




































## Tabella Comparazione VSF

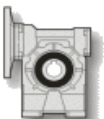
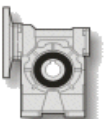
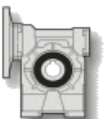
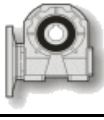
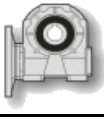
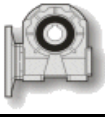



| Tipo            | Comparazione                               | Pag. | TRAMEC  |   |   | Concorrenza  |   |  |  |  |   |   |
|-----------------|--|------|---|---|---|--|---|--|--|--|---|---|
| Tondi           | TRAMEC<br>fra Serie                        | 2    | TRAMEC<br>BFK<br>30÷75<br>   | TRAMEC<br>SFK<br>30÷75<br> | TRAMEC<br>KC<br>30÷130<br> |  |   |  |  |  |   |   |
|                 | SPAGGIARI                                  | 8    |   |   |   | TRAMEC<br>KC<br>30÷130<br>    | SPAGGIARI<br>SW<br>030÷105<br>     |  |  |  |   |   |
|                 | SITI                                       | 13   |   |   |   | TRAMEC<br>SFK<br>30÷75<br>    | TRAMEC<br>KC<br>30÷130<br>           | SITI<br>MI<br>25÷175<br>    |  |  |   |   |
|                 | STM  | 20   |   |   |   | TRAMEC<br>SFK<br>30÷75<br>    | TRAMEC<br>KC<br>30÷130<br>           | STM<br>RMI<br>28÷180<br>    |  |  |   |   |
|                 | VARVEL                                     | 27   | TRAMEC<br>BFK<br>30÷75<br>   | TRAMEC<br>SFK<br>30÷75<br> | TRAMEC<br>KC<br>30÷130<br> |  |   |  | VARVEL<br>FRS<br>28÷150<br> |  |   |   |
|                 | BONFIGLIOLI<br><i>Vecchia</i><br>Serie MVF | 34   | TRAMEC<br>BFK<br>30÷75<br> |   |   |  | TRAMEC<br>KC<br>30÷130<br>         |  |  |  | BONFIGLIOLI<br>MVF<br>27÷250<br>         |   |
| Tondi<br>Quadri | BONFIGLIOLI<br>Serie VF, W                 | 39   | TRAMEC<br>BFK<br>30÷75<br> |   |   |  | TRAMEC<br>KC<br>30÷130<br>         | TRAMEC<br>XC<br>30÷130<br> |  |  |   |   |
|                 | CHIARAVALLI                                | 48   | TRAMEC<br>BFK<br>30÷75<br> |   |   |  | TRAMEC<br>XC<br>30÷130<br>        |  |  |  | BONFIGLIOLI<br>VF<br>27÷49 / 130÷250<br> | BONFIGLIOLI<br>W<br>63÷110<br> |
| Quadri          | MOTOVARIO<br>SITI<br>STM<br>VARVEL         | 55   |   |   |   | TRAMEC<br>XC<br>30÷130<br> | MOTOVARIO<br>NMRV<br>025÷150<br> | SITI<br>MU<br>40÷110<br>  | STM<br>UMI<br>40÷90<br>   | VARVEL<br>FRT<br>28÷110<br> | CHIARAVALLI<br>CH<br>03÷05<br>           | CHIARAVALLI<br>CH<br>06÷08<br> |

# Comparazione VSF "Tondi"

## TRAMEC

|   |   |   |
|---|---|---|
| <b>TRAMEC</b>   | <b>TRAMEC</b>   | <b>TRAMEC</b>   |
| <b>BFK</b>  | <b>SFK</b>  | <b>KC</b>   |
| <b>30÷75</b>  | <b>30÷75</b>  | <b>30÷130</b>   |
|  |  |  |

### Tabella ORIENTAMENTO Piedi

|   |   |   |
|---|---|---|
|  |  |  |
| <b>A</b>  | <b>A</b>  | <b>A</b>  |
|   |   | <b>A1</b>   |
|   |   | <b>A2</b>   |
|  |  |  |
| <b>B</b>  | <b>B</b>  | <b>B</b>  |
|   |   | <b>B1</b>   |
|   |   | <b>B2</b>   |
|  |  |  |
| <b>V</b>  | <b>V</b>  | <b>V</b>  |
|   |   | <b>V1</b>   |
|   |   | <b>V2</b>   |



**Attenzione!!!**

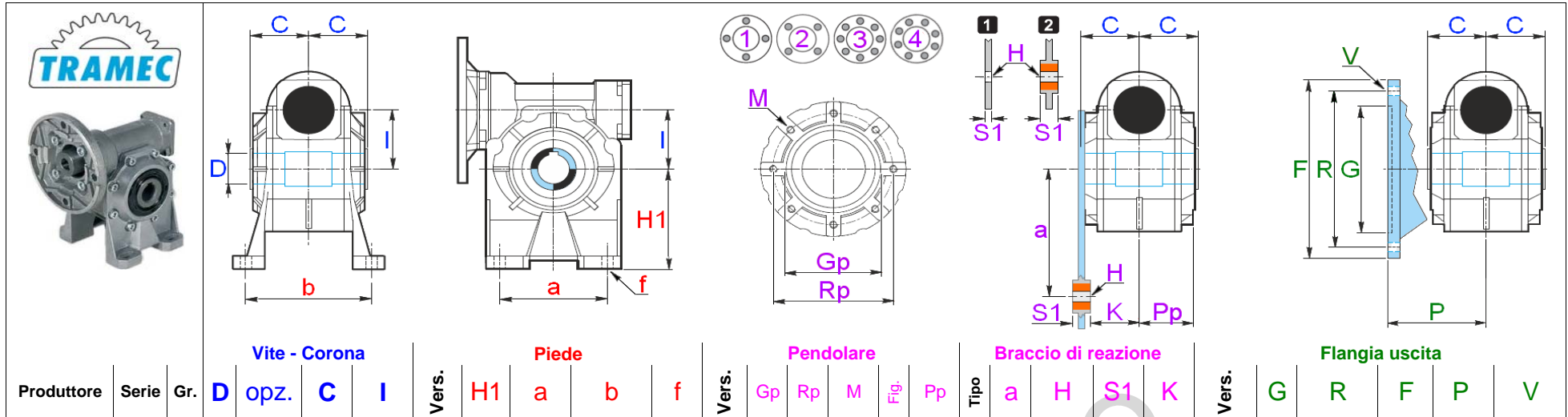
La differenza fra le Serie BFK, SFK e KC è la **Quota "C"** ad ottenere la migliore intercambiabilità:

|  |            |                  |                          |                  |
|--|------------|------------------|--------------------------|------------------|
| Differenza<br><b>Quota "C"</b><br>(larghezza Corona) | <b>BFK</b> | 30 <b>C=27,5</b> | <b>BONFIGLIOLI</b>       | 30 <b>C=27,5</b> |
|  |            | 40 <b>C=32</b>   |                          | 44 <b>C=32</b>   |
|  |            | 50 <b>C=41</b>   |                          | 49 <b>C=41</b>   |
|  | <b>SFK</b> | 30 <b>C=31,5</b> | <b>SITI, STM, VARVEL</b> | 30 <b>C=30</b>   |
|  |            | 40 <b>C=41</b>   |                          | 40 <b>C=41</b>   |
|  |            | 50 <b>C=49</b>   |                          | 50 <b>C=49</b>   |
|  | <b>KC</b>  | 30 <b>C=31,5</b> | <b>SPAGGIARI</b>         | 30 <b>C=31,5</b> |
|  |            | 40 <b>C=39</b>   |                          | 40 <b>C=39</b>   |
|  |            | 50 <b>C=46</b>   |                          | 50 <b>C=46</b>   |

**SFK 63 = BFK 63:** sono esattamente UGUALI differiscono solo per le Vers. PENDOLARI.

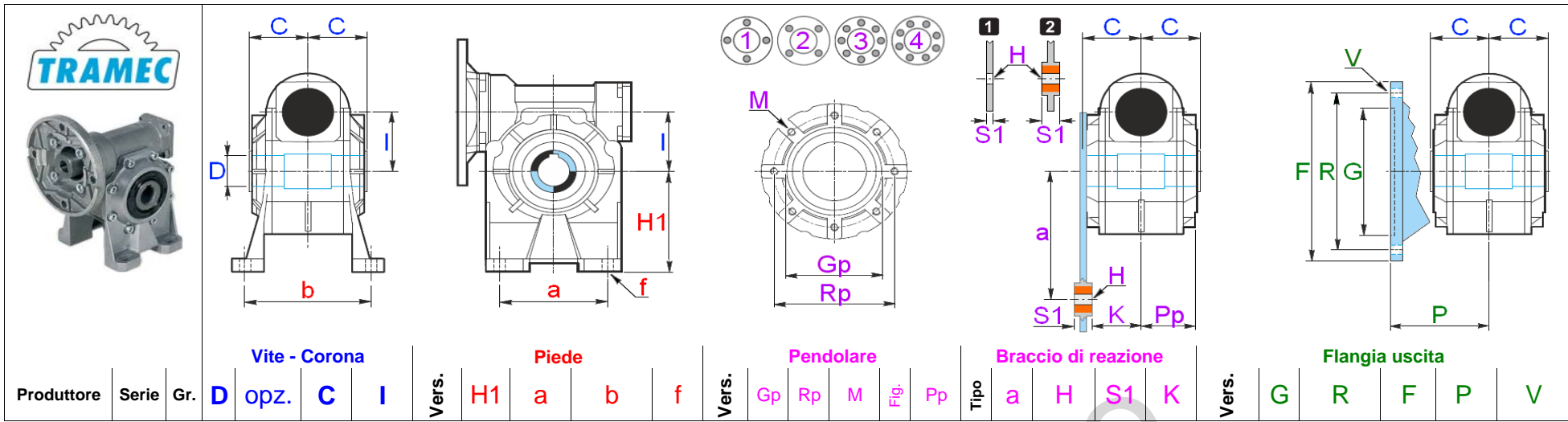
**SFK 75 = BFK 75:** sono esattamente UGUALI differiscono solo per le Vers. PENDOLARI.

**SFK 40 Vers. F1 e F2:** le Flange F1 e F2 sono Modulari ma applicate su un coperchio speciale.

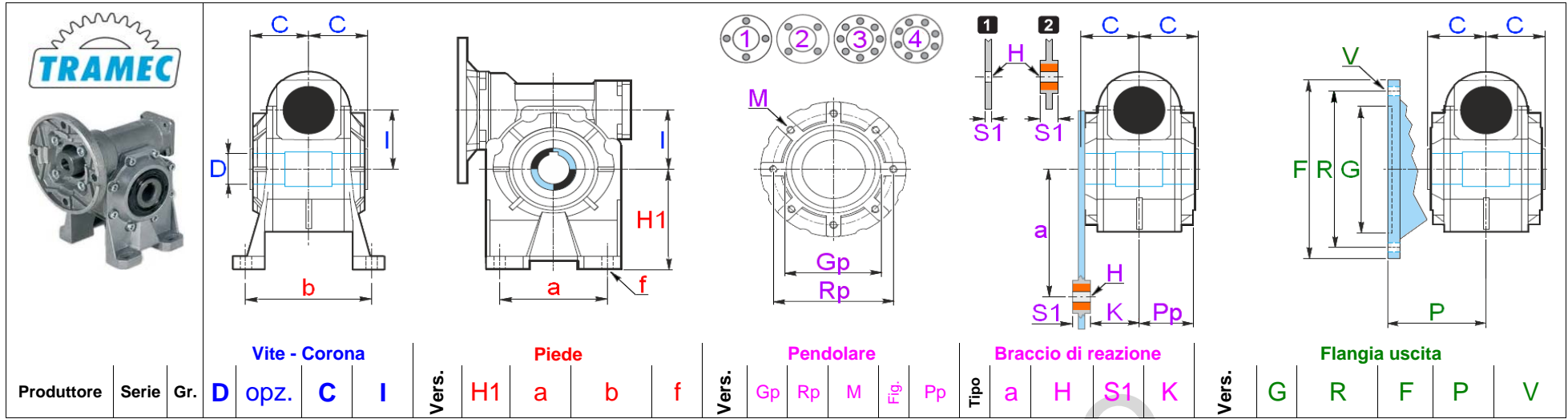


|        |     |    |    |   |      |      |    |    |       |    |     |    |    |       |    |     |    |    |     |    |    |      |   |    |       |     |      |        |    |    |     |      |        |
|--------|-----|----|----|---|------|------|----|----|-------|----|-----|----|----|-------|----|-----|----|----|-----|----|----|------|---|----|-------|-----|------|--------|----|----|-----|------|--------|
| TRAMEC | BFK | 30 | 14 | - | 27,5 | 31,5 | A  | 55 | 40÷52 | 66 | 6,5 | P  | 50 | 65    | M6 | 1   | 30 | 2  | 100 | 8  | 15 | 24,5 | F | 50 | 68    | Ø82 | 50,5 | 6 x4   |    |    |     |      |        |
| TRAMEC | SFK | 30 | 14 | - | 31,5 | 31,5 | A  | 52 | 40÷52 | 66 | 6,5 | P  | 42 | 56    | M6 | 1   | 36 | 1  | 70  | 9  | 4  | 36   | F | 40 | 56÷60 | Ø71 | 50,5 | 6,5 x4 |    |    |     |      |        |
| TRAMEC | KC  | 30 | 14 | - | 31,5 | 31,5 | A1 | 52 | 40÷52 | 66 | 6,5 | A2 | 55 | 40÷52 | 66 | 6,5 | P  | 55 | 65  | M6 | 1  | 29   | 2 | 85 | 8     | 14  | 24   | F1     | 50 | 68 | Q66 | 54,5 | 6,5 x4 |

