

**FUKUTA®**  
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Poland

# INDUCTION MOTOR

輕量型感應電動機

AM系列【IE3】



台灣精品



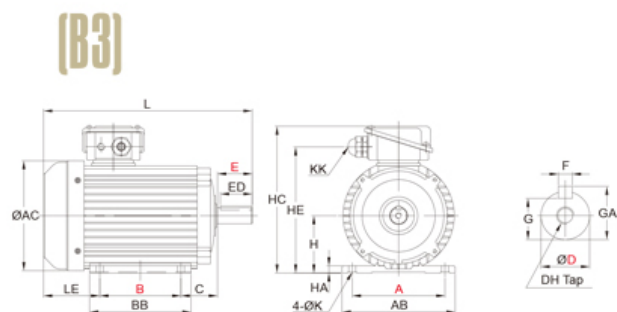
# AM系列(臥式)

AMEK  
IE3

2P

Fukuta Standard Induction Motor, Aluminum Frame.

[ FUKUTA 輕量型感應電動機 ]



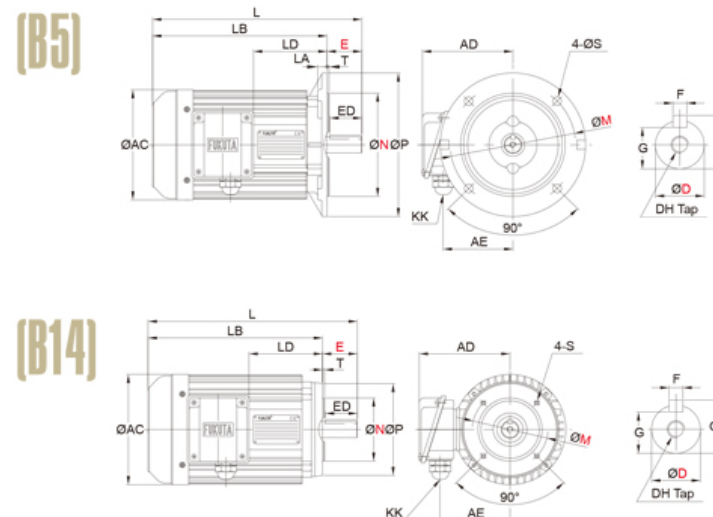
# AM系列(立式)

AMVK  
IE3

2P

Fukuta Standard Induction Motor, Aluminum Frame.

[ FUKUTA 輕量型感應電動機 ]



| Specifications 規格 |           | B3 Dimensions 尺寸 |     |     |     |     |      |       |      |       |       |    |      |       |       | Shaft 出力軸 尺寸 |    |    |    |          |      |        |           | Wt.<br>重量    |    |
|-------------------|-----------|------------------|-----|-----|-----|-----|------|-------|------|-------|-------|----|------|-------|-------|--------------|----|----|----|----------|------|--------|-----------|--------------|----|
| Output (HP)       | Frame No. | A                | AB  | AC  | B   | BB  | C    | H     | HA   | HC    | HE    | K  | KK   | L     | LE    | Shaft End    |    |    |    | Bearings |      |        |           | Foot mounted |    |
| 2P                |           |                  |     |     |     |     |      |       |      |       |       |    |      |       |       | D            | E  | ED | F  | G        | GA   | DH     | Load Side | Opposite     |    |
| 1                 | 80        | 125              | 155 | 156 | 100 | 130 | 49.5 | 80.0  | 9.0  | 212   | 179.5 | 10 | MG20 | 274.5 | 85.0  | 19           | 40 | 35 | 6  | 15.5     | 21.5 | M6*16  | 6204ZLU   | 6203ZLU      | 13 |
| 2 + 3             | 90L       | 140              | 170 | 175 | 125 | 150 | 56   | 90.0  | 11.0 | 232.5 | 199.5 | 10 | MG20 | 322.0 | 91.0  | 24           | 50 | 45 | 8  | 20.0     | 27.0 | M8*19  | 6205ZLU   | 6204ZLU      | 20 |
| 5                 | 112M      | 190              | 224 | 219 | 140 | 175 | 70   | 112.0 | 14.0 | 280   | 245   | 12 | PG21 | 391.0 | 121.0 | 28           | 60 | 55 | 8  | 24.0     | 31.0 | M10*22 | 6306ZLU   | 6305ZLU      | 38 |
| 7.5,10            | 132S      | 216              | 250 | 268 | 140 | 180 | 89   | 132.0 | 16.0 | 332.0 | 290   | 13 | Ø35  | 449.0 | 140.0 | 38           | 80 | 75 | 10 | 33.0     | 41.0 | M12*28 | 6308ZLU   | 6306ZLU      | 50 |

