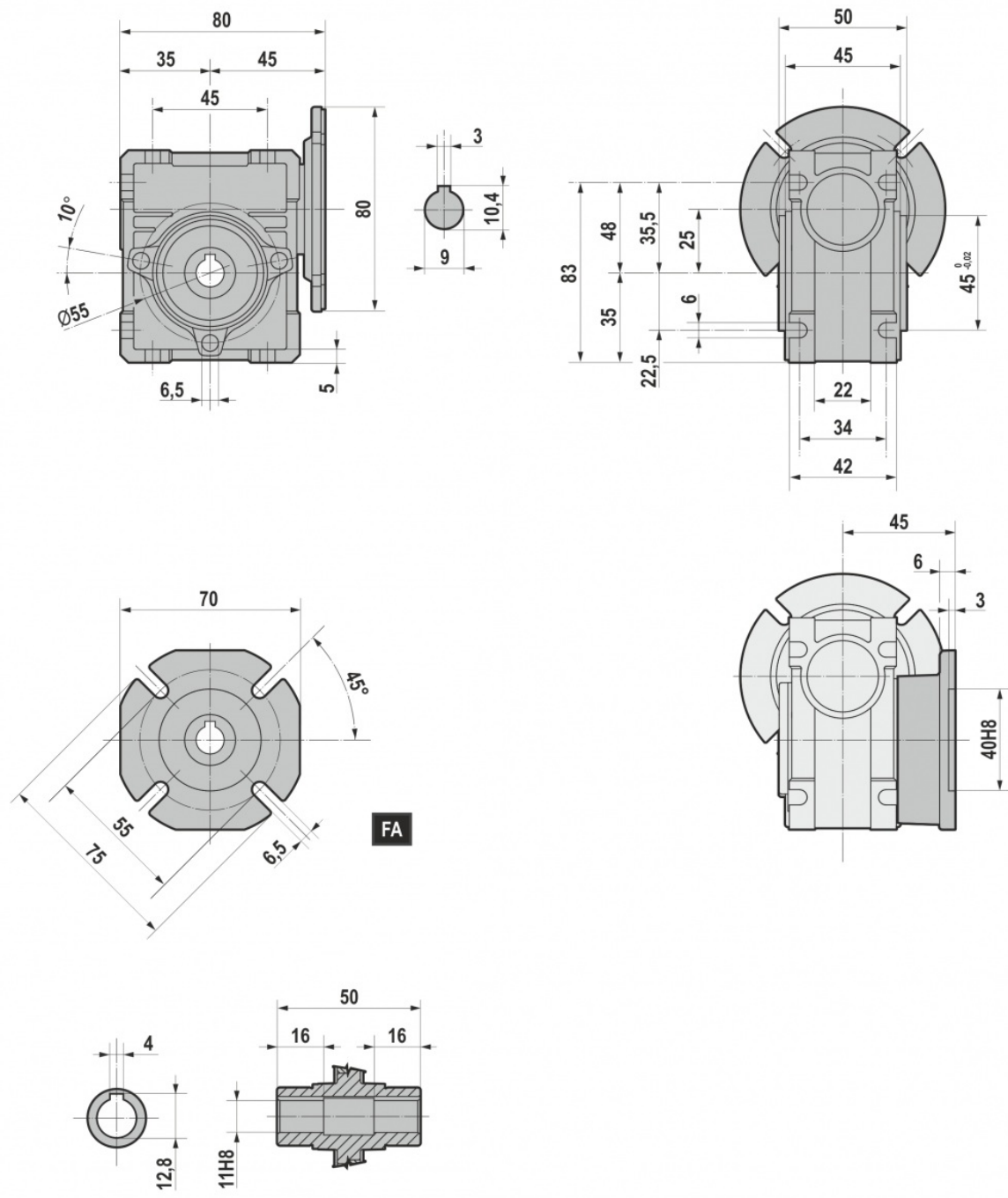
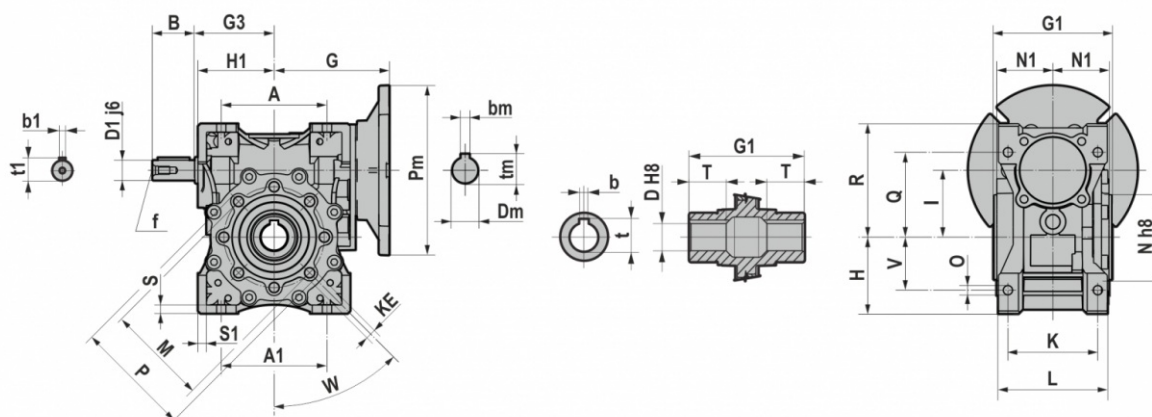


