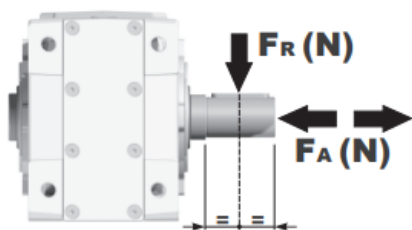


|                    |       |     |
|--------------------|-------|-----|
| MODEL              | X225  |     |
| Ø OUTPUT SHAFT     | 20    | mm  |
| APPROXIMATE RATIO  | 22    |     |
| EXACT RATIO        | 21.93 |     |
| OUTPUT SPEED       | 66    | RPM |
| EXACT OUTPUT SPEED | 67    | RPM |
| INPUT POWER        | 0.12  | KW  |
| INPUT ROTATION     | 1400  | RPM |
| INPUT PAM          | 63B14 |     |
| OUTPUT TORQUE      | 17.23 | N.m |
| NOMINAL TORQUE     | 50.00 | N.m |
| NOMINAL POWER      | 0.35  | KW  |
| SERVICE FACTOR     | 2.92  |     |
| DYNAMIC EFFICIENCY | 0.96  |     |

#### Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.25  | 0.25  | 0.25  | 0.25  | 0.43  | 0.31  |

#### Radial and Axial Loads



| $n_2$ [min-1] | $F_A$ [N] | $F_R$ [N] |
|---------------|-----------|-----------|
| 400           | 360       | 1800      |
| 150           | 420       | 2100      |
| 75            | 440       | 2200      |
| 25            | 440       | 2200      |

Universal Motors S.A.  
Rua Comendador Brandão, 484  
4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
TEL.: 252 299 080

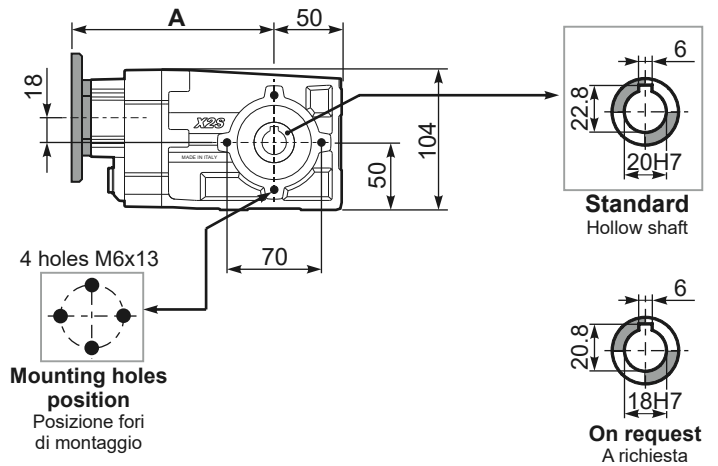
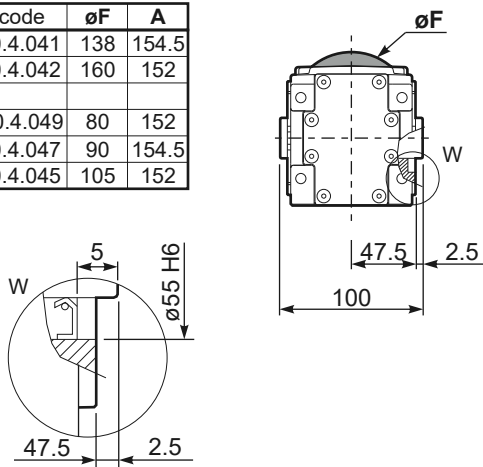
Universal Motors UK, Ltd  
Unit E2, Meltham Mills Road  
West Yorkshire HD9 4AR  
[enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)  
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TEL.: 918 864 213

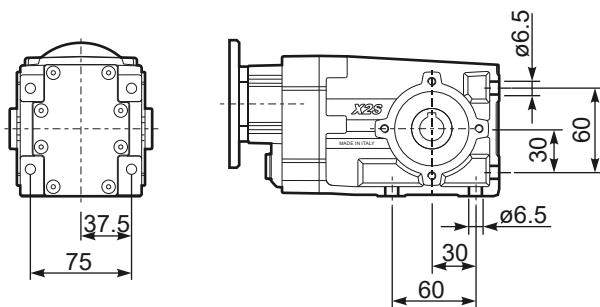
|                   |                                 |
|-------------------|---------------------------------|
| <b>P</b> X22SC... | Basic Gearbox<br>Riduttore base |
|-------------------|---------------------------------|

|                                         |                |
|-----------------------------------------|----------------|
| <b>Gearbox weight</b><br>peso riduttore | <b>3.70 kg</b> |
|-----------------------------------------|----------------|

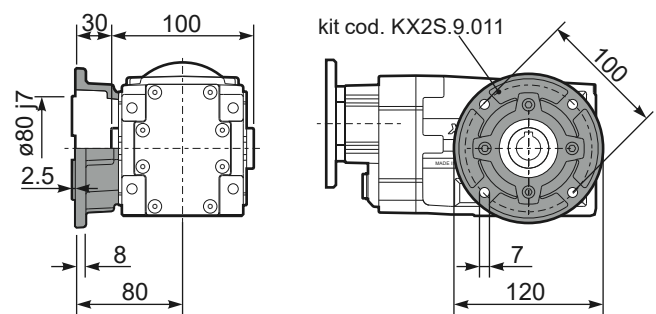
| M. flanges   | Kit code   | $\varnothing F$ | A     |
|--------------|------------|-----------------|-------|
| <b>63B5</b>  | K050.4.041 | 138             | 154.5 |
| <b>71B5</b>  | K050.4.042 | 160             | 152   |
|              |            |                 |       |
| <b>56B14</b> | KC40.4.049 | 80              | 152   |
| <b>63B14</b> | K050.4.047 | 90              | 154.5 |
| <b>71B14</b> | K050.4.045 | 105             | 152   |



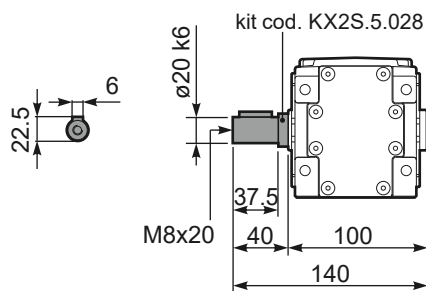
PX22S...**FB**.. Feet  
Piedini



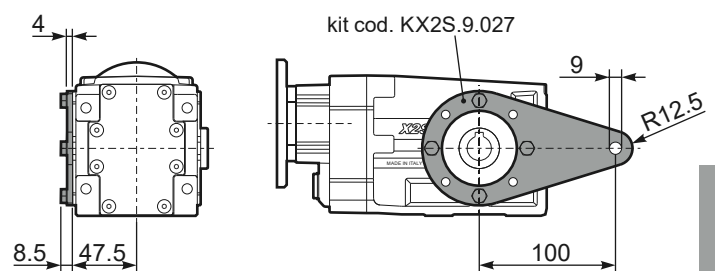
PX22S...-F1.. Output flange  
Flangia uscita



**PX22SA..** Single output shaft  
Albero semplice in uscita



|                       |                                     |
|-----------------------|-------------------------------------|
| PX22S... <b>BR</b> .. | Reaction Arm<br>Braccio di reazione |
|-----------------------|-------------------------------------|



|                 |                                  |
|-----------------|----------------------------------|
| <b>R</b> X22S.. | Input shaft<br>Albero in entrata |
|-----------------|----------------------------------|

