

|                        |            |
|------------------------|------------|
| MODELO                 | 512A       |
| Ø VEIO SAÍDA           | 30 mm      |
| RÁCIO APROXIMADO       | 45         |
| RÁCIO EXATO            | 44.23      |
| VELOCIDADE SAÍDA       | 32 RPM     |
| VELOCIDADE SAÍDA EXATA | 33 RPM     |
| POTÊNCIA ENTRADA       | 0.55 KW    |
| ROTAÇÃO ENTRADA        | 1400 RPM   |
| PAM ENTRADA            | 80B14      |
| TORQUE SAÍDA           | 159.29 N.m |
| TORQUE NOMINAL         | 250.00 N.m |
| POTÊNCIA NOMINAL       | 0.86 KW    |
| FATOR SERVIÇO          | 1.56       |
| EFICIÊNCIA DINÂMICA    | 0.96       |

QUANTIDADE DE ÓLEO (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.7   | 0.8   | 1.15  | 1.2   | 1.15  | 1.25  |

CARGAS RADIAIS E AXIAIS



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 300           | 460    | 2300   |
| 200           | 520    | 2600   |
| 120           | 620    | 3100   |
| 15            | 1000   | 5000   |

|                                         |             |                |
|-----------------------------------------|-------------|----------------|
| <b>Gearbox weight</b><br>peso riduttore | With flange | <b>11.7 kg</b> |
|                                         | With feet   | <b>11.9 Kg</b> |



| Feet Code | Market reference | G  | H   | R       | L     | S   | H1  | O  | øI | S2 only with motor flange | B5 max. Flange | kit code   |
|-----------|------------------|----|-----|---------|-------|-----|-----|----|----|---------------------------|----------------|------------|
| B3        | 312/3            | 18 | 110 | 160     | 130   | 190 | 211 | 20 | 11 | 10 100/112B5<br>35 132B5  | -              | KC50.9.024 |
| B4        | 30/35            | 20 | 130 | 180     | 149.5 | 216 | 231 | 18 | 14 | 15 132B5                  | -              | KC60.9.024 |
| S4        | 47-57            | 30 | 115 | 135     | 165   | 170 | 216 | 25 | 14 | 5 100/112B5<br>30 132B5   | -              | KC50.9.022 |
| H3        | 023-233          | 30 | 130 | 135     | 135   | 185 | 231 | 25 | 14 | 15 132B5                  | -              | KC50.9.025 |
| M2        | 52/3             | 30 | 110 | 135+150 | 100   | 190 | 211 | 18 | 11 | 10 100/112B5<br>35 132B5  | -              | KC50.9.023 |

 Most popular types  
Tipi più diffusi

Technical drawing of the output shaft assembly. The drawing includes a front view on the left, a side view on the right, and a detailed view of the shaft-hub connection labeled 'Detail Y'.

**Dimensions:**

- Front View:**
  - Overall width: 8.5 with KC50.9.011
  - Hub width: 2.5
  - Shaft diameter:  $d1$
  - Hub height:  $h1$
  - Reference axes:  $p1$  (vertical) and  $x$  (horizontal).
- Side View:**
  - Overall length: 51.5 with KC50.9.011
  - Shaft diameter:  $d1$
  - Hub diameter:  $\varnothing 53$
  - Hub width: 96
  - Reference axes:  $a1$  (total length),  $b1$  (distance to hub),  $f1$  (flange thickness), and  $c1$  (distance to end face).
  - End face diameter: 57.5
- Detail Y:**
  - Shows the shaft-hub connection with a key.
  - Key width:  $f7$
  - Key height:  $f1$

|                           | Shaft - d1 | p1 | h1 | x      |
|---------------------------|------------|----|----|--------|
| Standard                  | ø 30x60    | 8  | 33 | M10x22 |
| On request<br>A richiesta | ø 24x50    | 8  | 27 | M8x19  |
|                           | ø 25x50    | 8  | 28 | M8x19  |
|                           | ø 28x60    | 8  | 31 | M8x19  |
|                           | ø 35x60    | 10 | 38 | M10x22 |

| a1 ø | b1  | c1   | e1  | f1  | s1 | kit code   |
|------|-----|------|-----|-----|----|------------|
| 160  | 110 | 14   | 130 | 3.5 | 11 | KC50.9.011 |
| 200  | 130 | 13   | 165 | 3.5 | 11 | KC50.9.012 |
| 250  | 180 | 15.5 | 215 | 4   | 14 | KC50.9.013 |

With flange and feet only on request.  
Ask for compatibility

**R512A-N...** Input Shaft  
Albero in entrata



**5-16**