1. NMRV 025



## 2. NMRV 030-150



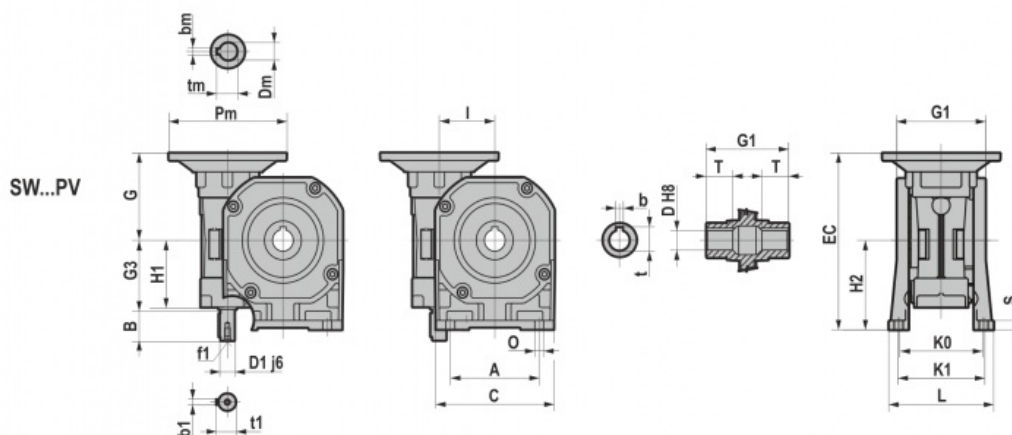
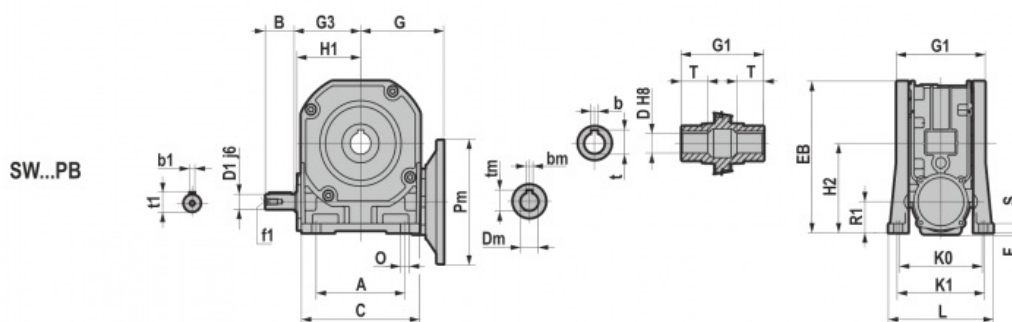
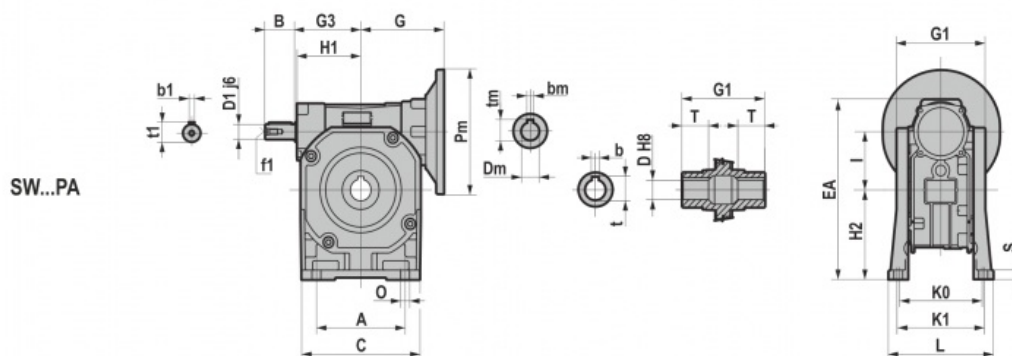
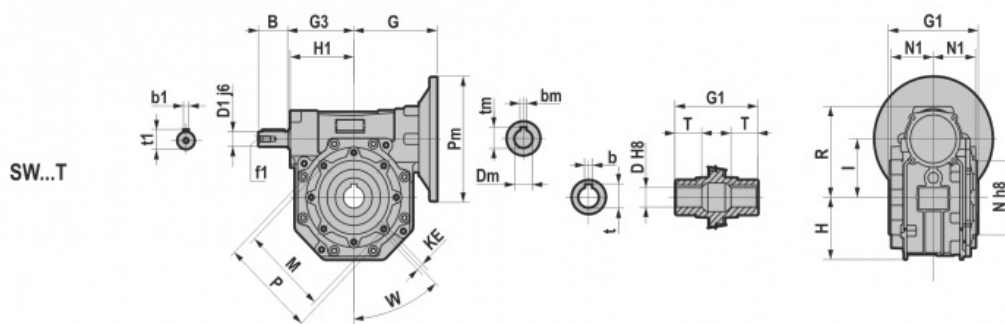
|              | 030   | 040   | 050   | 063   | 075     | 090    | 110                                  | 130    | 150    |
|--------------|-------|-------|-------|-------|---------|--------|--------------------------------------|--------|--------|
| <b>A</b>     | 54    | 70    | 80    | 100   | 120     | 140    | 170                                  | 200    | 240    |
| <b>A1</b>    | 54    | 70    | 80    | 100   | 120     | 140    | 164 - 170                            | 200    | 240    |
| <b>B</b>     | 20    | 23    | 30    | 40    | 50      | 50     | 60                                   | 80     | 80     |
| <b>D1 i6</b> | 9     | 11    | 14    | 19    | 24      | 24     | 28                                   | 30     | 35     |
| <b>G</b>     | 55    | 70    | 80    | 109   | 126,5   | 145    | 185,5 (PAM 132)<br>168 (PAM 080/112) | 180    | 210    |
| <b>G1</b>    | 63    | 78    | 92    | 112   | 120     | 140    | 155                                  | 170    | 200    |
| <b>G3</b>    | 45    | 53    | 64    | 75    | 90      | 108    | 135                                  | 155    | 175    |
| <b>H</b>     | 40    | 50    | 60    | 72    | 86      | 103    | 127,5                                | 147,5  | 170    |
| <b>H1</b>    | 40    | 50    | 60    | 72    | 89      | 103    | 127,5                                | 147,5  | 170    |
| <b>I</b>     | 30    | 40    | 50    | 63    | 75      | 90     | 110                                  | 130    | 150    |
| <b>K</b>     | 44    | 60    | 70    | 85    | 90 - 95 | 100    | 115                                  | 120    | 145    |
| <b>KE</b>    | M6*11 | M6*11 | M8*10 | M8*14 | M8*14   | M10*18 | M10*18                               | M12*21 | M12*21 |
