | Rc1 1/4 | Rc1   | 167.5 | 80 | 65 | 35 | 120 | 90 | 366   | 154.5 | 140 | 125 | 176 | 149 | 10×12 | 10  | 156 | 27     |

※詳細はwww.nikuni.co.jpで参照下さい Please refer www.nikuni.co.jp for the details.