

Technical Data Sheet  
Gearbox  
INLINE GEARBOX



|                    |        |     |
|--------------------|--------|-----|
| MODEL              | 511A   |     |
| Ø OUTPUT SHAFT     | 28     | mm  |
| APPROXIMATE RATIO  | 5.5    |     |
| EXACT RATIO        | 5.27   |     |
| OUTPUT SPEED       | 265    | RPM |
| EXACT OUTPUT SPEED | 277    | RPM |
| INPUT POWER        | 2.20   | KW  |
| INPUT ROTATION     | 1400   | RPM |
| INPUT PAM          | 100B14 |     |
| OUTPUT TORQUE      | 72.76  | N.m |
| NOMINAL TORQUE     | 110.00 | N.m |
| NOMINAL POWER      | 3.1    | KW  |
| SERVICE FACTOR     | 1.41   |     |
| DYNAMIC EFFICIENCY | 0.92   |     |

#### Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.29  | 0.29  | 0.29  | 0.29  | 0.29  | 0.29  |

#### Radial and Axial Loads

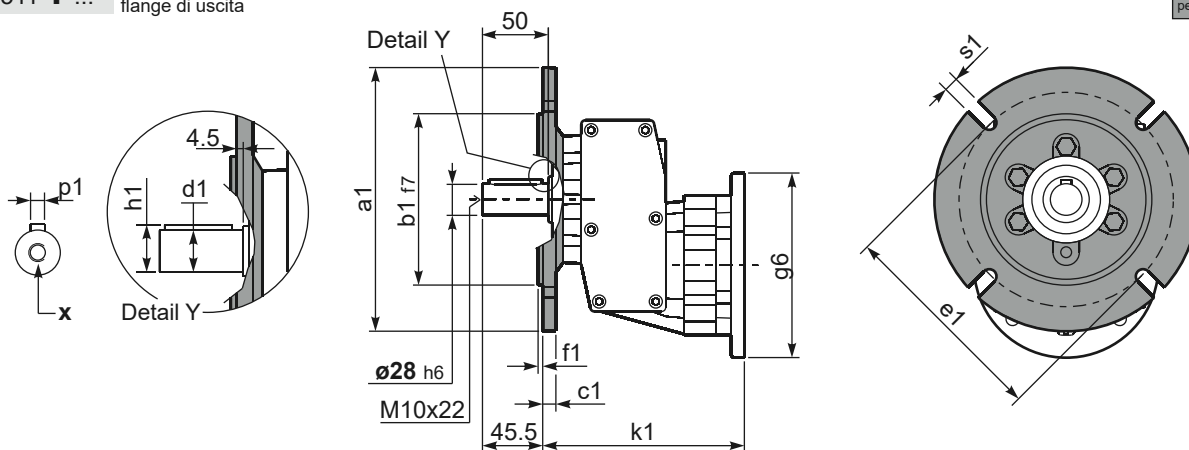


| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 700           | 294    | 1470   |
| 400           | 370    | 1850   |
| 200           | 460    | 2300   |
| 140           | 510    | 2550   |