| <b>L</b>     | 56    | 71    | 85    | 103   | 112     | 130    | 144                                  | 155    | 185    |
| <b>M</b>     | 65    | 75    | 85    | 95    | 115     | 130    | 165                                  | 215    | 215    |
| <b>N</b>     | 55    | 60    | 70    | 80    | 95      | 110    | 130                                  | 180    | 180    |
| <b>N1</b>    | 29    | 36,5  | 43,5  | 53    | 57      | 67     | 74                                   | 81     | 96     |
| <b>O</b>     | 6,5   | 6,5   | 8,5   | 8,5   | 11      | 13     | 14                                   | 16     | 18     |
| <b>P</b>     | 75    | 87    | 100   | 110   | 131     | 160    | 200                                  | 250    | 250    |
| <b>Q</b>     | 44    | 55    | 64    | 80    | 93      | 102    | 125                                  | 140    | 180    |
| <b>R</b>     | 57    | 71,5  | 84    | 107   | 123     | 144    | 167,5                                | 187,5  | 230    |
| <b>S</b>     | 5,5   | 6,5   | 7     | 8     | 10      | 11     | 14,5                                 | 15,5   | 18     |
| <b>S1</b>    | 5,5   | 6,5   | 7     | 8     | 13      | 11     | 14,5                                 | 15,5   | 18     |
| <b>V</b>     | 27    | 35    | 40    | 50    | 60      | 70     | 82 - 85                              | 100    | 120    |
| <b>W</b>     | 0     | 45    | 45    | 45    | 45      | 45     | 45                                   | 45     | 45     |
| <b>b1</b>    | 3     | 4     | 5     | 6     | 8       | 8      | 8                                    | 8      | 10     |
| <b>t1</b>    | 10,2  | 12,5  | 16    | 21,5  | 27      | 27     | 31                                   | 33     | 38     |
| <b>f1</b>    | -     | -     | M6    | M6    | M8      | M8     | M10                                  | M10    | M12    |