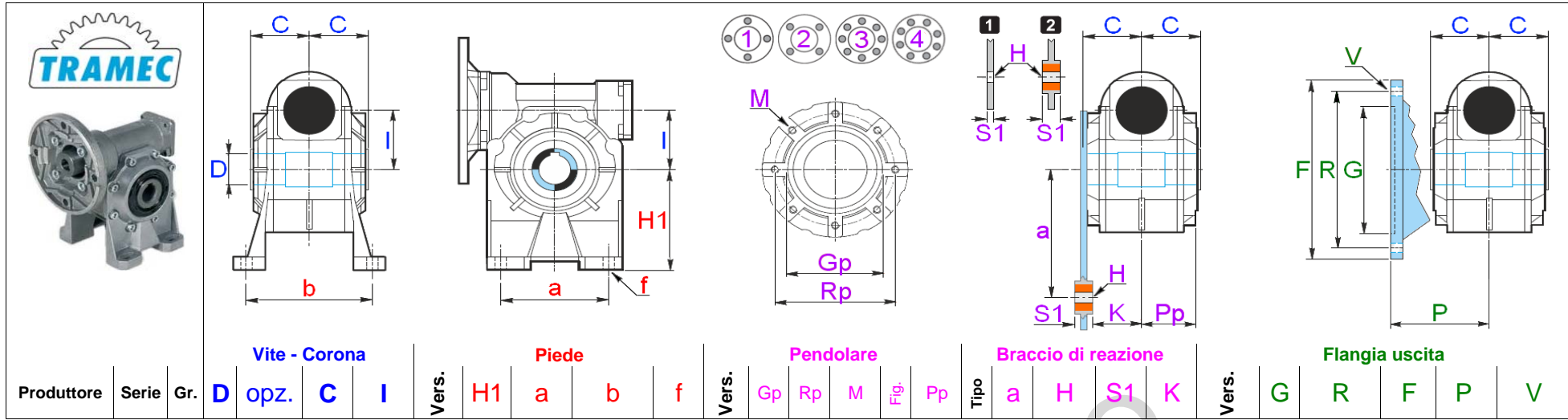
|        |     |    |    |                          |    |    |    |    |    |       |     |    |    |    |    |     |    |    |     |    |    |      |    |     |       |      |      |      |    |       |     |    |      |     |   |    |      |          |   |    |     |      |    |      |
|--------|-----|----|----|--------------------------|----|----|----|----|----|-------|-----|----|----|----|----|-----|----|----|-----|----|----|------|----|-----|-------|------|------|------|----|-------|-----|----|------|-----|---|----|------|----------|---|----|-----|------|----|------|
| TRAMEC | BFK | 40 | 18 | -                        | 32 | 40 | A  | 72 | 52 | 81    | 8,5 | P  | 50 | 65 | M6 | 1   | 38 | 2  | 100 | 8  | 15 | 32,5 | F  | 60  | 87    | Ø110 | 60   | 9 x4 |    |       |     |    |      |     |   |    |      |          |   |    |     |      |    |      |
| TRAMEC | SFK | 40 | 19 | 18<br>interpella<br>teci | 41 | 40 | A  | 71 | 70 | 80÷88 | 7   | P  | 60 | 83 | M6 | 2   | 38 | 1  | 90  | 10 | 4  | 38   | 2  | 8   | 14    | 33   | FP2  | 50   | 65 | M6    | 2   | 38 | 2    | 100 | 8 | 15 | 32,5 | (BFK 40) | F | 95 | 115 | Ø140 | 82 | 9 x4 |
|        |     |    |    |                          |    |    |    |    |    |       |     |    |    |    |    |     |    |    |     |    |    |      | F1 | 60  | 75÷90 | Q85  | 68,5 | 9 x4 |    |       |     |    |      |     |   |    |      |          |   |    |     |      |    |      |
|        |     |    |    |                          |    |    |    |    |    |       |     |    |    |    |    |     |    |    |     |    |    |      | F2 | 60  | 75÷90 | Q85  | 98,5 | 9 x4 |    |       |     |    |      |     |   |    |      |          |   |    |     |      |    |      |
| TRAMEC | KC  | 40 | 18 | 19                       | 39 | 40 | A1 | 71 | 70 | 84    | 7   | A2 | 72 | 52 | 81 | 8,5 | P  | 60 | 75  | M6 | 2  | 36,5 | 2  | 100 | 10    | 14   | 31,5 | F1   | 60 | 75÷90 | Q85 | 67 | 9 x4 |     |   |    |      |          |   |    |     |      |    |      |
|        |     |    |    |                          |    |    |    |    |    |       |     |    |    |    |    |     |    |    |     |    |    |      | F2 | 60  | 75÷90 | Q85  | 97   | 9 x4 |    |       |     |    |      |     |   |    |      |          |   |    |     |      |    |      |
|        |     |    |    |                          |    |    |    |    |    |       |     |    |    |    |    |     |    |    |     |    |    |      | F3 | 95  | 115   | Ø140 | 80   | 9 x7 |    |       |     |    |      |     |   |    |      |          |   |    |     |      |    |      |



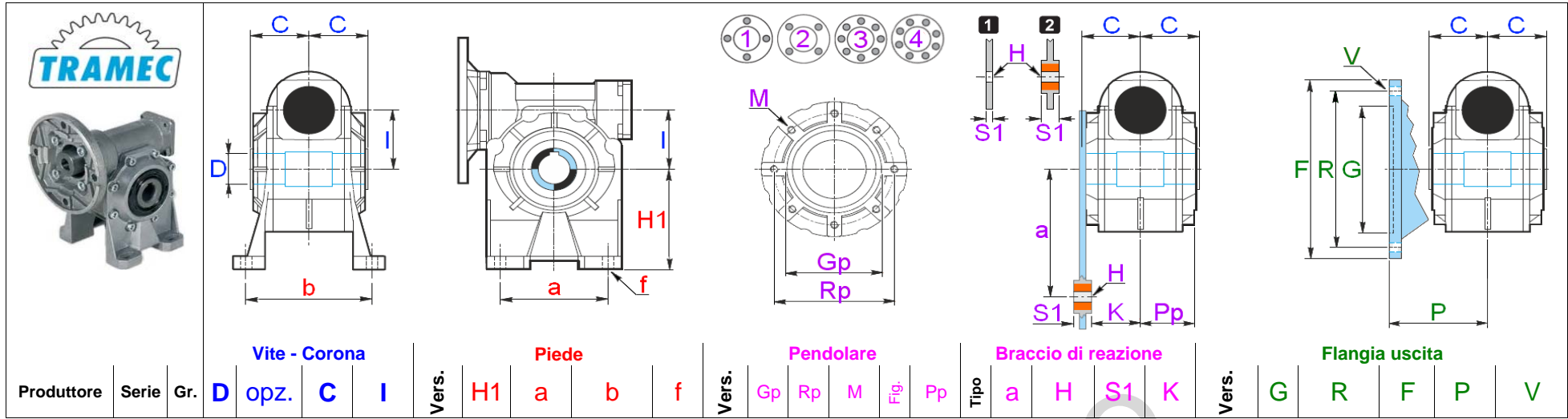
| Produttore | Serie | Gr. | D  | opz.                     | C  | I  | Vers. | H1 | a     | b      | f | Vers. | Gp | Rp | M  | $\frac{G}{L}$ | Pp   | Tipo | a   | H  | S1 | K    | Vers.   | G   | R      | F    | P    | V       |       |
|------------|-------|-----|----|--------------------------|----|----|-------|----|-------|--------|---|-------|----|----|----|---------------|------|------|-----|----|----|------|---------|-----|--------|------|------|---------|-------|
| TRAMEC     | BFK   | 50  | 25 | -                        | 41 | 50 | A     | 82 | 63    | 98,5   | 9 | P     | 68 | 94 | M6 | 1             | 44   | 2    | 100 | 8  | 15 | 38,5 | F       | 70  | 90     | Ø125 | 85   | 10,5 x4 |       |
| TRAMEC     | SFK   | 50  | 24 | 25<br>interpella<br>teci | 49 | 50 | A     | 85 | 85    | 96÷102 | 9 | P     | 70 | 85 | M8 | 3             | 46   | 1    | 100 | 10 | 4  | 46   | F1      | 70  | 90     | Ø125 | 115  | 10,5 x4 |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |               |      | 2    | 100 | 10 | 14 | 40,5 |         |     |        |      |      |         |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |               |      | 2    | 100 | 10 | 14 | 40,5 | (KC 40) | F   | 110    | 130  | Ø160 | 92      | 11 x7 |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |               |      |      |     |    |    |      | F1      | 70  | 85÷100 | Q94  | 92,5 | 11 x4   |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |               |      |      |     |    |    |      | F2      | 70  | 90÷100 | Ø125 | 73   | 10,5 x4 |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |               |      |      |     |    |    |      | F3      | 70  | 90     | Ø125 | 85   | 10,5 x4 |       |
| TRAMEC     | KC    | 50  | 25 | 24                       | 46 | 50 | A1    | 85 | 63÷85 | 99     | 9 | P     | 70 | 85 | M8 | 2             | 43,5 | 2    | 100 | 10 | 14 | 39   | F1      | 70  | 85÷100 | Q94  | 90   | 11 x4   |       |
|            |       |     |    |                          |    |    | A2    | 82 | 63÷85 | 99     | 9 |       |    |    |    |               |      |      |     |    |    |      | F2      | 110 | 130    | Ø160 | 89   | 11 x7   |       |



| Produttore | Serie | Gr. | D  | opz. | C  | I  | Vers. | H1  | a   | b    | f   | Vers. | Gp    | Rp | M   | g   | Pp   | Tipo | a     | H  | S1  | K    | Vers. | G   | R     | F    | P   | V     |
|------------|-------|-----|----|------|----|----|-------|-----|-----|------|-----|-------|-------|----|-----|-----|------|------|-------|----|-----|------|-------|-----|-------|------|-----|-------|
| TRAMEC     | BFK   | 63  | 25 | -    | 60 | 63 | A     | 100 | 95  | 111  | 11  | P     | 75    | 90 | M8  | 3   | 45   | 2    | 150   | 10 | 20  | 38   | F     | 115 | 150   | Ø180 | 116 | 11 x8 |
|            |       |     |    |      |    |    | F1    | 115 | 150 | Ø180 | 86  |       | 11 x7 | F2 | 130 | 165 | Ø200 | 102  | 13 x4 | F3 | 110 | 130  | Ø160  | 82  | 11 x4 |      |     |       |
| TRAMEC     | SFK   | 63  | 25 | -    | 60 | 63 | A     | 100 | 95  | 111  | 11  | P     | 70    | 85 | M8  | 3   | 57,5 | 1    | 150   | 10 | 6   | 57,5 | F     | 115 | 150   | Ø180 | 116 | 11 x8 |
|            |       |     |    |      |    |    | F1    | 115 | 150 | Ø180 | 86  |       | 11 x7 | F2 | 130 | 165 | Ø200 | 102  | 13 x4 | F3 | 110 | 130  | Ø160  | 82  | 11 x4 | 2    | 20  | 50,5  |
| TRAMEC     | KC    | 63  | 25 | -    | 56 | 63 | A     | 100 | 95  | 111  | 11  | P     | 80    | 95 | M8  | 3   | 53   | 2    | 150   | 10 | 14  | 49   | F1    | 115 | 150   | Q142 | 82  | 11 x4 |
|            |       |     |    |      |    |    | F2    | 115 | 150 | Q142 | 112 |       | 11 x4 | F3 | 110 | 130 | Ø160 | 80,5 | 11 x4 |    |     |      |       |     |       |      |     |       |



| Produttore | Serie | Gr. | D  | opz. | C  | I  | Vers. | H1  | a   | b       | f  | Vers. | Gp | Rp  | M   | g    | Pp  | Tipo  | a   | H   | S1  | K    | Vers. | G     | R   | F    | P   | V     |    |
|------------|-------|-----|----|------|----|----|-------|-----|-----|---------|----|-------|----|-----|-----|------|-----|-------|-----|-----|-----|------|-------|-------|-----|------|-----|-------|----|
| TRAMEC     | BFK   | 75  | 28 | 30   | 60 | 75 | A     | 115 | 120 | 112÷120 | 11 | P     | 90 | 110 | M8  | 3    | 46  | 2     | 200 | 10  | 25  | 36,5 | F     | 130   | 165 | Ø200 | 111 | 13 x7 |    |
|            |       |     |    |      |    |    | F1    | 130 | 165 | Ø200    | 85 | 13 x7 | F2 | 115 | 150 | Ø175 | 116 | 11 x4 | F3  | 115 | 150 | Ø175 | 85    | 11 x4 | F3A | 110  | 130 | Ø160  | 85 |
| TRAMEC     | SFK   | 75  | 28 | 30   | 60 | 75 | A     | 115 | 120 | 112÷120 | 11 | P     | 80 | 100 | M8  | 3    | 57  | 2     | 150 | 10  | 20  | 50   | F     | 130   | 165 | Ø200 | 111 | 13 x7 |    |
|            |       |     |    |      |    |    | F1    | 130 | 165 | Ø200    | 85 | 13 x7 | F2 | 115 | 150 | Ø175 | 116 | 11 x4 | F3  | 115 | 150 | Ø175 | 85    | 11 x4 | F3A | 110  | 130 | Ø160  | 85 |
| TRAMEC     | KC    | 75  | 28 | 30   | 60 | 75 | A     | 115 | 120 | 115     | 11 | P     | 95 | 115 | M8  | 3    | 57  | 2     | 200 | 20  | 25  | 47,5 | F1    | 130   | 165 | Q160 | 111 | 13 x4 |    |
|            |       |     |    |      |    |    | F2    | 110 | 130 | Ø160    | 90 | 11 x4 |    |     |     |      |     |       |     |     |     |      |       |       |     |      |     |       |    |



|        |    |    |    |   |    |    |
|--------|----|----|----|---|----|----|
| TRAMEC | KC | 90 | 35 | - | 70 | 90 |
|--------|----|----|----|---|----|----|

|    |     |     |     |    |
|----|-----|-----|-----|----|
| A1 | 135 | 140 | 140 | 13 |
| A2 | 142 | 140 | 146 | 11 |

|   |     |     |     |   |    |   |     |    |    |      |
|---|-----|-----|-----|---|----|---|-----|----|----|------|
| P | 110 | 130 | M10 | 3 | 67 | 2 | 200 | 20 | 25 | 57,5 |
|---|-----|-----|-----|---|----|---|-----|----|----|------|

|    |     |     |      |     |       |
|----|-----|-----|------|-----|-------|
| F1 | 152 | 175 | Ø200 | 111 | 13 x4 |
| F2 | 152 | 175 | Ø200 | 151 | 13 x4 |
| F3 | 130 | 165 | Ø200 | 110 | 11 x4 |

|        |    |     |    |   |      |     |
|--------|----|-----|----|---|------|-----|
| TRAMEC | KC | 110 | 42 | - | 77,5 | 110 |
|--------|----|-----|----|---|------|-----|

|    |     |     |     |    |
|----|-----|-----|-----|----|
| A1 | 172 | 200 | 162 | 13 |
| A2 | 170 | 200 | 181 | 13 |

|   |     |     |     |   |    |   |     |    |    |    |
|---|-----|-----|-----|---|----|---|-----|----|----|----|
| P | 130 | 165 | M10 | 3 | 74 | 2 | 250 | 25 | 30 | 62 |
|---|-----|-----|-----|---|----|---|-----|----|----|----|

|    |     |     |      |     |       |
|----|-----|-----|------|-----|-------|
| F1 | 170 | 230 | Ø260 | 131 | 13 x8 |
| F2 | 180 | 215 | Ø250 | 150 | 15 x4 |

|        |    |     |    |    |    |     |
|--------|----|-----|----|----|----|-----|
| TRAMEC | KC | 130 | 45 | 48 | 85 | 130 |
|--------|----|-----|----|----|----|-----|

|    |     |     |     |    |
|----|-----|-----|-----|----|
| A1 | 200 | 235 | 190 | 15 |
| A2 | 195 | 220 | 191 | 15 |

|   |     |     |     |   |    |   |     |    |    |    |
|---|-----|-----|-----|---|----|---|-----|----|----|----|
| P | 180 | 215 | M12 | 3 | 81 | 2 | 250 | 25 | 30 | 69 |
|---|-----|-----|-----|---|----|---|-----|----|----|----|

|    |     |     |      |     |        |
|----|-----|-----|------|-----|--------|
| F1 | 180 | 255 | Ø320 | 140 | 16 x8* |
| F2 | 230 | 265 | Ø300 | 140 | 16 x8* |