\* Remark: 1.Tolerance of Shaft End Diameter "D": Ø11~Ø28: j6 Ø38~Ø48: k6 Ø55~Ø75:m6 2.Tolerance of Shaft Center Height "H": +0~-0.5  
3.Tolerance of Guidance Diameter "N": h7

| Shaft 出力軸 尺寸 |    |    |    |      |      |        |           |          | B5/B14 Flange 尺寸 |       |       |       |       |       | B5 Flange 尺寸 |     |     |     |    |     | B14 Flange 尺寸 |     |     |        |     | Wt.<br>重量 |                 |
|--------------|----|----|----|------|------|--------|-----------|----------|------------------|-------|-------|-------|-------|-------|--------------|-----|-----|-----|----|-----|---------------|-----|-----|--------|-----|-----------|-----------------|
| Shaft End    |    |    |    |      |      |        |           | Bearings |                  |       |       |       |       |       |              |     |     |     |    |     |               |     |     |        |     |           | Foot<br>mounted |
| D            | E  | ED | F  | G    | GA   | DH     | Load Side | Opposite | AC               | AD    | AE    | L     | LB    | LD    | LA           | M   | N   | P   | S  | T   | M             | N   | P   | S      | T   |           |                 |
| 19           | 40 | 35 | 6  | 15.5 | 21.5 | M6*16  | 6204ZLU   | 6203ZLU  | 156              | 132   | 99.0  | 274.5 | 234.5 | 86.0  | 12           | 165 | 130 | 200 | 12 | 3.5 | 100           | 80  | 120 | M6*11  | 3.0 | 13        |                 |
| 24           | 50 | 45 | 8  | 20.0 | 27.0 | M8*19  | 6205ZLU   | 6204ZLU  | 175              | 142.5 | 109.5 | 322.0 | 272.0 | 118.5 | 12           | 165 | 130 | 200 | 12 | 3.5 | 115           | 95  | 140 | M8*15  | 3.5 | 20        |                 |
| 28           | 60 | 55 | 8  | 24.0 | 31.0 | M10*22 | 6306ZLU   | 6305ZLU  | 219              | 173   | 133.0 | 391.0 | 331.0 | 142.0 | 16           | 215 | 180 | 250 | 15 | 4.0 | 130           | 110 | 160 | M8*15  | 3.5 | 38        |                 |
| 38           | 80 | 75 | 10 | 33.0 | 41.0 | M12*28 | 6308ZLU   | 6306ZLU  | 268              | 201.0 | 158.5 | 449.0 | 369.0 | 137.0 | 19           | 265 | 230 | 300 | 15 | 4.0 | 165           | 130 | 202 | M10*20 | 4.0 | 53        |                 |

\* Remark: 1.Tolerance of Shaft End Diameter "D": Ø11~Ø28: j6 Ø38~Ø48: k6 Ø55~Ø75:m6 2.Tolerance of Shaft Center Height "H": +0~-0.5  
3.Tolerance of Guidance Diameter "N": h7

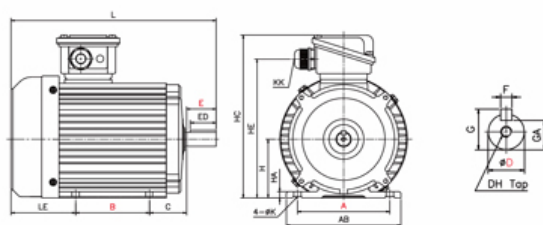
## AM系列(臥式)

AMEK  
IE3

4P 6P

Fukuta Standard Induction Motor, Aluminum Frame.  
[ FUKUTA 輕量型感應電動機 ]

(B3)



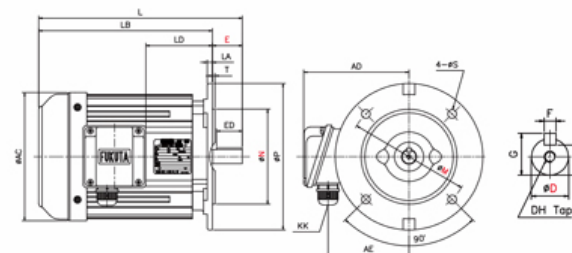
## AM系列(立式)

AMEK  
IE3

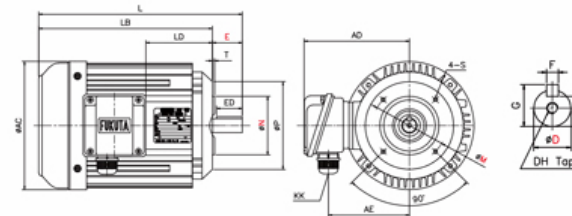
4P 6P

Fukuta Standard Induction Motor, Aluminum Frame.  
[ FUKUTA 輕量型感應電動機 ]

(B5)