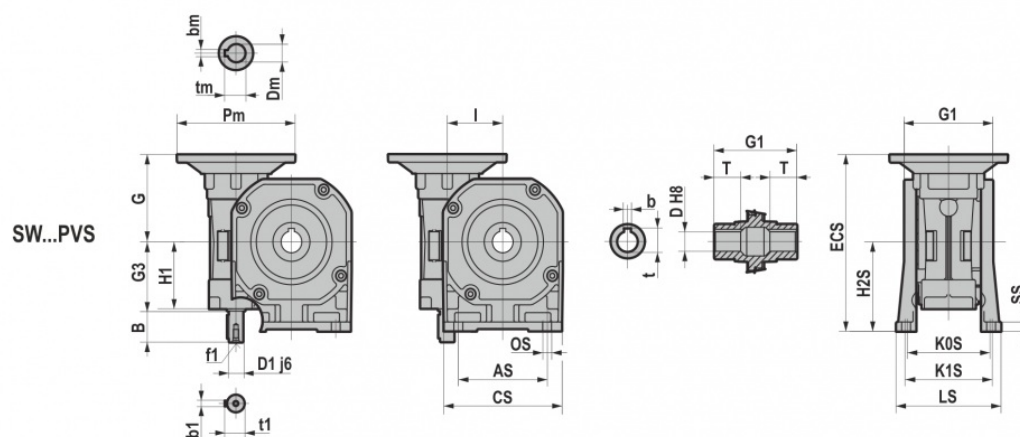
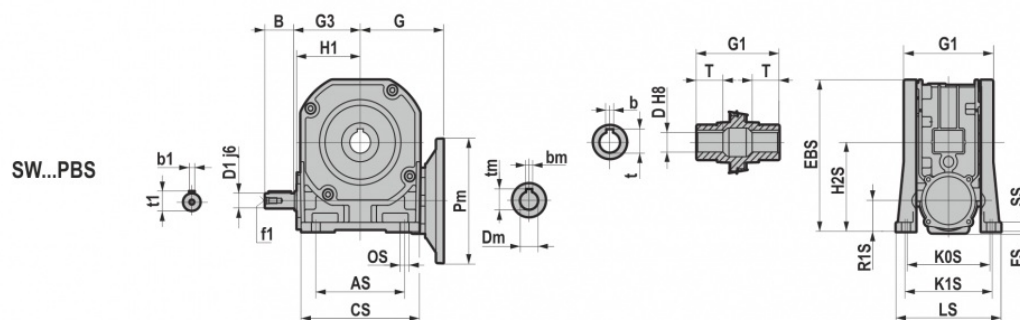
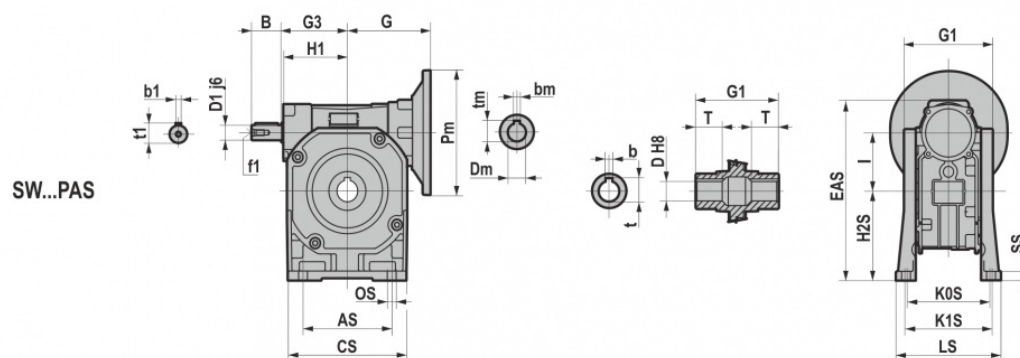
|            | D H8 | b  | t    | T    |
|------------|------|----|------|------|
| <b>030</b> | 14   | 5  | 16,3 | 21   |
| <b>040</b> | 18   | 6  | 20,8 | 26   |
|            | 19   | 6  | 21,8 | 26   |
| <b>050</b> | 25   | 8  | 28,3 | 30   |
|            | 24   | 8  | 27,3 | 30   |
| <b>063</b> | 25   | 8  | 28,3 | 36   |
|            | 28   | 8  | 31,3 | 36   |
| <b>075</b> | 28   | 8  | 31,3 | 40   |
|            | 30   | 8  | 33,3 | 40   |
|            | 32   | 10 | 35,3 | 40   |
| <b>090</b> | 35   | 10 | 38,3 | 40   |
|            | 35   | 10 | 38,3 | 45   |
|            | 38   | 10 | 41,3 | 45   |
| <b>110</b> | 40   | 12 | 43,3 | 45   |
|            | 42   | 12 | 45,3 | 50   |
| <b>130</b> | 45   | 14 | 48,8 | 60   |
| <b>150</b> | 50   | 14 | 53,8 | 72,5 |