\* Foratura ruotata di 22,5°

# Comparazione VSF "Tondi"

## TRAMEC

## SPAGGIARI

TRAMEC

KC

30÷130



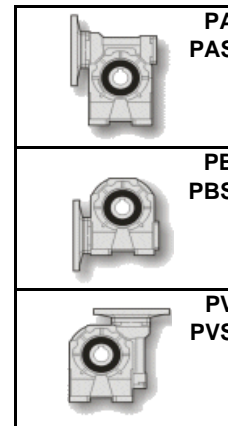
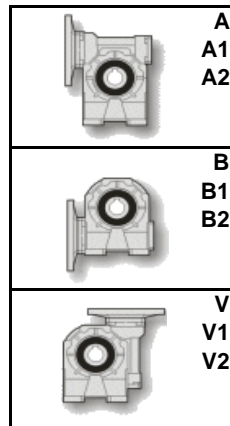
SPAGGIARI

SW

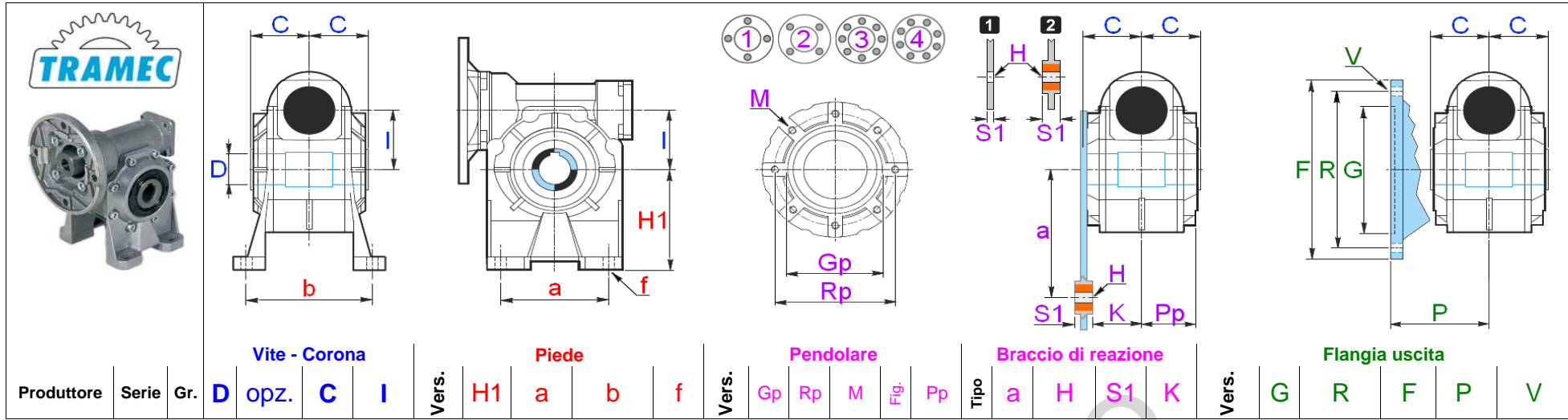
030÷105



## Tabella ORIENTAMENTO Piedi



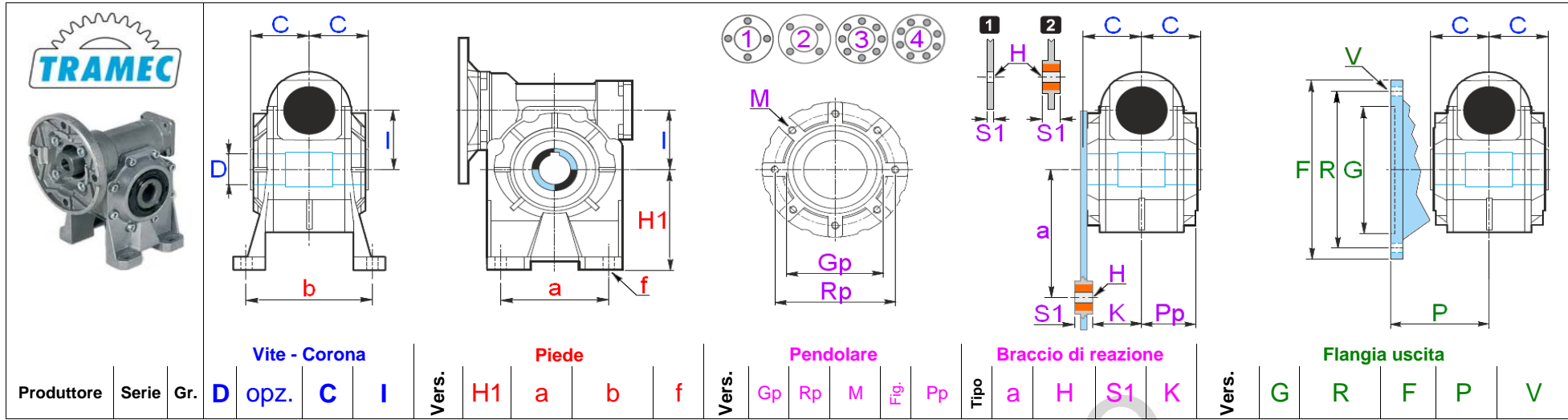




| Produttore | Serie | Gr. | Vite - Corona |      |   | Piede |       |    |   | Pendolare |   |       |    | Braccio di reazione |   |               |    | Flangia uscita |   |   |    |   |       |   |   |   |   |   |
|------------|-------|-----|---------------|------|---|-------|-------|----|---|-----------|---|-------|----|---------------------|---|---------------|----|----------------|---|---|----|---|-------|---|---|---|---|---|
|            |       |     | D             | opz. | C | I     | Vers. | H1 | a | b         | f | Vers. | Gp | Rp                  | M | $\frac{G}{I}$ | Pp | Tipo           | a | H | S1 | K | Vers. | G | R | F | P | V |

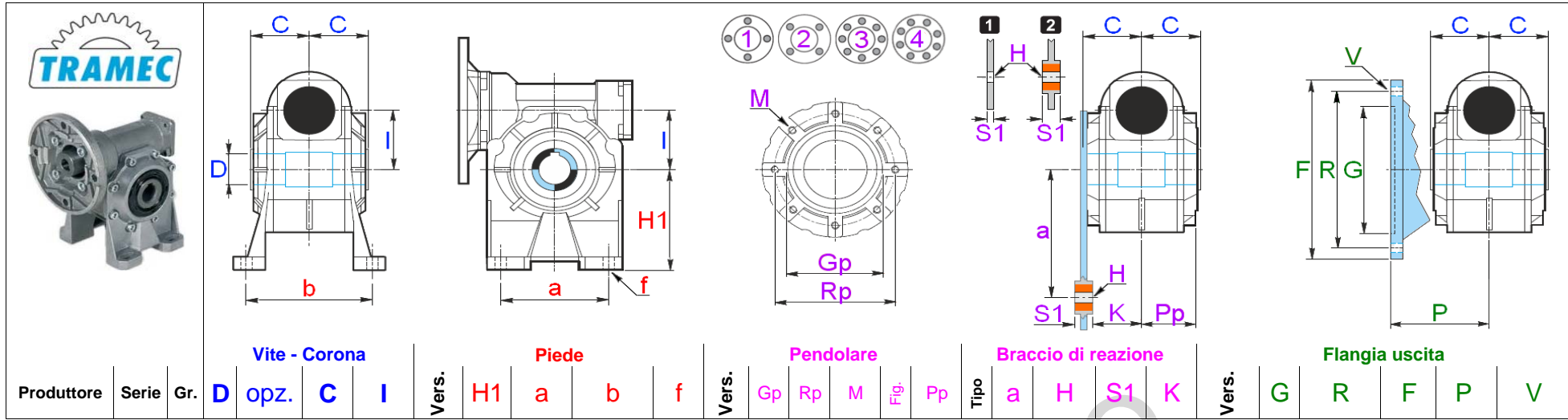
|           |    |    |    |   |      |      |    |    |       |    |     |   |    |    |    |   |    |   |    |   |    |    |    |    |    |     |      |        |
|-----------|----|----|----|---|------|------|----|----|-------|----|-----|---|----|----|----|---|----|---|----|---|----|----|----|----|----|-----|------|--------|
| SPAGGIARI | SW | 30 | 14 |   | 31,5 | 30   | PA | 55 | 50    | 66 | 7   | T | 55 | 65 | M6 | 1 | 29 | 2 | 85 | 8 | 14 | 24 | FA | 50 | 68 | Q70 | 54,5 | 6,5 x4 |
| TRAMEC    | KC | 30 | 14 | - | 31,5 | 31,5 | A2 | 55 | 40÷52 | 66 | 6,5 | P | 55 | 65 | M6 | 1 | 29 | 2 | 85 | 8 | 14 | 24 | F1 | 50 | 68 | Q66 | 54,5 | 6,5 x4 |

|           |    |    |    |    |    |    |    |    |    |    |   |     |    |    |    |     |   |    |    |    |   |      |    |     |       |      |      |        |    |       |     |    |      |
|-----------|----|----|----|----|----|----|----|----|----|----|---|-----|----|----|----|-----|---|----|----|----|---|------|----|-----|-------|------|------|--------|----|-------|-----|----|------|
| SPAGGIARI | SW | 40 | 18 | 19 | 39 | 40 | PA | 72 | 52 | 81 | 9 | PAS | 71 | 70 | 84 | 7   | T | 60 | 75 | M6 | 2 | 36,5 | 2  | 100 | 10    | 14   | 31,5 | FA     | 60 | 75÷90 | Q95 | 67 | 9 x4 |
|           |    |    |    |    |    |    |    |    |    |    |   |     |    |    |    |     |   |    |    |    |   |      | FB | 60  | 75÷90 | Q95  | 97   | 9 x4   |    |       |     |    |      |
|           |    |    |    |    |    |    |    |    |    |    |   |     |    |    |    |     |   |    |    |    |   |      | FC | 95  | 115   | Ø140 | 80   | 9,5 x4 |    |       |     |    |      |
|           |    |    |    |    |    |    |    |    |    |    |   |     |    |    |    |     |   |    |    |    |   |      | FD | 80  | 100   | Ø120 | 58   | 9 x4   |    |       |     |    |      |
| TRAMEC    | KC | 40 | 18 | 19 | 39 | 40 | A1 | 71 | 70 | 84 | 7 | A2  | 72 | 52 | 81 | 8,5 | P | 60 | 75 | M6 | 2 | 36,5 | 2  | 100 | 10    | 14   | 31,5 | F1     | 60 | 75÷90 | Q85 | 67 | 9 x4 |
|           |    |    |    |    |    |    |    |    |    |    |   |     |    |    |    |     |   |    |    |    |   |      | F2 | 60  | 75÷90 | Q85  | 97   | 9 x4   |    |       |     |    |      |
|           |    |    |    |    |    |    |    |    |    |    |   |     |    |    |    |     |   |    |    |    |   |      | F3 | 95  | 115   | Ø140 | 80   | 9 x7   |    |       |     |    |      |



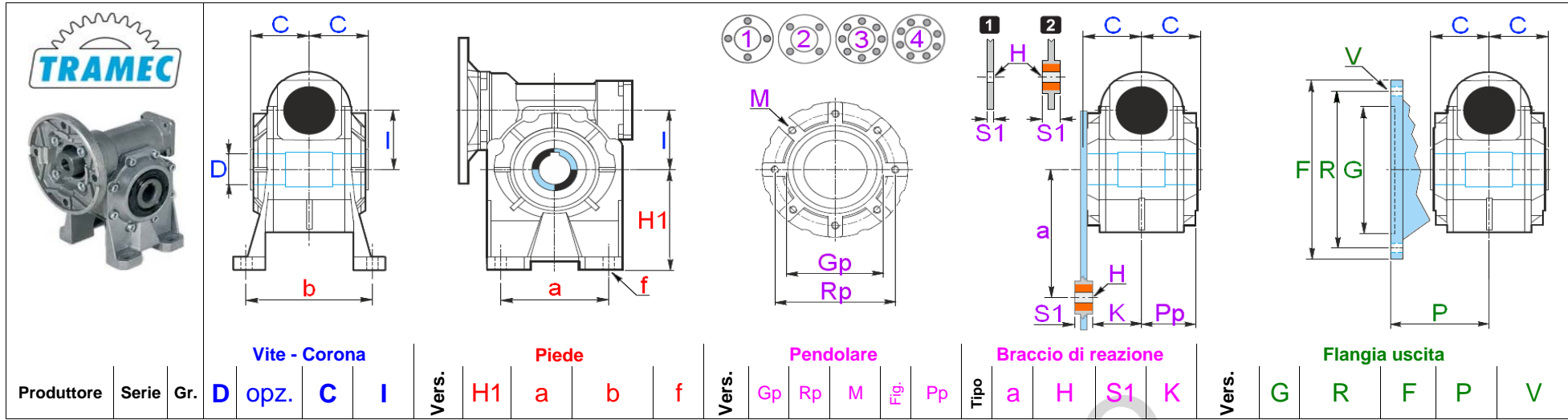
|           |    |    |    |    |    |    |     |    |       |       |   |   |    |    |    |   |      |   |     |    |    |      |     |        |       |      |       |        |
|-----------|----|----|----|----|----|----|-----|----|-------|-------|---|---|----|----|----|---|------|---|-----|----|----|------|-----|--------|-------|------|-------|--------|
| SPAGGIARI | SW | 50 | 25 | 24 | 46 | 50 | PA  | 82 | 63    | 98,5  | 9 | T | 70 | 85 | M8 | 2 | 43,5 | 2 | 100 | 10 | 14 | 38,5 | FA  | 70     | 85÷95 | Q110 | 90    | 11 x4  |
|           |    |    |    |    |    |    | PAS | 85 | 85    | 96÷99 | 9 |   |    |    |    |   |      |   |     |    |    |      | FB  | 70     | 85÷95 | Q110 | 120   | 11 x4  |
| TRAMEC    | KC | 50 | 25 | 24 | 46 | 50 | A1  | 85 | 63÷85 | 99    | 9 | P | 70 | 85 | M8 | 2 | 43,5 | 2 | 100 | 10 | 14 | 39   | FC  | 110    | 130   | Ø160 | 89    | 9,5 x4 |
|           |    |    |    |    |    |    | A2  | 82 | 63÷85 | 99    | 9 |   |    |    |    |   |      |   |     |    |    |      | FD  | 95     | 115   | Ø140 | 72    | 11 x4  |
|           |    |    |    |    |    |    |     |    |       |       |   |   |    |    |    |   |      |   |     |    |    | F1   | 70  | 85÷100 | Q94   | 90   | 11 x4 |        |
|           |    |    |    |    |    |    |     |    |       |       |   |   |    |    |    |   |      |   |     |    |    | F2   | 110 | 130    | Ø160  | 89   | 11 x7 |        |

