

|                    |       |     |
|--------------------|-------|-----|
| MODEL              | 411A  |     |
| Ø OUTPUT SHAFT     | 19    | mm  |
| APPROXIMATE RATIO  | 3.5   |     |
| EXACT RATIO        | 3.29  |     |
| OUTPUT SPEED       | 417   | RPM |
| EXACT OUTPUT SPEED | 444   | RPM |
| INPUT POWER        | 1.50  | KW  |
| INPUT ROTATION     | 1400  | RPM |
| INPUT PAM          | 90B5  |     |
| OUTPUT TORQUE      | 30.97 | N.m |
| NOMINAL TORQUE     | 38.00 | N.m |
| NOMINAL POWER      | 1.7   | KW  |
| SERVICE FACTOR     | 1.13  |     |
| DYNAMIC EFFICIENCY | 0.92  |     |

#### Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |

#### Radial and Axial Loads



| $n_2$ [min-1] | $F_A$ [N] | $F_R$ [N] |
|---------------|-----------|-----------|
| 700           | 182       | 910       |
| 400           | 230       | 1150      |
| 200           | 290       | 1450      |
| 140           | 320       | 1600      |

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**P411-F...** Output flange  
flange di uscita

Gearbox weight  
peso riduttore **3.20 kg**



**\*Available output shaft / Alberi di uscita**

|                           | Shaft - d1         | p1     | h1       | x              |
|---------------------------|--------------------|--------|----------|----------------|
| Standard                  | ∅ 19x40            | 6      | 21.5     | M6x16          |
| On request<br>A richiesta | ∅ 14x30<br>∅ 24x40 | 5<br>8 | 16<br>27 | M5x13<br>M6x16 |

**Available output flanges / flange di uscita**

| a1 ∅ | b1  | c1   | e1  | f1  | s1 | kit code   |
|------|-----|------|-----|-----|----|------------|
| 120  | 80  | 11.5 | 100 | 3   | 9* | KC30.9.010 |
| 140  | 95  | 11.5 | 115 | 3   | 9  | KC30.9.011 |
| 160  | 110 | 11.5 | 130 | 3.5 | 9  | KC30.9.012 |
| 200  | 130 | 11.5 | 165 | 3.5 | 11 | KC30.9.013 |

\*Holes position  
posizione fori

**P411-H1...** With feet  
Con piedini



**R411-N...** Input Shaft  
Albero in entrata



**P411-N...** Basic gearbox  
Riduttore base



| B5 Motor Flanges | A     | g6  | k1  | kit code   |
|------------------|-------|-----|-----|------------|
| 63 B5            | 121.5 | 140 | 125 | K063.4.041 |
| 71 B5            | 119.5 | 160 | 123 | K063.4.042 |
| 80/90 B5         | 121.5 | 200 | 125 | K063.4.043 |

| B14 Motor Flanges | A     | g6  | k1  | kit code   |
|-------------------|-------|-----|-----|------------|
| 71 B14            | 119.5 | 105 | 123 | K063.4.047 |
| 80 B14            | 121.5 | 120 | 125 | K063.4.046 |
| 90 B14            | 121.5 | 140 | 125 | K063.4.041 |