| B5         | Pm  | Dm | bm | tm   |
|------------|-----|----|----|------|
| <b>063</b> | 140 | 11 | 4  | 12,8 |
| <b>071</b> | 160 | 14 | 5  | 16,3 |
| <b>080</b> | 200 | 19 | 6  | 21,8 |
| <b>090</b> | 200 | 24 | 8  | 27,3 |
| <b>100</b> | 250 | 28 | 8  | 31,3 |
| <b>112</b> | 250 | 28 | 8  | 31,3 |
| <b>132</b> | 300 | 38 | 10 | 41,3 |
| <b>160</b> | 350 | 42 | 12 | 45,3 |

| B14        | Pm  | Dm | bm | tm   |
|------------|-----|----|----|------|
| <b>056</b> | 80  | 09 | 3  | 10,4 |
| <b>063</b> | 90  | 11 | 4  | 12,8 |
| <b>071</b> | 105 | 14 | 5  | 16,3 |
| <b>080</b> | 120 | 19 | 6  | 21,8 |
| <b>090</b> | 140 | 24 | 8  | 27,3 |
| <b>100</b> | 160 | 28 | 8  | 31,3 |
| <b>112</b> | 160 | 28 | 8  | 31,3 |

## 3. SW





## REDUCERS/GEARED MOTORS

## TECHNICAL CATALOGUE

|                                                               |          | 030   | 040   | 050   | 063   | 075   | 090    | 105    |
|---------------------------------------------------------------|----------|-------|-------|-------|-------|-------|--------|--------|
| ...T<br>...PA<br>...PB<br>...PV<br>...PAS<br>...PBS<br>...PVS | G        | 55    | 70    | 80    | 95    | 112,5 | 129,5  | 160    |
|                                                               | G1       | 63    | 78    | 92    | 112   | 120   | 140    | 155    |
|                                                               | G3       | 45    | 53    | 64    | 75    | 90    | 108    | 135    |
|                                                               | H        | 37,5  | 42    | 52    | 66    | 80    | 97     | 115    |
|                                                               | H1       | 40    | 50    | 60    | 72    | 86    | 103    | 127,5  |
|                                                               | I        | 30    | 40    | 50    | 63    | 75    | 90     | 110    |
|                                                               | KE       | M6*11 | M6*11 | M8*10 | M8*14 | M8*14 | M10*18 | M10*18 |
|                                                               | M        | 65    | 75    | 85    | 95    | 115   | 130    | 165    |
|                                                               | N        | 55    | 60    | 70    | 80    | 95    | 110    | 130    |
|                                                               | N1       | 29    | 36,5  | 43,5  | 53    | 57    | 67     | 74     |
|                                                               | P        | 75    | 87    | 97,6  | 110   | 130   | 148    | 200    |
|                                                               | R        | 57    | 70    | 84    | 102   | 117   | 133    | 166    |
|                                                               | W        | 90    | 45    | 45    | 45    | 45    | 45     | 45     |
|                                                               | B        | 20    | 23    | 30    | 40    | 50    | 50     | 60     |
|                                                               | D1<br>j6 | 9     | 11    | 14    | 19    | 24    | 24     | 28     |
|                                                               | b1       | 3     | 4     | 5     | 6     | 8     | 8      | 8      |
|                                                               | t1       | 10,2  | 12,5  | 16    | 21,5  | 27    | 27     | 27     |
|                                                               | f1       | /     | /     | M6    | M6    | M8    | M8     | M10    |