|           |    |    |    |    |    |    |    |     |    |     |    |   |    |    |    |   |    |   |     |    |    |    |     |     |      |      |       |       |
|-----------|----|----|----|----|----|----|----|-----|----|-----|----|---|----|----|----|---|----|---|-----|----|----|----|-----|-----|------|------|-------|-------|
| SPAGGIARI | SW | 63 | 25 | 28 | 56 | 63 | PA | 100 | 95 | 111 | 12 | T | 80 | 95 | M8 | 3 | 53 | 2 | 150 | 10 | 14 | 49 | FA  | 115 | 150  | Q142 | 82    | 11 x4 |
|           |    |    |    |    |    |    |    |     |    |     |    |   |    |    |    |   |    |   |     |    |    |    | FB  | 115 | 150  | Q142 | 112   | 11 x4 |
| TRAMEC    | KC | 63 | 25 | -  | 56 | 63 | A  | 100 | 95 | 111 | 11 | P | 80 | 95 | M8 | 3 | 53 | 2 | 150 | 10 | 14 | 49 | FC  | 130 | 165  | Ø200 | 98    | 11 x4 |
|           |    |    |    |    |    |    |    |     |    |     |    |   |    |    |    |   |    |   |     |    |    |    | FD  | 130 | 165  | Ø200 | 107   | 11 x4 |
|           |    |    |    |    |    |    |    |     |    |     |    |   |    |    |    |   |    |   |     |    |    | FE | 110 | 130 | Ø160 | 80,5 | 11 x4 |       |
|           |    |    |    |    |    |    |    |     |    |     |    |   |    |    |    |   |    |   |     |    |    | F1 | 115 | 150 | Q142 | 82   | 11 x4 |       |
|           |    |    |    |    |    |    |    |     |    |     |    |   |    |    |    |   |    |   |     |    |    | F2 | 115 | 150 | Q142 | 112  | 11 x4 |       |
|           |    |    |    |    |    |    |    |     |    |     |    |   |    |    |    |   |    |   |     |    |    | F3 | 110 | 130 | Ø160 | 80,5 | 11 x4 |       |



|           |    |    |    |    |    |    |    |     |     |      |    |   |       |     |    |   |    |   |     |    |    |      |    |     |     |      |     |       |
|-----------|----|----|----|----|----|----|----|-----|-----|------|----|---|-------|-----|----|---|----|---|-----|----|----|------|----|-----|-----|------|-----|-------|
| SPAGGIARI | SW | 75 | 28 | 35 | 60 | 75 | PA | 115 | 120 | 115  | 12 | T | 95    | 115 | M8 | 3 | 57 | 2 | 200 | 20 | 25 | 47,5 | FA | 130 | 165 | Q170 | 111 | 14 x4 |
|           |    |    |    |    |    |    | FB | 110 | 130 | Ø160 | 90 |   | 11 x4 |     |    |   |    |   |     |    |    |      |    |     |     |      |     |       |
| TRAMEC    | KC | 75 | 28 | 30 | 60 | 75 | A  | 115 | 120 | 115  | 11 | P | 95    | 115 | M8 | 3 | 57 | 2 | 200 | 20 | 25 | 47,5 | F1 | 130 | 165 | Q160 | 111 | 13 x4 |
|           |    |    |    |    |    |    | F2 | 110 | 130 | Ø160 | 90 |   | 11 x4 |     |    |   |    |   |     |    |    |      |    |     |     |      |     |       |

|           |    |    |    |    |    |    |     |     |     |         |    |   |     |     |     |      |     |       |     |    |    |      |     |     |      |      |       |       |
|-----------|----|----|----|----|----|----|-----|-----|-----|---------|----|---|-----|-----|-----|------|-----|-------|-----|----|----|------|-----|-----|------|------|-------|-------|
| SPAGGIARI | SW | 90 | 35 | 38 | 70 | 90 | PA  | 142 | 140 | 140÷146 | 13 | T | 110 | 130 | M10 | 3    | 67  | 2     | 200 | 20 | 25 | 57,5 | FA  | 152 | 175  | Q200 | 111   | 14 x4 |
|           |    |    |    |    |    |    | PAS | 150 | 160 | 164     | 13 |   | FB  | 180 | 215 | Ø250 | 122 | 14 x4 |     |    |    |      |     |     |      |      |       |       |
| TRAMEC    | KC | 90 | 35 | -  | 70 | 90 | A1  | 135 | 140 | 140     | 13 | P | 110 | 130 | M10 | 3    | 67  | 2     | 200 | 20 | 25 | 57,5 | FC  | 130 | 165  | Ø200 | 110   | 11 x4 |
|           |    |    |    |    |    |    | A2  | 142 | 140 | 146     | 11 |   | F2  | 152 | 175 | Ø200 | 151 | 13 x4 |     |    |    |      |     |     |      |      |       |       |
|           |    |    |    |    |    |    |     |     |     |         |    |   |     |     |     |      |     |       |     |    |    | F3   | 130 | 165 | Ø200 | 110  | 11 x4 |       |



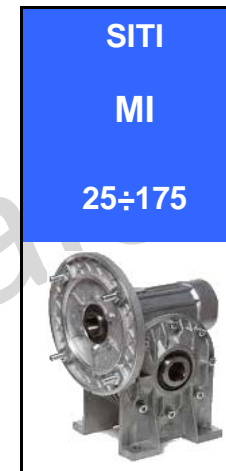
| Produttore | Serie | Gr. | Vite - Corona |      |   |   | Piede |    |   |   | Pendolare |       |    |    | Braccio di reazione |               |    |      | Flangia uscita |   |    |   |       |   |   |   |   |   |
|------------|-------|-----|---------------|------|---|---|-------|----|---|---|-----------|-------|----|----|---------------------|---------------|----|------|----------------|---|----|---|-------|---|---|---|---|---|
|            |       |     | D             | opz. | C | I | Vers. | H1 | a | b | f         | Vers. | Gp | Rp | M                   | $\frac{G}{I}$ | Pp | Tipo | a              | H | S1 | K | Vers. | G | R | F | P | V |

|           |    |     |    |   |      |     |     |     |     |         |    |   |     |     |     |   |    |   |     |    |    |    |    |     |     |      |     |       |
|-----------|----|-----|----|---|------|-----|-----|-----|-----|---------|----|---|-----|-----|-----|---|----|---|-----|----|----|----|----|-----|-----|------|-----|-------|
| SPAGGIARI | SW | 105 | 42 |   | 77,5 | 110 | PA  | 172 | 200 | 160÷181 | 13 | T | 130 | 165 | M10 | 3 | 74 | 2 | 250 | 25 | 30 | 62 | FA | 170 | 230 | Q260 | 131 | 14 x8 |
|           |    |     |    |   |      |     | PAS | 170 | 200 | 160÷181 | 13 |   |     |     |     |   |    |   |     |    |    |    | FB | 170 | 230 | Q260 | 180 | 14 x8 |
| TRAMEC    | KC | 110 | 42 | - | 77,5 | 110 | A1  | 172 | 200 | 162     | 13 | P | 130 | 165 | M10 | 3 | 74 | 2 | 250 | 25 | 30 | 62 | F1 | 170 | 230 | Ø260 | 131 | 13 x8 |
|           |    |     |    |   |      |     | A2  | 170 | 200 | 181     | 13 |   |     |     |     |   |    |   |     |    |    |    | F2 | 180 | 215 | Ø250 | 150 | 15 x4 |

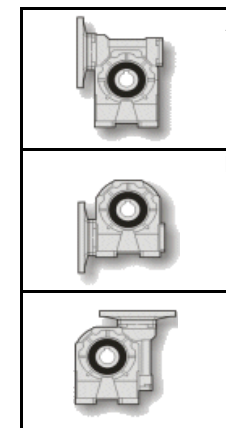
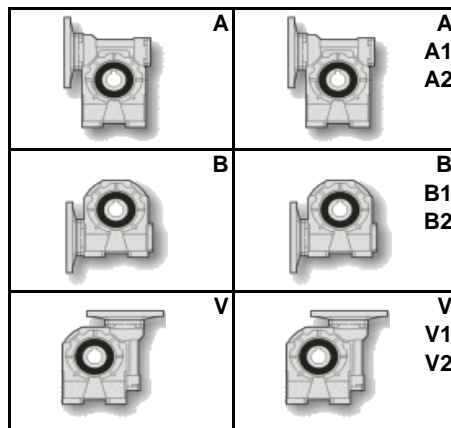
# Comparazione VSF "Tondi"