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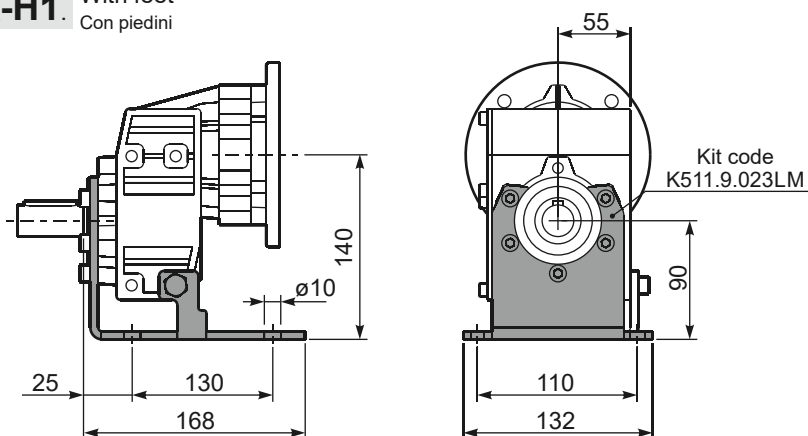
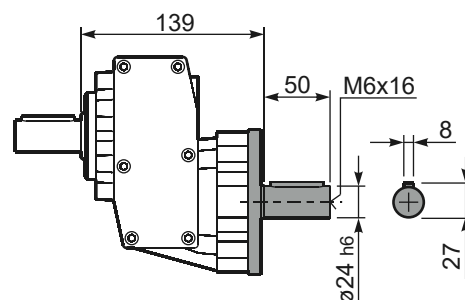
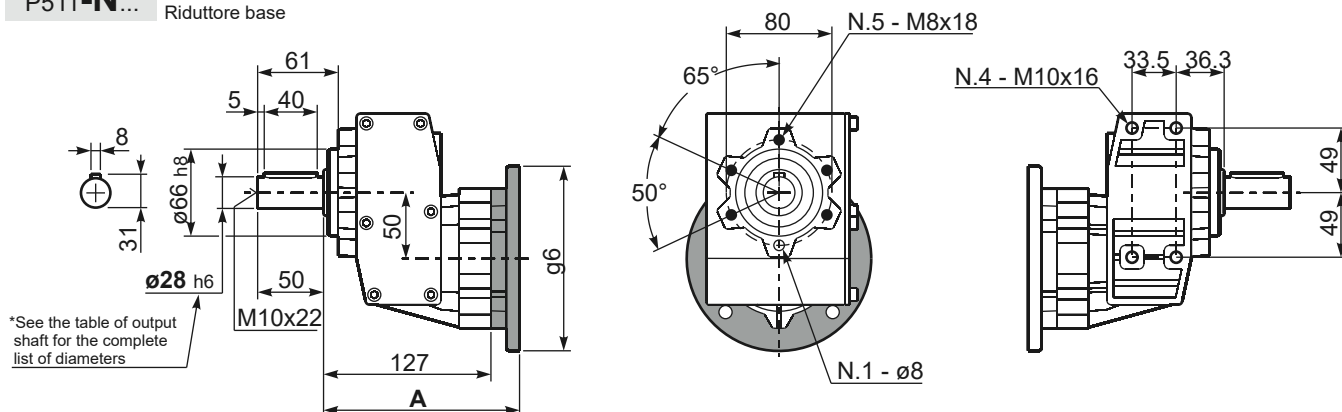
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**P511-F...**Output flanges  
flange di uscitaGearbox  
weight  
peso riduttore**5.00 kg****\*Available output shaft / Albero di uscita**

|                           | Shaft - d1 | p1 | h1 | x      |
|---------------------------|------------|----|----|--------|
| Standard                  | ø 28x50    | 8  | 31 | M10x22 |
| On request<br>A richiesta | ø 24x50    | 8  | 27 | M8x19  |

**Available output flanges / flange di uscita**

| a1 ø | b1  | c1   | e1  | f1  | s1 | kit code   |
|------|-----|------|-----|-----|----|------------|
| 120  | 80  | 10   | 100 | 3   | 7  | KC40.9.010 |
| 140  | 95  | 10   | 115 | 3   | 9  | KC40.9.011 |
| 160  | 110 | 10   | 130 | 3.5 | 9  | KC40.9.012 |
| 200  | 130 | 11   | 165 | 3.5 | 11 | KC40.9.013 |
| 250  | 180 | 11.5 | 215 | 3.5 | 14 | KC40.9.014 |

**P511A-H1.**With feet  
Con piedini**R511A-N...**Input Shaft  
Albero in entrata**P511-N...**Basic gearbox  
Riduttore base

| B5 Motor Flanges | A     | g6  | k1  | kit code   |
|------------------|-------|-----|-----|------------|
| 71 B5            | 145.5 | 160 | 150 | K023.4.041 |
| 80/90 B5         | 147.5 | 200 | 152 | K023.4.042 |
| 100/112 B5       | 156.5 | 250 | 161 | K023.4.043 |
| 132 B5           | 174.5 | 300 | 179 | KC50.4.043 |

| B14 Motor Flanges | A     | g6  | k1  | kit code   |
|-------------------|-------|-----|-----|------------|
| 80 B14            | 147.5 | 120 | 152 | K085.4.046 |
| 90 B14            | 147.5 | 140 | 152 | K085.4.045 |
| 100/112 B14       | 156.5 | 160 | 161 | K085.4.047 |
| 132 B14           | 174.5 | 200 | 179 | KC50.4.041 |