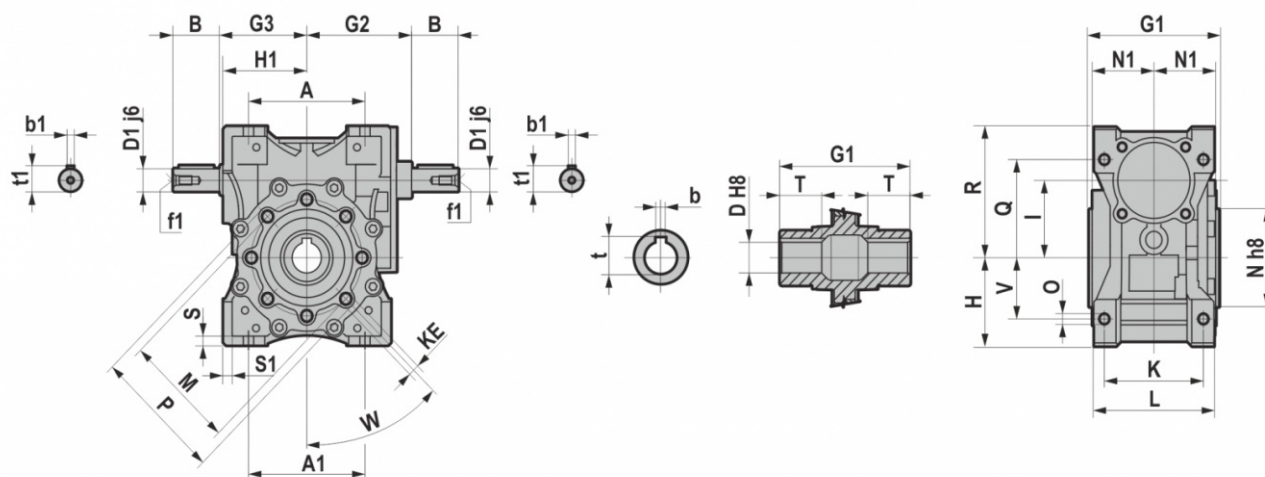
|                            |     | 030  | 040 | 050  | 063 | 075   | 090   | 105   |
|----------------------------|-----|------|-----|------|-----|-------|-------|-------|
| ...PA<br>...PB<br>...PV    | A   | 50   | 52  | 63   | 95  | 120   | 140   | 200   |
|                            | C   | 80   | 90  | 110  | 140 | 160   | 200   | 250   |
|                            | EA  | 112  | 142 | 166  | 202 | 232   | 275   | 338   |
|                            | EB  | 96,5 | 117 | 137  | 170 | 196   | 242   | 293,5 |
|                            | EC  | 110  | 142 | 162  | 195 | 227,5 | 271,5 | 332   |
|                            | F   | 2,00 | /   | 2    | 2   | 2     | /     | /     |
|                            | H2  | 55   | 72  | 82   | 100 | 115   | 142   | 172   |
|                            | KO  | 66   | 81  | 98,5 | 111 | 115   | 140   | 160   |
|                            | K1  | /    | /   | /    | /   | /     | 146   | 181   |
|                            | L   | 80   | 98  | 124  | 138 | 142   | 180   | 208   |
|                            | O   | 7    | 9   | 9    | 12  | 12    | 13    | 13    |
|                            | R1  | 30   | 32  | 32   | 37  | 40    | 52    | 62    |
|                            | S   | 7    | 9   | 10   | 10  | 12    | 14    | 18    |
| ...PAS<br>...PBS<br>...PVS | AS  | /    | 70  | 85   | /   | /     | 160   | 200   |
|                            | CS  | /    | 96  | 112  | /   | /     | 210   | 250   |