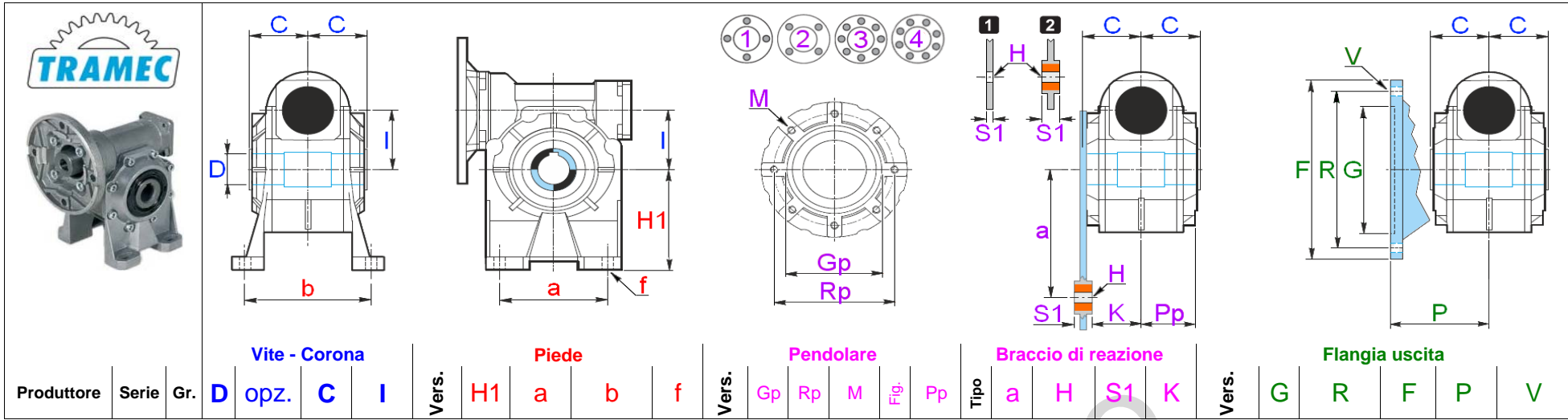
## TRAMEC

## SITI



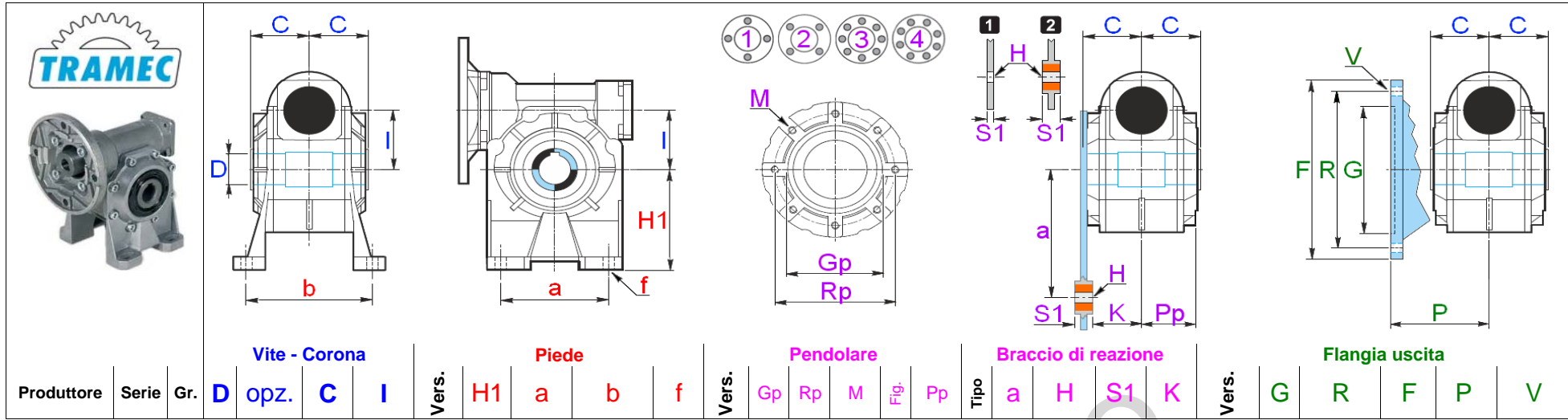
### Tabella ORIENTAMENTO Piedi



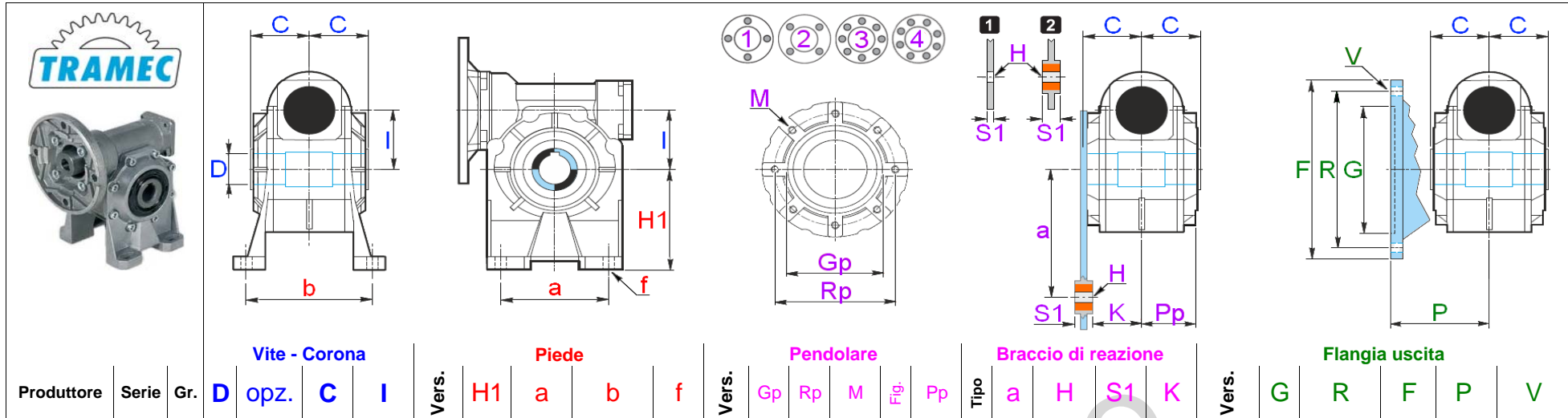


| Produttore | Serie | Gr. | D  | opz. | C    | I    | Vers. | H1                                    | a     | b  | f   | Vers. | Gp | Rp | M    | Pp | Tipo | a | H  | S1    | K    | Vers. | G | R  | F     | P    | V    |        |     |    |        |    |    |    |    |    |     |      |        |
|------------|-------|-----|----|------|------|------|-------|---------------------------------------|-------|----|-----|-------|----|----|------|----|------|---|----|-------|------|-------|---|----|-------|------|------|--------|-----|----|--------|----|----|----|----|----|-----|------|--------|
| SITI       | MI    | 25  | 7  | -    | 26   | 25   | A     | 52                                    | 40    | 55 | 5,5 | -     | -  | -  | -    | -  | -    | - | -  | -     | -    | -     | F | 40 | 54    | Ø75  | 45,5 | 5,5 x4 |     |    |        |    |    |    |    |    |     |      |        |
| SITI       | MI    | 30  | 14 | -    | 27,5 | 30   | *     | 42                                    | 52    | 44 | 5,5 | *     | -  | 69 | Ø5,5 | -  | 26,5 | 2 | 85 | 8 s/b | 12,5 | -     | F | 70 | 85    | Ø105 | 72   | 6,5 x4 |     |    |        |    |    |    |    |    |     |      |        |
|            |       |     |    |      |      |      |       | <i>* Siti MI 30 è in forma Quadra</i> |       |    |     |       |    |    |      |    |      |   |    |       |      |       |   |    |       | FBC  | 50   | 69     | Ø80 | 52 | 6,5 x4 |    |    |    |    |    |     |      |        |
| TRAMEC     | SFK   | 30  | 14 | -    | 31,5 | 31,5 | A     | 52                                    | 40÷52 | 66 | 6,5 | -     | -  | -  | -    | -  | -    | - | -  | -     | -    | -     | F | 40 | 56÷60 | Ø71  | 50,5 | 6,5 x4 |     |    |        |    |    |    |    |    |     |      |        |
| TRAMEC     | KC    | 30  | 14 | -    | 31,5 | 31,5 | A1    | 52                                    | 40÷52 | 66 | 6,5 | -     | -  | -  | -    | -  | -    | - | -  | -     | -    | -     | P | 55 | 65    | M6   | 1    | 29     | 2   | 85 | 8      | 14 | 24 | F1 | 50 | 68 | Q66 | 54,5 | 6,5 x4 |

| Produttore | Serie | Gr. | D  | opz.                     | C  | I  | Vers. | H1              | a  | b     | f | Vers. | Gp | Rp | M | Pp | Tipo | a | H | S1 | K | Vers. | G   | R  | F  | P  | V   |      |       |       |        |      |      |      |    |       |      |    |      |
|------------|-------|-----|----|--------------------------|----|----|-------|-----------------|----|-------|---|-------|----|----|---|----|------|---|---|----|---|-------|-----|----|----|----|-----|------|-------|-------|--------|------|------|------|----|-------|------|----|------|
| SITI       | MI    | 40  | 19 | -                        | 41 | 40 | A     | 71              | 70 | 84    | 7 | -     | -  | -  | - | -  | -    | - | - | -  | - | -     | FP  | 50 | 65 | M6 | 2   | 38,5 | 2     | 100   | 10 s/b | 20   | 30,5 | F    | 95 | 115   | Ø140 | 82 | 9 x4 |
| TRAMEC     | SFK   | 40  | 19 | 18<br>interpella<br>teci | 41 | 40 | A     | 71              | 70 | 80÷88 | 7 | -     | -  | -  | - | -  | -    | - | - | -  | - | -     | FP2 | 50 | 65 | M6 | 2   | 38   | 2     | 100   | 8      | 15   | 32,5 | FBR  | 80 | 100   | Ø120 | 60 | 9 x4 |
|            |       |     |    |                          |    |    |       | <i>(BFK 40)</i> |    |       |   |       |    |    |   |    |      |   |   |    |   |       |     |    |    |    | FBM | 60   | 75÷90 | Q95   | 69     | 9 x4 |      |      |    |       |      |    |      |
| TRAMEC     | KC    | 40  | 18 | 19                       | 39 | 40 | A1    | 71              | 70 | 84    | 7 | -     | -  | -  | - | -  | -    | - | - | -  | - | -     | P   | 60 | 75 | M6 | 2   | 36,5 | 2     | 100   | 10     | 14   | 31,5 | FBML | 60 | 75÷90 | Q95  | 99 | 9 x4 |
|            |       |     |    |                          |    |    |       | <i>(BFK 40)</i> |    |       |   |       |    |    |   |    |      |   |   |    |   |       |     |    |    |    |     | F1   | 60    | 75÷90 | Q85    | 68,5 | 9 x4 |      |    |       |      |    |      |
|            |       |     |    |                          |    |    |       | <i>(BFK 40)</i> |    |       |   |       |    |    |   |    |      |   |   |    |   |       |     |    |    |    |     | F2   | 60    | 75÷90 | Q85    | 98,5 | 9 x4 |      |    |       |      |    |      |
|            |       |     |    |                          |    |    |       | <i>(BFK 40)</i> |    |       |   |       |    |    |   |    |      |   |   |    |   |       |     |    |    |    |     |      | F3    | 95    | 115    | Ø140 | 80   | 9 x7 |    |       |      |    |      |

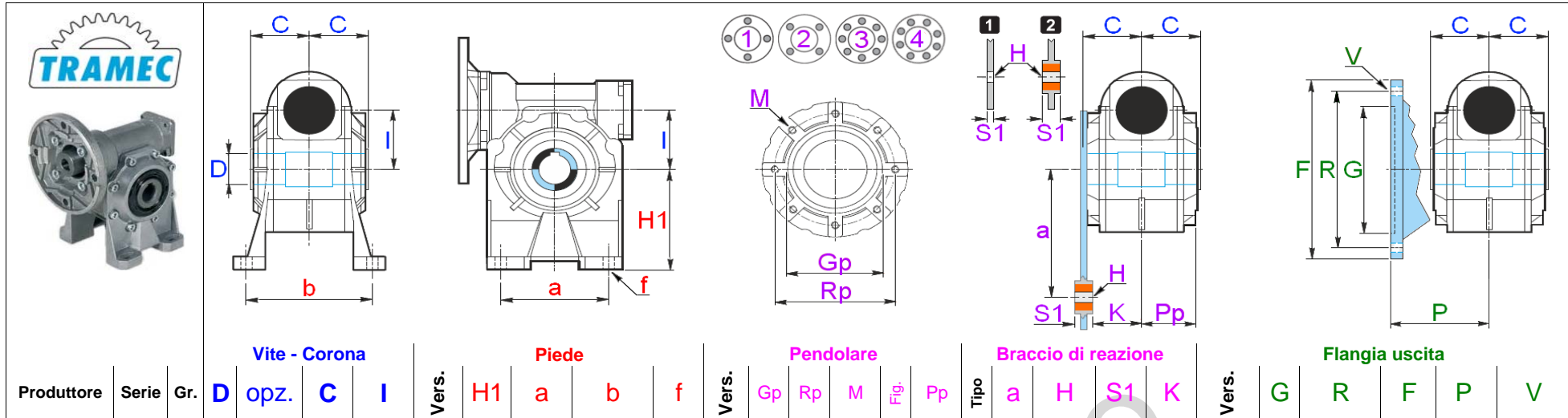


| Produttore | Serie | Gr. | D  | opz.                     | C  | I  | Vers. | H1 | a     | b      | f | Vers. | Gp | Rp | M  | g | Pp   | Tipo | a   | H      | S1 | K    | Vers.   | G   | R      | F    | P    | V       |       |
|------------|-------|-----|----|--------------------------|----|----|-------|----|-------|--------|---|-------|----|----|----|---|------|------|-----|--------|----|------|---------|-----|--------|------|------|---------|-------|
| SITI       | MI    | 50  | 24 |                          | 49 | 50 | A     | 85 | 85    | 96     | 9 | FP    | 60 | 75 | M6 | 2 | 46,5 | 2    | 100 | 10 s/b | 20 | 38,5 | F       | 110 | 130    | Ø160 | 92   | 10,5 x4 |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |   |      |      |     |        |    |      | FBR     | 95  | 115    | Ø140 | 75   | 10,4 x4 |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |   |      |      |     |        |    |      | FBM     | 70  | 85     | Q110 | 93   | 11 x4   |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |   |      |      |     |        |    |      | FBML    | 70  | 85     | Q110 | 123  | 11 x4   |       |
| TRAMEC     | SFK   | 50  | 24 | 25<br>interpella<br>teci | 49 | 50 | A     | 85 | 85    | 96÷102 | 9 | FP2   | 60 | 75 | M6 | 2 | 46   | 2    | 100 | 10     | 14 | 40,5 | (KC 40) | F   | 110    | 130  | Ø160 | 92      | 11 x7 |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |   |      |      |     |        |    |      | F1      | 70  | 85÷100 | Q94  | 92,5 | 11 x4   |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |   |      |      |     |        |    |      | F2      | 70  | 90÷100 | Ø125 | 73   | 10,5 x4 |       |
| TRAMEC     | KC    | 50  | 25 | 24                       | 46 | 50 | A1    | 85 | 63÷85 | 99     | 9 | P     | 70 | 85 | M8 | 2 | 43,5 | 2    | 100 | 10     | 14 | 39   | F1      | 70  | 85÷100 | Q94  | 90   | 11 x4   |       |
|            |       |     |    |                          |    |    |       |    |       |        |   |       |    |    |    |   |      |      |     |        |    |      | F2      | 110 | 130    | Ø160 | 89   | 11 x7   |       |



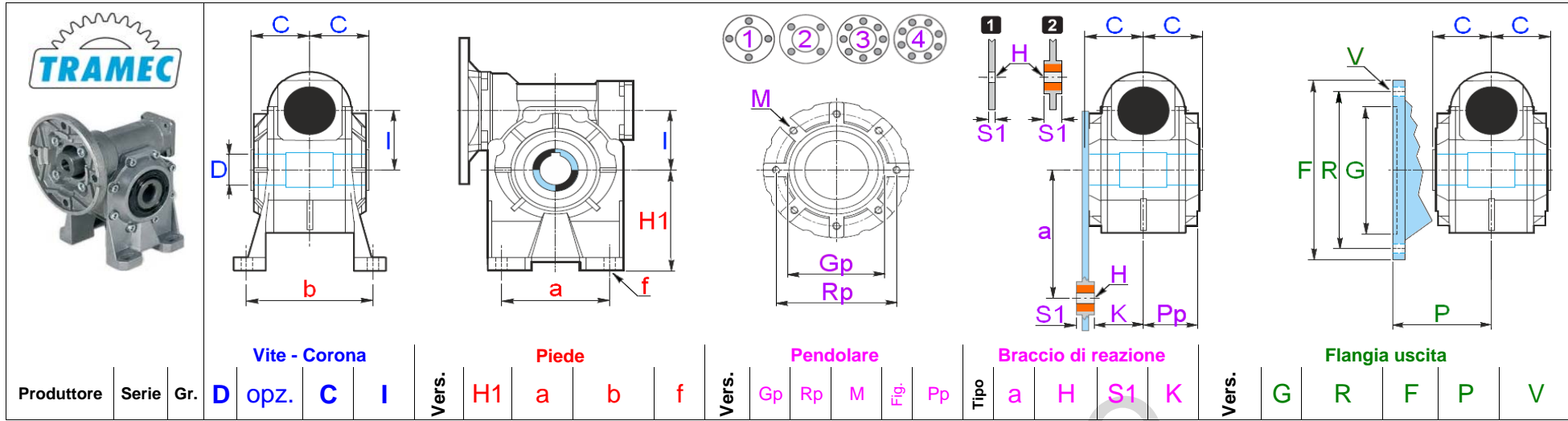
| Produttore | Serie | Gr. | D  | opz. | C  | I  | Vers. | H1  | a  | b   | f  | Vers. | Gp | Rp  | M      | g  | Pp   | Tipo | a   | H   | S1   | K    | Vers. | G   | R   | F   | P    | V   |       |     |     |     |      |      |
|------------|-------|-----|----|------|----|----|-------|-----|----|-----|----|-------|----|-----|--------|----|------|------|-----|-----|------|------|-------|-----|-----|-----|------|-----|-------|-----|-----|-----|------|------|
| SITI       | MI    | 60  | 25 |      | 60 | 60 | A     | 100 | 95 | 111 | 11 |       |    |     |        |    |      |      |     |     |      |      |       |     |     |     |      |     |       |     |     |     |      |      |
|            |       |     |    |      |    |    | FP    | 70  | 85 | M8  | 2  | 52    | 2  | 150 | 10 s/b | 20 | 45   | F    | 130 | 165 | Ø200 | 96,5 | 11 x4 | FBR | 110 | 130 | Ø160 | 76  | 11 x4 | FBM | 115 | 150 | Q142 | 81   |
| TRAMEC     | SFK   | 63  | 25 | -    | 60 | 63 | A     | 100 | 95 | 111 | 11 |       |    |     |        |    |      |      |     |     |      |      |       |     |     |     |      |     |       |     |     |     |      |      |
|            |       |     |    |      |    |    | P     | 70  | 85 | M8  | 3  | 57,5  | 2  | 150 | 10     | 20 | 50,5 | F    | 115 | 150 | Ø180 | 116  | 11 x8 | F1  | 115 | 150 | Ø180 | 86  | 11 x7 | F2  | 130 | 165 | Ø200 | 102  |
| TRAMEC     | KC    | 63  | 25 | -    | 56 | 63 | A     | 100 | 95 | 111 | 11 |       |    |     |        |    |      |      |     |     |      |      |       |     |     |     |      |     |       |     |     |     |      |      |
|            |       |     |    |      |    |    | P     | 80  | 95 | M8  | 3  | 53    | 2  | 150 | 10     | 14 | 49   | F1   | 115 | 150 | Q142 | 82   | 11 x4 | F2  | 115 | 150 | Q142 | 112 | 11 x4 | F3  | 110 | 130 | Ø160 | 80,5 |