(B14)



| Specifications 規格 |    |              | B3 Dimensions 尺寸 |     |     |     |    |     |      |           |          |    |      |       | Shaft 出力軸 尺寸 |           |    |    |    |          |      |        | Wt.<br>重量 |                 |    |
|-------------------|----|--------------|------------------|-----|-----|-----|----|-----|------|-----------|----------|----|------|-------|--------------|-----------|----|----|----|----------|------|--------|-----------|-----------------|----|
| Output (HP)       |    | Frame<br>No. | A                | AB  | AC  | B   | C  | H   | HA   | HC        | HE       | K  | KK   | L     | LE           | Shaft End |    |    |    | Bearings |      |        |           | Foot<br>mounted |    |
| 4P                | 6P |              | D                | E   | ED  | F   | G  | GA  | DH   | Load Side | Opposite |    |      |       |              |           |    |    |    |          |      |        |           |                 |    |
| 1                 |    | 80           | 125              | 155 | 175 | 100 | 50 | 80  | 8.5  | 222.5     | 189.5    | 10 | MG20 | 277.5 | 87.5         | 19        | 40 | 35 | 6  | 21.5     | 15.5 | M6*16  | 6204ZLU   | 6203ZLU         | 15 |
| 2                 | 1  | 90L          | 140              | 180 | 196 | 125 | 56 | 90  | 12   | 250       | 210      | 10 | PG21 | 325   | 94           | 24        | 50 | 45 | 8  | 27       | 20   | M8*19  | 6205ZLU   | 6204ZLU         | 23 |
| 3                 | 2  | 100L         | 160              | 196 | 219 | 140 | 63 | 100 | 12.5 | 273       | 233      | 12 | PG21 | 371   | 108          | 28        | 60 | 55 | 8  | 31       | 24   | M10*22 | 6206ZLU   | 6205ZLU         | 28 |
| 5                 | 3  | 112M         | 190              | 224 | 234 | 140 | 70 | 112 | 14   | 290.4     | 251      | 12 | PG21 | 390   | 120          | 28        | 60 | 55 | 8  | 31       | 24   | M10*22 | 6306ZLU   | 6305ZLU         | 35 |
| 7.5               | 5  | 132S         | 216              | 250 | 268 | 140 | 89 | 132 | 16   | 332       | 290      | 13 | Ø35  | 449   | 140          | 38        | 80 | 75 | 10 | 41       | 33   | M12*28 | 6308ZLU   | 6306ZLU         | 57 |

\* Remark: 1.Tolerance of Shaft End Diameter "D": Ø11~Ø28: j6 Ø38~Ø48: k6 Ø55~Ø75:m6 2.Tolerance of Shaft Center Height "H": +0~-0.5  
3.Tolerance of Guidance Diameter "N": h7

| Shaft 出力軸 尺寸 |    |    |    |      |      |          |           |          | B5/B14 Flange 尺寸 |       |       |       |     |       |    | B5 Flange 尺寸 |     |     |    |     |     |     | B14 Flange 尺寸 |        |     |    |  | Wt.<br>重量       |
|--------------|----|----|----|------|------|----------|-----------|----------|------------------|-------|-------|-------|-----|-------|----|--------------|-----|-----|----|-----|-----|-----|---------------|--------|-----|----|--|-----------------|
| Shaft End    |    |    |    |      |      | Bearings |           |          |                  |       |       |       |     |       |    |              |     |     |    |     |     |     |               |        |     |    |  | Foot<br>mounted |
| D            | E  | ED | F  | G    | GA   | DH       | Load Side | Opposite | AC               | AD    | AE    | L     | LB  | LD    | LA | M            | N   | P   | S  | T   | M   | N   | P             | S      | T   |    |  |                 |
| 19           | 40 | 35 | 6  | 21.5 | 15.5 | M6*16    | 6204ZLU   | 6203ZLU  | 175              | 142.5 | 109.5 | 275.5 | 235 | 90    | 12 | 165          | 130 | 200 | 12 | 3.5 | 100 | 80  | 120           | M6*11  | 3   | 16 |  |                 |
| 24           | 50 | 45 | 8  | 27   | 20   | M8*19    | 6205ZLU   | 6204ZLU  | 196              | 160   | 120   | 364   | 314 | 140.5 | 11 | 165          | 130 | 200 | 12 | 3.5 | 115 | 95  | 140           | M8*15  | 3.5 | 26 |  |                 |
| 28           | 60 | 55 | 8  | 31   | 24   | M10*22   | 6206ZLU   | 6205ZLU  | 219              | 173   | 133   | 374   | 314 | 142   | 16 | 215          | 180 | 250 | 15 | 3.5 | 130 | 110 | 190           | M8*15  | 3.5 | 35 |  |                 |
| 28           | 60 | 55 | 8  | 31   | 24   | M10*22   | 6306ZLU   | 6305ZLU  | 234              | 178   | 139   | 428   | 368 | 182   | 15 | 215          | 180 | 250 | 15 | 4   | 130 | 110 | 200           | M8*15  | 4   | 43 |  |                 |
| 38           | 80 | 75 | 10 | 41   | 33   | M12*28   | 6308ZLU   | 6306ZLU  | 268              | 201   | 158.5 | 449   | 369 | 137   | 19 | 265          | 230 | 300 | 15 | 4   | 165 | 130 | 202           | M10*20 | 4   | 62 |  |                 |

\* Remark: 1.Tolerance of Shaft End Diameter "D": Ø11~Ø28: j6 Ø38~Ø48: k6 Ø55~Ø75:m6 2.Tolerance of Shaft Center Height "H": +0~-0.5  
3.Tolerance of Guidance Diameter "N": h7



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## INDUCTION MOTOR

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