|                            | EAS | /    | 141 | 169  | /   | /     | 283   | 336   |
|                            | EBS | /    | 116 | 141  | /   | /     | 250   | 291,5 |
|                            | ECS | /    | 141 | 165  | /   | /     | 279,5 | 330   |
|                            | FS  | /    | /   | /    | /   | /     | /     | /     |
|                            | H2S | /    | 71  | 85   | /   | /     | 150   | 170   |
|                            | KOS | /    | 84  | 96   | /   | /     | 164   | 160   |
|                            | K1S | /    | /   | 99   | /   | /     | /     | 181   |
|                            | LS  | /    | 100 | 116  | /   | /     | 195   | 208   |
|                            | OS  | /    | 7   | 9    | /   | /     | 13    | 13    |
|                            | R1S | /    | 31  | 35   | /   | /     | 60    | 60    |
|                            | SS  | /    | 9   | 10   | /   | /     | 14    | 16    |

|     | D<br>H8 | b  | t    | T  |
|-----|---------|----|------|----|
| 030 | 14      | 5  | 16,3 | 21 |
| 040 | 18      | 6  | 20,8 | 26 |
|     | 19      | 6  | 21,8 | 26 |
| 050 | 25      | 8  | 28,3 | 30 |
|     | 24      | 8  | 27,3 | 30 |
| 063 | 25      | 8  | 28,3 | 36 |
|     | 28      | 8  | 31,3 | 36 |
| 075 | 28      | 8  | 31,3 | 40 |
|     | 30      | 8  | 33,3 | 40 |
|     | 32      | 10 | 35,3 | 40 |
|     | 35      | 10 | 38,3 | 40 |
| 090 | 35      | 10 | 38,3 | 45 |
|     | 38      | 10 | 41,3 | 45 |
|     | 40      | 12 | 43,3 | 45 |
| 105 | 42      | 12 | 45,3 | 50 |