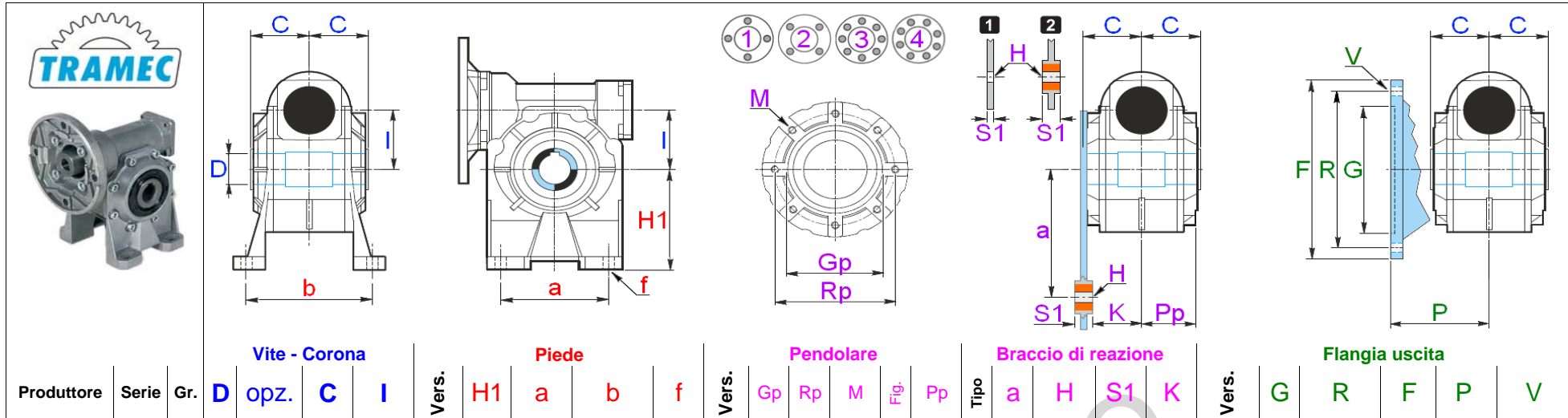


| Produttore | Serie | Gr. | Vite - Corona |      |   |   | Piede |    |   |   | Pendolare |       |    |    | Braccio di reazione |               |    |      | Flangia uscita |   |    |   |       |   |   |   |   |   |
|------------|-------|-----|---------------|------|---|---|-------|----|---|---|-----------|-------|----|----|---------------------|---------------|----|------|----------------|---|----|---|-------|---|---|---|---|---|
|            |       |     | D             | opz. | C | I | Vers. | H1 | a | b | f         | Vers. | Gp | Rp | M                   | $\frac{G}{I}$ | Pp | Tipo | a              | H | S1 | K | Vers. | G | R | F | P | V |

|        |     |    |    |      |    |     |     |     |      |         |       |       |     |     |      |      |       |       |        |     |      |      |       |     |      |       |       |       |
|--------|-----|----|----|------|----|-----|-----|-----|------|---------|-------|-------|-----|-----|------|------|-------|-------|--------|-----|------|------|-------|-----|------|-------|-------|-------|
| SITI   | MI  | 70 | 28 | 60,5 | 70 | A   | 115 | 120 | 115  | 11      | FP    | 80    | 100 | M8  | 2    | 57   | 2     | 200   | 14 s/b | 25  | 47,5 | F    | 130   | 165 | Ø200 | 111,5 | 13 x4 |       |
|        |     |    |    |      |    | FBR | 110 | 130 | Ø160 | 85      | 11 x4 | FBM   | 110 | 165 | Ø160 | 85   | 11 x4 | FBML  | 130    | 130 | Ø200 | 111  | 14 x4 |     |      |       |       |       |
| TRAMEC | SFK | 75 | 28 | 30   | 60 | 75  | A   | 115 | 120  | 112÷120 | 11    | P     | 80  | 100 | M8   | 3    | 57    | 2     | 150    | 10  | 20   | 50   | F     | 130 | 165  | Ø200  | 111   | 13 x7 |
|        |     |    |    |      |    |     | F3A | 110 | 130  | Ø160    | 85    | 11 x4 | F4  | 110 | 130  | Ø160 | 101   | 11 x4 |        |     |      |      |       |     |      |       |       |       |
| TRAMEC | KC  | 75 | 28 | 30   | 60 | 75  | A   | 115 | 120  | 115     | 11    | P     | 95  | 115 | M8   | 3    | 57    | 2     | 200    | 20  | 25   | 47,5 | F1    | 130 | 165  | Q160  | 111   | 13 x4 |
|        |     |    |    |      |    |     | F2  | 110 | 130  | Ø160    | 90    | 11 x4 |     |     |      |      |       |       |        |     |      |      |       |     |      |       |       |       |



|        |     |     |      |       |       |     |     |     |      |      |     |         |       |     |     |      |    |     |        |    |    |      |     |     |      |      |         |       |
|--------|-----|-----|------|-------|-------|-----|-----|-----|------|------|-----|---------|-------|-----|-----|------|----|-----|--------|----|----|------|-----|-----|------|------|---------|-------|
| SITI   | MI  | 80  | 35   | 70    | 80    | A   | 142 | 140 | 146  | 11   | FP  | 110     | 130   | M10 | 2   | 66,5 | 2  | 200 | 14 s/b | 25 | 57 | F    | 130 | 165 | Ø200 | 120  | 11,5 x4 |       |
|        |     |     |      |       |       | FBR | 110 | 130 | Ø160 | 100  |     | 11,5 x4 |       |     |     |      |    |     |        |    |    |      |     |     |      |      |         |       |
| FBS    | 152 | 175 | Q200 | 110,5 | 14 x4 |     |     |     |      |      |     |         |       |     |     |      |    |     |        |    |    |      |     |     |      |      |         |       |
| SITI   | MI  | 90  | 38   | 75    | 90    | A   | 150 | 160 | 164  | 13   | FP  | 110     | 130   | M10 | 2   | 71,5 | 2  | 200 | 14 s/b | 25 | 62 | F    | 180 | 215 | Ø250 | 127  | 14 x4   |       |
|        |     |     |      |       |       | FBR | 130 | 165 | Ø200 | 115  |     | 11 x4   |       |     |     |      |    |     |        |    |    |      |     |     |      |      |         |       |
| FBS    | 152 | 175 | Q200 | 115,5 | 14 x4 |     |     |     |      |      |     |         |       |     |     |      |    |     |        |    |    |      |     |     |      |      |         |       |
| TRAMEC | KC  | 90  | 35   | -     | 70    | 90  | A2  | 142 | 140  | 146  | 11  | P       | 110   | 130 | M10 | 3    | 67 | 2   | 200    | 20 | 25 | 57,5 | F1  | 152 | 175  | Ø200 | 111     | 13 x4 |
|        |     |     |      |       |       |     | F2  | 152 | 175  | Ø200 | 151 |         | 13 x4 |     |     |      |    |     |        |    |    |      |     |     |      |      |         |       |
| F3     | 130 | 165 | Ø200 | 110   | 11 x4 |     |     |     |      |      |     |         |       |     |     |      |    |     |        |    |    |      |     |     |      |      |         |       |

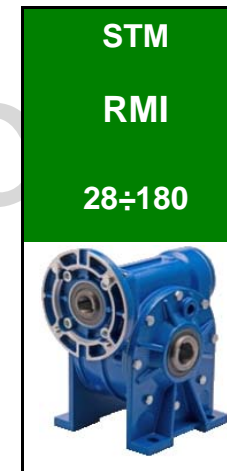


|        |    |     |    |    |      |     |     |     |     |      |       |    |       |     |     |     |      |                             |       |        |    |      |    |     |     |      |     |        |
|--------|----|-----|----|----|------|-----|-----|-----|-----|------|-------|----|-------|-----|-----|-----|------|-----------------------------|-------|--------|----|------|----|-----|-----|------|-----|--------|
| SITI   | MI | 110 | 42 |    | 77,5 | 110 | A   | 172 | 200 | 160  | 13    | FP | 130   | 165 | M12 | 2   | 74   | 2                           | 250   | 14 s/b | 25 | 64,5 | F  | 180 | 215 | Ø250 | 150 | 15 x4  |
|        |    |     |    |    |      |     | FBR | 180 | 215 | Ø250 | 130   |    | 15 x4 | FBM | 170 | 230 | Q260 | 131                         | 14 x4 |        |    |      |    |     |     |      |     |        |
| TRAMEC | KC | 110 | 42 | -  | 77,5 | 110 | A1  | 172 | 200 | 162  | 13    | P  | 130   | 165 | M10 | 3   | 74   | 2                           | 250   | 25     | 30 | 62   | F1 | 170 | 230 | Ø260 | 131 | 13 x8  |
|        |    |     |    |    |      |     | F2  | 180 | 215 | Ø250 | 150   |    | 15 x4 |     |     |     |      |                             |       |        |    |      |    |     |     |      |     |        |
| SITI   | MI | 130 | 48 |    | 95   | 130 | A   | 200 | 240 | 190  | 15    | FP | 180   | 215 | M12 | 2   | 86   | 2                           | 300   | 16 s/b | 30 | 75   | F  | 230 | 265 | Ø300 | 150 | 15 x4  |
|        |    |     |    |    |      |     | FBR | 230 | 265 | Ø300 | 137,5 |    | 15 x4 |     |     |     |      |                             |       |        |    |      |    |     |     |      |     |        |
| TRAMEC | KC | 130 | 45 | 48 | 85   | 130 | A1  | 200 | 235 | 190  | 15    | P  | 180   | 215 | M12 | 3   | 81   | 2                           | 250   | 25     | 30 | 69   | F2 | 230 | 265 | Ø300 | 140 | 16 x8* |
|        |    |     |    |    |      |     |     |     |     |      |       |    |       |     |     |     |      | * Foratura ruotata di 22,5° |       |        |    |      |    |     |     |      |     |        |

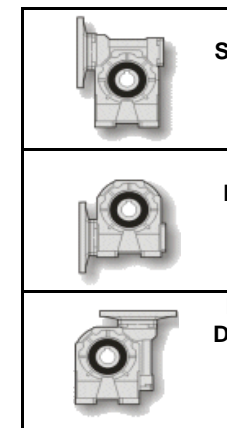
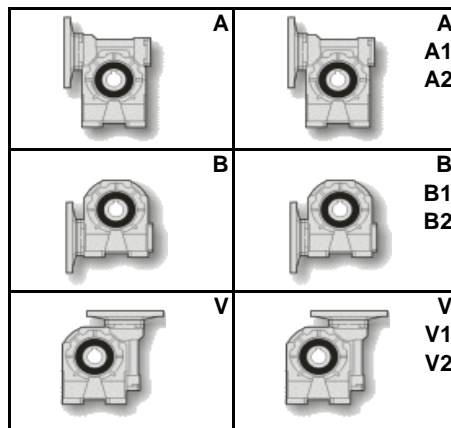
# Comparazione VSF "Tondi"

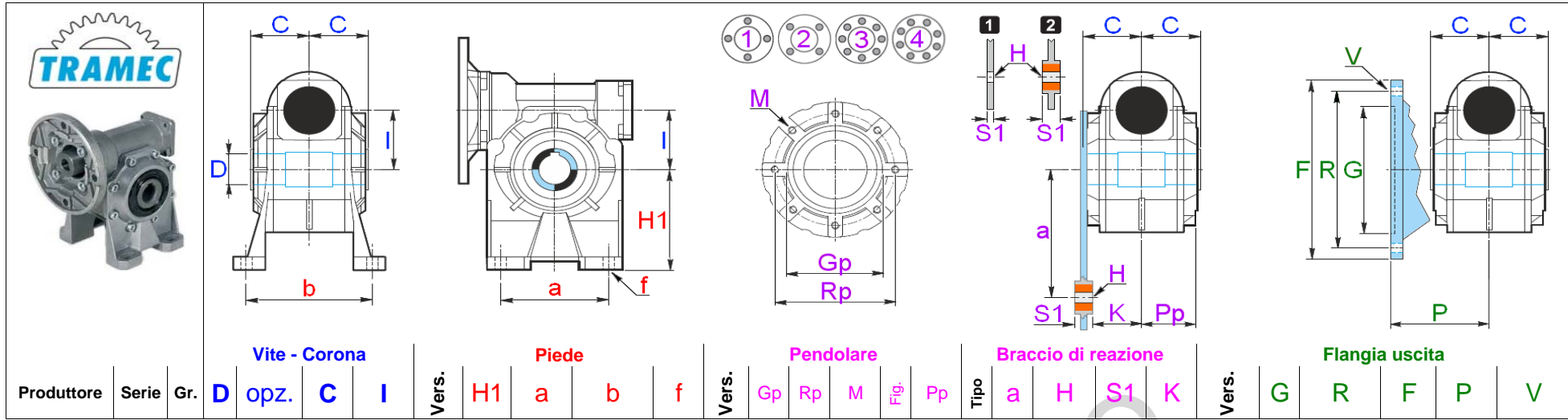
## TRAMEC

## STM



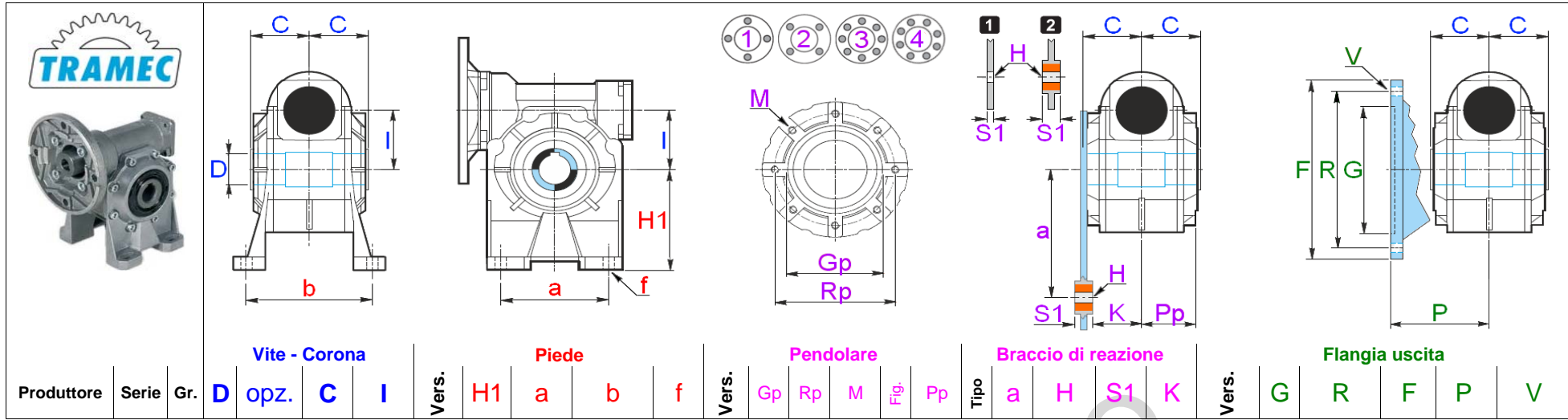
### Tabella ORIENTAMENTO Piedi





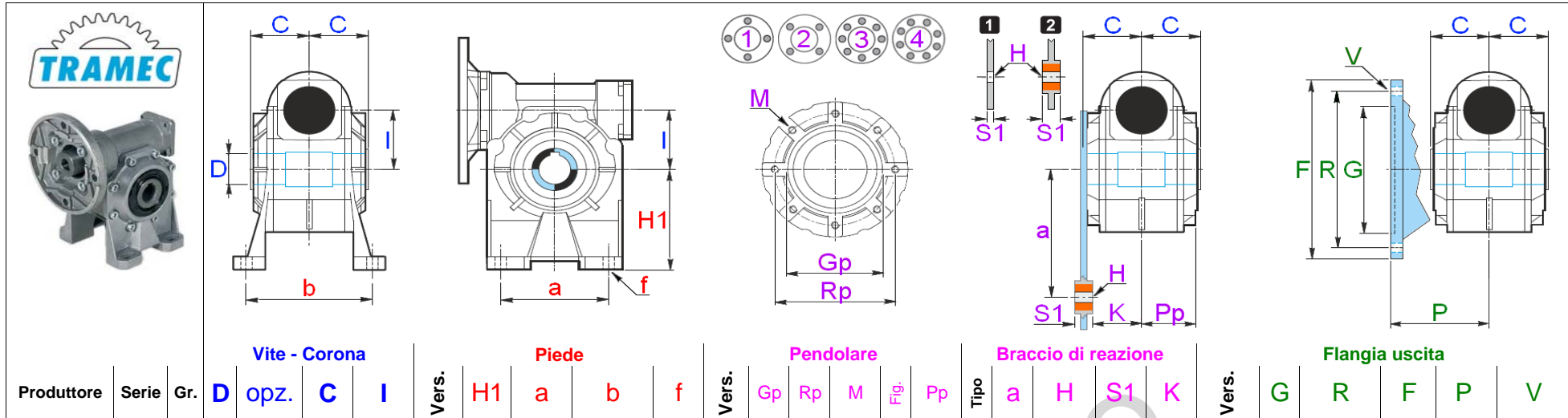
|        |     |    |    |    |      |      |    |       |       |     |      |      |        |    |    |     |    |        |    |   |    |    |    |    |       |     |      |        |
|--------|-----|----|----|----|------|------|----|-------|-------|-----|------|------|--------|----|----|-----|----|--------|----|---|----|----|----|----|-------|-----|------|--------|
| STM    | RMI | 28 | 14 | 30 | 28   | S    | 52 | 52    | 60÷68 | 5,5 | P    | 42   | 56     | M6 | 1  | 36  | 1  | 70     | 9  | 4 | 36 | FL | 40 | 56 | Ø70   | 49  | 6 x4 |        |
|        |     |    |    |    |      | F1   | 50 | 62÷68 | Ø80   | 53  |      | 6 x4 | F2     | 70 | 85 | Ø95 | 72 | 6,5 x4 |    |   |    |    |    |    |       |     |      |        |
| TRAMEC | SFK | 30 | 14 | -  | 31,5 | 31,5 | A  | 52    | 40÷52 | 66  | 6,5  | P    | 42     | 56 | M6 | 1   | 36 | 1      | 70 | 9 | 4  | 36 | F  | 40 | 56÷60 | Ø71 | 50,5 | 6,5 x4 |
|        |     |    |    |    |      |      | F1 | 50    | 68    | Q66 | 54,5 |      | 6,5 x4 |    |    |     |    |        |    |   |    |    |    |    |       |     |      |        |
| TRAMEC | KC  | 30 | 14 | -  | 31,5 | 31,5 | A1 | 52    | 40÷52 | 66  | 6,5  | P    | 55     | 65 | M6 | 1   | 29 | 2      | 85 | 8 | 14 | 24 | F1 | 50 | 68    | Q66 | 54,5 | 6,5 x4 |

|        |     |    |    |                          |    |    |    |    |    |       |     |    |    |    |    |    |    |      |       |      |      |      |      |    |      |       |        |        |
|--------|-----|----|----|--------------------------|----|----|----|----|----|-------|-----|----|----|----|----|----|----|------|-------|------|------|------|------|----|------|-------|--------|--------|
| STM    | RMI | 40 | 19 | 18                       | 41 | 40 | S  | 71 | 70 | 81÷87 | 7   | PP | 60 | 83 | M6 | 2  | 38 | 1    | 90    | 10   | 4    | 38   | FL   | 95 | 115  | Ø140  | 82     | 8,5 x4 |
|        |     |    |    |                          |    |    | S1 | 72 | 52 | 81    | 8,5 |    |    |    |    |    |    | 2    | 15    | 32,5 | F1   | 60   |      | 87 | Ø106 | 69    | 8,5 x4 | F2     |
| TRAMEC | SFK | 40 | 19 | 18<br>interpella<br>teci | 41 | 40 | A  | 71 | 70 | 80÷88 | 7   | P  | 60 | 83 | M6 | 2  | 38 | 1    | 90    | 10   |      | 4    | 38   | F  | 95   | 115   | Ø140   | 82     |
|        |     |    |    |                          |    |    | 2  | 8  | 14 | 33    | F1  |    |    |    |    |    |    | 60   | 75÷90 | Q85  | 68,5 | 9 x4 |      |    |      |       |        |        |
| TRAMEC | KC  | 40 | 18 | 19                       | 39 | 40 | A1 | 71 | 70 | 84    |     | 7  | P  | 60 | 75 | M6 | 2  | 36,5 | 2     | 100  | 10   | 14   | 31,5 | F1 | 60   | 75÷90 | Q85    | 67     |
|        |     |    |    |                          |    |    | A2 | 72 | 52 | 81    | 8,5 | F3 |    |    |    |    |    |      |       |      |      |      |      |    | 95   | 115   | Ø140   | 80     |

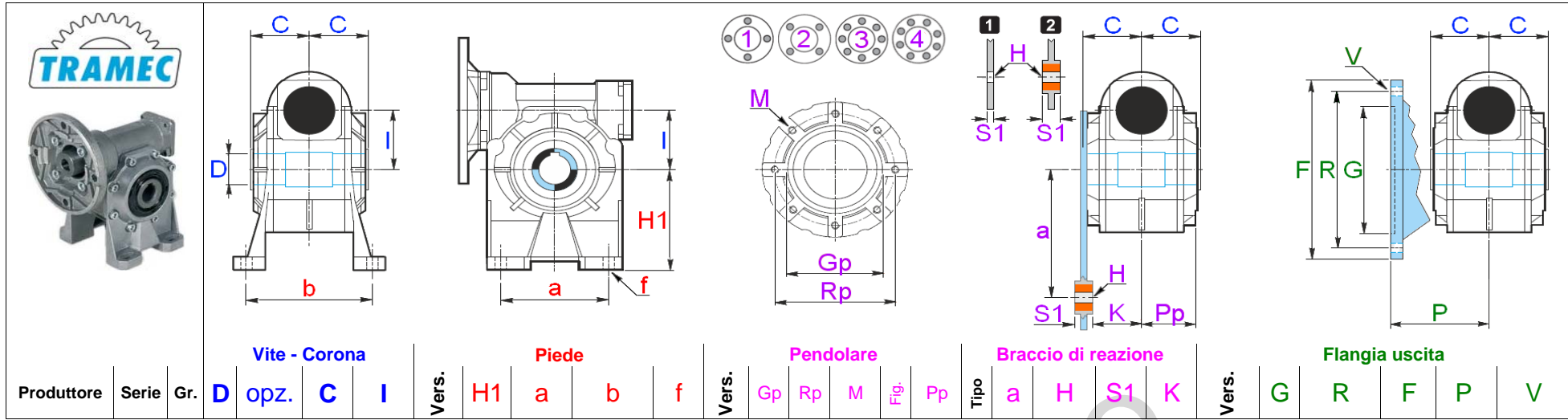


| Produttore | Serie | Gr. | Vite - Corona |      |   |   | Piede |    |   |   | Pendolare |       |    |    | Braccio di reazione |                 |    |      | Flangia uscita |   |    |   |       |   |   |   |   |   |
|------------|-------|-----|---------------|------|---|---|-------|----|---|---|-----------|-------|----|----|---------------------|-----------------|----|------|----------------|---|----|---|-------|---|---|---|---|---|
|            |       |     | D             | opz. | C | I | Vers. | H1 | a | b | f         | Vers. | Gp | Rp | M                   | $\frac{Gp}{Rp}$ | Pp | Tipo | a              | H | S1 | K | Vers. | G | R | F | P | V |

|        |     |    |    |                          |    |    |    |    |       |        |   |    |    |    |    |   |      |   |     |    |    |      |    |     |        |      |      |       |
|--------|-----|----|----|--------------------------|----|----|----|----|-------|--------|---|----|----|----|----|---|------|---|-----|----|----|------|----|-----|--------|------|------|-------|
| STM    | RMI | 50 | 24 | 25                       | 49 | 50 | S  | 85 | 85    | 96÷102 | 9 | PP | 70 | 85 | M8 | 2 | 49   | 1 | 100 | 10 | 4  | 49   | FL | 110 | 130    | Ø160 | 91,5 | 10 x4 |
|        |     |    |    |                          |    |    | S1 | 82 | 63    | 98,5   | 9 |    |    |    |    |   |      | 2 |     |    | 15 | 43,5 |    |     |        |      |      |       |
| TRAMEC | SFK | 50 | 24 | 25<br>interpella<br>teci | 49 | 50 | A  | 85 | 85    | 96÷102 | 9 | P  | 70 | 85 | M8 | 3 | 46   | 1 | 100 | 10 | 4  | 46   | F  | 110 | 130    | Ø160 | 92   | 11 x7 |
|        |     |    |    |                          |    |    | S1 | 82 | 63    | 98,5   | 9 |    |    |    |    |   |      | 2 |     |    | 14 | 40,5 |    |     |        |      |      |       |
| TRAMEC | KC  | 50 | 25 | 24                       | 46 | 50 | A1 | 85 | 63÷85 | 99     | 9 | P  | 70 | 85 | M8 | 2 | 43,5 | 2 | 100 | 10 | 14 | 39   | F1 | 70  | 85÷100 | Q94  | 90   | 11 x4 |
|        |     |    |    |                          |    |    | A2 | 82 | 63÷85 | 99     | 9 |    |    |    |    |   |      | 2 |     |    | 14 | 39   |    |     |        |      |      |       |

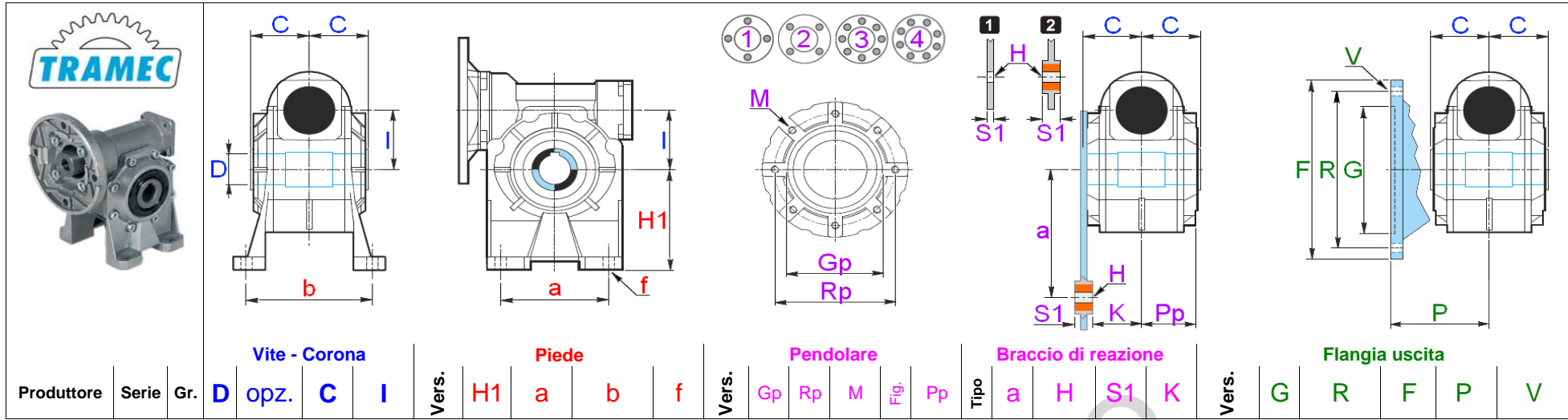


| STM    | RMI | 63 | 25 |   | 60 | 63 | S | 100 | 95 | 111÷116 | 11 | PP | 70 | 85 | M8 | 2 | 57,5 | 1 | 150 | 10 | 6  | 57,5 | FL   | 115 | 150 | Ø180 | 116  | 11 x4 |       |
|--------|-----|----|----|---|----|----|---|-----|----|---------|----|----|----|----|----|---|------|---|-----|----|----|------|------|-----|-----|------|------|-------|-------|
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      | 2 |     |    | 20 | 49,5 | F1   | 115 | 150 | Ø175 | 86   | 11 x4 |       |
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      |   |     |    |    |      | F2   | 130 | 165 | Ø200 | 102  | 13 x4 |       |
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      |   |     |    |    |      | F3   | 110 | 130 | Ø160 | 82   | 10 x4 |       |
| TRAMEC | SFK | 63 | 25 | - | 60 | 63 | A | 100 | 95 | 111     | 11 | P  | 70 | 85 | M8 | 3 | 57,5 | 1 | 150 | 10 | 6  | 57,5 | F    | 115 | 150 | Ø180 | 116  | 11 x8 |       |
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      | 2 |     |    |    | 20   | 50,5 | F1  | 115 | 150  | Ø180 | 86    | 11 x7 |
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      |   |     |    |    |      | F2   | 130 | 165 | Ø200 | 102  | 13 x4 |       |
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      |   |     |    |    |      | F3   | 110 | 130 | Ø160 | 82   | 11 x4 |       |
| TRAMEC | KC  | 63 | 25 | - | 56 | 63 | A | 100 | 95 | 111     | 11 | P  | 80 | 95 | M8 | 3 | 53   | 2 | 150 | 10 | 14 | 49   | F1   | 115 | 150 | Q142 | 82   | 11 x4 |       |
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      |   |     |    |    |      | F2   | 115 | 150 | Q142 | 112  | 11 x4 |       |
|        |     |    |    |   |    |    |   |     |    |         |    |    |    |    |    |   |      |   |     |    |    |      | F3   | 110 | 130 | Ø160 | 80,5 | 11 x4 |       |

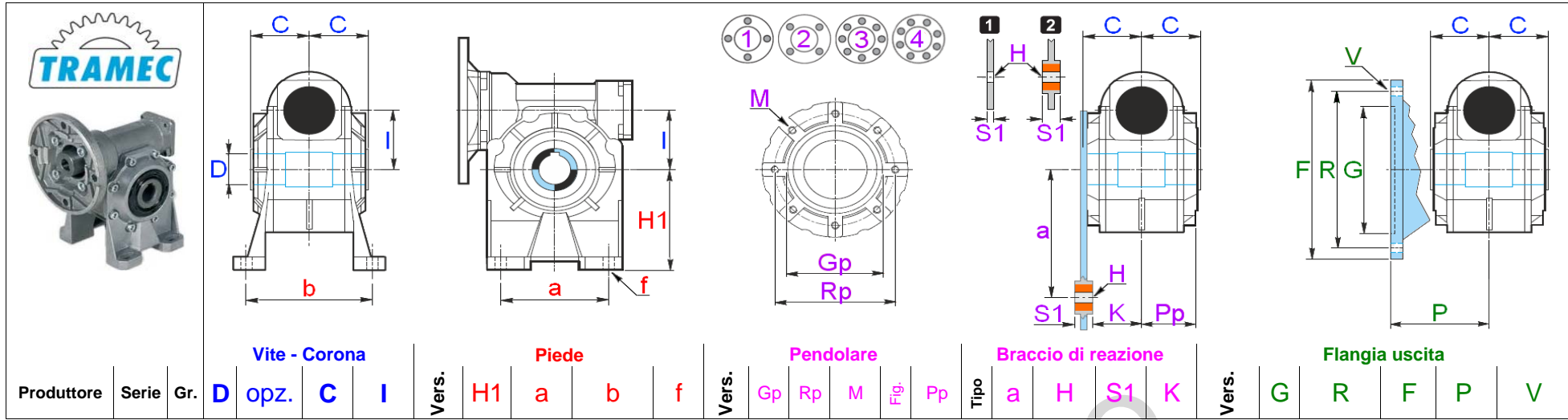


| Prodotto | Serie | Gr. | D  | opz. | C  | I  | Vers. | H1  | a   | b       | f  | Vers. | Gp | Rp | M | 1 | 2   | a   | H  | S1   | K  | Vers. | G  | R   | F   | P    | V   |       |
|----------|-------|-----|----|------|----|----|-------|-----|-----|---------|----|-------|----|----|---|---|-----|-----|----|------|----|-------|----|-----|-----|------|-----|-------|
| STM      | RMI   | 70  | 28 |      | 60 | 70 | S     | 115 | 120 | 108÷118 | 11 |       |    |    |   |   |     |     |    |      |    |       |    |     |     |      |     |       |
|          |       |     |    |      |    |    | PP    |     | 80  | 100     | M8 | 2     | 57 |    |   | 1 | 2   | 150 | 10 | 6    | 57 |       |    |     |     |      |     |       |
|          |       |     |    |      |    |    |       |     |     |         |    |       |    |    |   |   |     |     |    |      |    |       | FL | 130 | 165 | Ø200 | 111 | 13 x4 |
|          |       |     |    |      |    |    |       |     |     |         |    |       |    |    |   |   |     |     |    |      |    |       | F1 | 115 | 150 | Ø175 | 116 | 11 x4 |
|          |       |     |    |      |    |    |       |     |     |         |    |       |    |    |   |   |     |     |    |      |    |       | F2 | 115 | 150 | Ø175 | 85  | 11 x4 |
|          |       |     |    |      |    |    |       |     |     |         |    |       |    |    |   |   |     |     |    |      |    |       | F3 | 110 | 130 | Ø160 | 101 | 11 x4 |
| TRAMEC   | SFK   | 75  | 28 | 30   | 60 | 75 | A     | 115 | 120 | 112÷120 | 11 |       |    |    |   |   |     |     |    |      |    |       | F  | 130 | 165 | Ø200 | 111 | 13 x7 |
|          |       |     |    |      |    |    | P     |     | 80  | 100     | M8 | 3     | 57 |    |   | 2 | 150 | 10  | 20 | 50   |    |       | F2 | 115 | 150 | Ø175 | 116 | 11 x4 |
|          |       |     |    |      |    |    |       |     |     |         |    |       |    |    |   |   |     |     |    |      |    |       | F3 | 115 | 150 | Ø175 | 85  | 11 x4 |
|          |       |     |    |      |    |    |       |     |     |         |    |       |    |    |   |   |     |     |    |      |    |       | F4 | 110 | 130 | Ø160 | 101 | 11 x4 |
| TRAMEC   | KC    | 75  | 28 | 30   | 60 | 75 | A     | 115 | 120 | 115     | 11 |       |    |    |   |   |     |     |    |      |    |       | F1 | 130 | 165 | Q160 | 111 | 13 x4 |
|          |       |     |    |      |    |    | P     |     | 95  | 115     | M8 | 3     | 57 |    |   | 2 | 200 | 20  | 25 | 47,5 |    |       | F2 | 110 | 130 | Ø160 | 90  | 11 x4 |





|        |     |    |    |    |    |    |           |     |     |     |    |   |     |     |     |   |      |   |     |    |    |      |    |     |         |      |     |       |
|--------|-----|----|----|----|----|----|-----------|-----|-----|-----|----|---|-----|-----|-----|---|------|---|-----|----|----|------|----|-----|---------|------|-----|-------|
| STM    | RMI | 85 | 32 | 35 | 61 | 85 | <b>S</b>  | 135 | 140 | 140 | 13 | P | 110 | 130 | M10 | 3 | 56,5 | 1 | 200 | 20 | 6  | 56,5 | FL | 130 | 165÷176 | Ø200 | 100 | 13 x4 |
|        |     |    |    |    |    |    | <b>S1</b> | 142 | 140 | 146 | 11 |   |     |     |     |   |      | 2 |     |    |    |      |    |     |         |      |     |       |
| TRAMEC | KC  | 90 | 35 | -  | 70 | 90 | <b>A1</b> | 135 | 140 | 140 | 13 | P | 110 | 130 | M10 | 3 | 67   | 2 | 200 | 20 | 25 | 57,5 | F1 | 152 | 175     | Ø200 | 111 | 13 x4 |
|        |     |    |    |    |    |    | <b>A2</b> | 142 | 140 | 146 | 11 |   |     |     |     |   |      |   |     |    |    |      |    |     |         |      |     |       |





| Produttore | Serie | Gr. | D  | opz. | C    | I   | Vers. | H1  | a   | b   | f  | Vers. | Gp  | Rp  | M   | g | Pp | Tipo | a   | H  | S1 | K    | Vers. | G   | R   | F    | P    | V     |
|------------|-------|-----|----|------|------|-----|-------|-----|-----|-----|----|-------|-----|-----|-----|---|----|------|-----|----|----|------|-------|-----|-----|------|------|-------|
| STM        | RMI   | 110 | 42 |      | 77,5 | 110 | S     | 172 | 200 | 162 | 14 | P     | 130 | 165 | M12 | 3 | 74 | 1    | 250 | 20 | 6  | 74   | F1    | 180 | 215 | Ø250 | 150  | 15 x4 |
|            |       |     |    |      |      |     | S1    | 170 | 200 | 181 | 14 |       |     |     |     |   |    | 2    |     |    | 25 | 64,5 |       | F2  | 130 | 165  | Ø200 | 115   |
| TRAMEC     | KC    | 110 | 42 | -    | 77,5 | 110 | A1    | 172 | 200 | 162 | 13 | P     | 130 | 165 | M10 | 3 | 74 | 2    | 250 | 25 | 30 | 62   | F1    | 170 | 230 | Ø260 | 131  | 13 x8 |
|            |       |     |    |      |      |     | A2    | 170 | 200 | 181 | 13 |       |     |     |     |   |    |      |     |    |    |      |       | F2  | 180 | 215  | Ø250 | 150   |

|        |     |     |    |    |    |     |    |     |     |     |    |    |     |     |     |    |    |                             |     |     |      |     |        |     |     |      |      |       |
|--------|-----|-----|----|----|----|-----|----|-----|-----|-----|----|----|-----|-----|-----|----|----|-----------------------------|-----|-----|------|-----|--------|-----|-----|------|------|-------|
| STM    | RMI | 130 | 48 |    | 90 | 130 | S  | 200 | 235 | 190 | 15 | P  | 180 | 215 | M12 | 3  | 87 | 1                           | 300 | 25  | 6    | 87  | FL     | 230 | 265 | Ø300 | 150  | 15 x4 |
|        |     |     |    |    |    |     | A1 | 200 | 235 | 190 | 15 |    |     |     |     |    |    | 2                           |     |     | 30   | 75  |        | F2  | 230 | 265  | Ø300 | 140   |
| TRAMEC | KC  | 130 | 45 | 48 | 85 | 130 | P  | 180 | 215 | M12 | 3  | 81 | 2   | 250 | 25  | 30 | 69 | * Foratura ruotata di 22,5° |     |     |      |     |        |     |     |      |      |       |
|        |     |     |    |    |    |     |    |     |     |     |    |    |     |     |     |    |    | F2                          | 230 | 265 | Ø300 | 140 | 16 x8* |     |     |      |      |       |

# Comparazione VSF "Tondi"

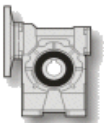
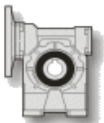
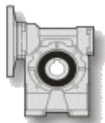
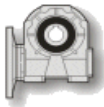
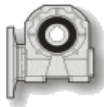
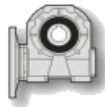


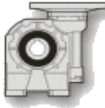
## TRAMEC

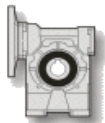
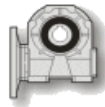
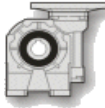
## VARVEL

|   |   |   |
|---|---|---|
| <b>TRAMEC</b>   | <b>TRAMEC</b>   | <b>TRAMEC</b>   |
| <b>BFK</b>  | <b>SFK</b>  | <b>KC</b>   |
| <b>30÷75</b>  | <b>30÷75</b>  | <b>30÷130</b>   |
|  |  |  |

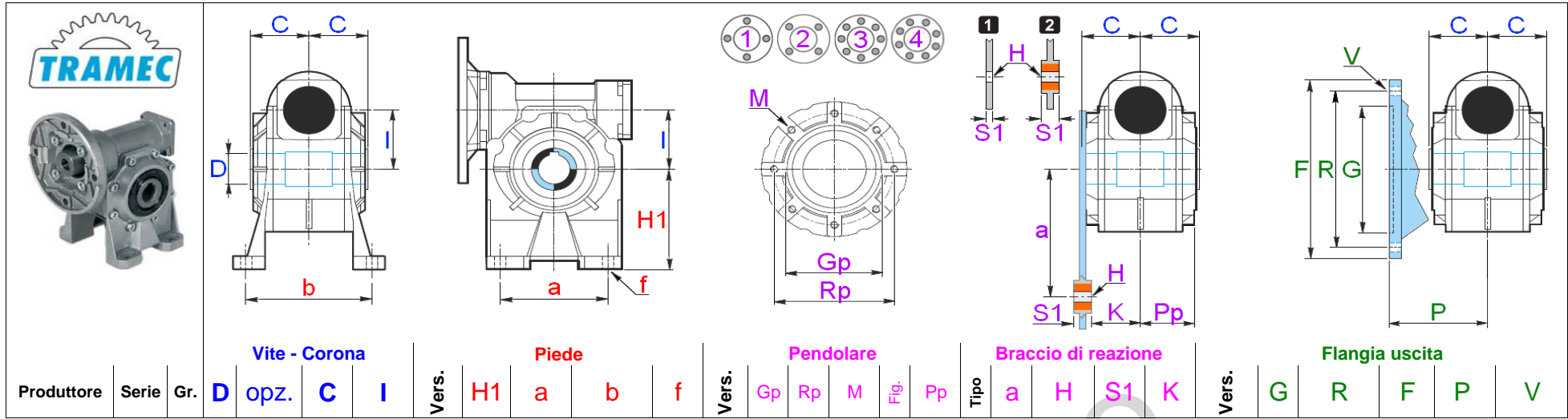
|   |
|---|
| <b>VARVEL</b>   |
| <b>FRS</b>  |
| <b>28÷150</b>   |
|  |

### Tabella ORIENTAMENTO Piedi

|   |   |   |
|---|---|---|
|  A |  A |  A<br>A1<br>A2 |
|  B |  B |  B<br>B1<br>B2 |
|  V |  V |  V<br>V1<br>V2 |

|   |
|---|
|  S<br>SA |
|  I<br>IA |
|  D<br>DA |





|        |     |    |    |                          |    |    |     |    |    |       |     |    |    |    |    |   |      |    |                                  |      |    |      |    |    |       |      |    |      |    |    |     |       |     |      |      |
|--------|-----|----|----|--------------------------|----|----|-----|----|----|-------|-----|----|----|----|----|---|------|----|----------------------------------|------|----|------|----|----|-------|------|----|------|----|----|-----|-------|-----|------|------|
| VARVEL | FRS | 40 | 19 | 18                       | 41 | 40 | S   | 71 | 70 | 84    | 7   | PC | 60 | 83 | M6 | 2 | 38   | 1  | 90                               | 10,5 | 4  | 38   | FL | 95 | 115   | Ø140 | 82 | 9 x4 |    |    |     |       |     |      |      |
|        |     |    |    |                          |    |    | SA  | 72 | 52 | 81    | 8,5 |    |    |    |    |   |      | 2  | 90                               | 10   | 15 | 32,5 |    |    |       |      |    |      | FA | 60 | 87  | Ø114  | 69  | 9 x4 |      |
|        |     |    |    |                          |    |    | PA  | 50 | 65 | M6    | 2   |    |    |    |    |   |      | 38 | Varvel NON forn. BR su qst Vers. |      |    |      |    |    |       |      |    |      | FB | 80 | 100 | Ø120  | 62  | 9 x4 |      |
| TRAMEC | SFK | 40 | 19 | 18<br>interpella<br>teci | 41 | 40 | A   | 71 | 70 | 80-88 | 7   | P  | 60 | 83 | M6 | 2 | 38   | 1  | 90                               | 10   | 4  | 38   | F  | 95 | 115   | Ø140 | 82 | 9 x4 |    |    |     |       |     |      |      |
|        |     |    |    |                          |    |    | FP2 | 50 | 65 | M6    | 2   |    |    |    |    |   |      | 38 | 2                                | 100  | 8  | 14   |    |    |       |      |    |      | 33 | F1 | 60  | 75-90 | Q85 | 68,5 | 9 x4 |
|        |     |    |    |                          |    |    |     |    |    |       |     |    |    |    |    |   |      |    | (BFK 40)                         |      |    |      |    |    |       |      |    |      |    |    |     |       |     |      |      |
| TRAMEC | KC  | 40 | 18 | 19                       | 39 | 40 | A1  | 71 | 70 | 84    | 7   | P  | 60 | 75 | M6 | 2 | 36,5 | 2  | 100                              | 10   | 14 | 31,5 | F1 | 60 | 75-90 | Q85  | 67 | 9 x4 |    |    |     |       |     |      |      |
|        |     |    |    |                          |    |    | A2  | 72 | 52 | 81    | 8,5 |    |    |    |    |   |      |    |                                  |      |    |      |    |    |       |      |    |      | F3 | 95 | 115 | Ø140  | 80  | 9 x7 |      |
|        |     |    |    |                          |    |    |     |    |    |       |     |    |    |    |    |   |      |    |                                  |      |    |      |    |    |       |      |    |      |    |    |     |       |     |      |      |











































