| B5  | Pm  | Dm | bm | tm   |
|-----|-----|----|----|------|
| 063 | 140 | 11 | 4  | 12,8 |
| 071 | 160 | 14 | 5  | 16,3 |
| 080 | 200 | 19 | 6  | 21,8 |
| 090 | 200 | 24 | 8  | 27,3 |
| 100 | 250 | 28 | 8  | 31,3 |
| 112 | 250 | 28 | 8  | 31,3 |
| 132 | 300 | 38 | 10 | 41,3 |
| 160 | 350 | 42 | 12 | 45,3 |

| B14 | Pm  | Dm | bm | tm   |
|-----|-----|----|----|------|
| 056 | 80  | 09 | 3  | 10,4 |
| 063 | 90  | 11 | 4  | 12,8 |
| 071 | 105 | 14 | 5  | 16,3 |
| 080 | 120 | 19 | 6  | 21,8 |
| 090 | 140 | 24 | 8  | 27,3 |
| 100 | 160 | 28 | 8  | 31,3 |
| 112 | 160 | 28 | 8  | 31,3 |

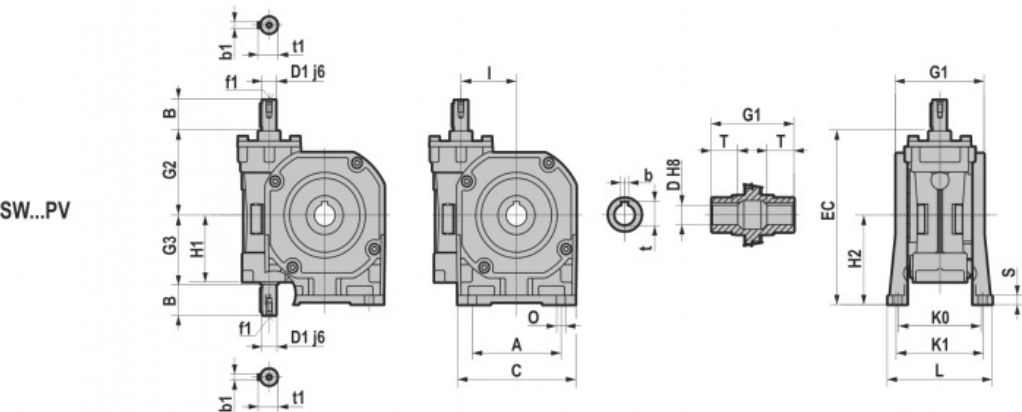
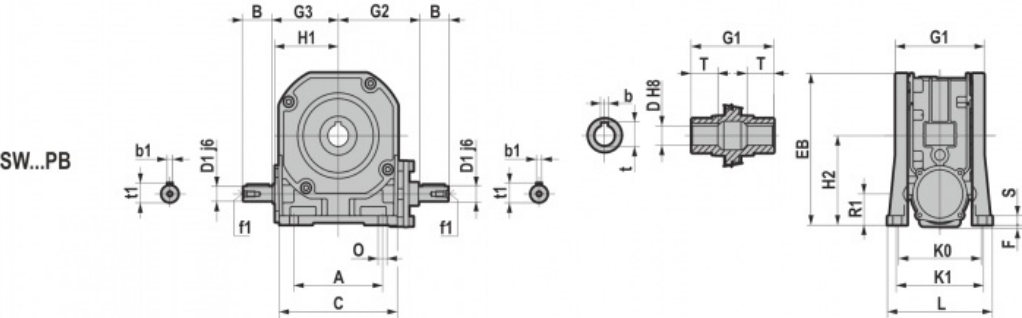
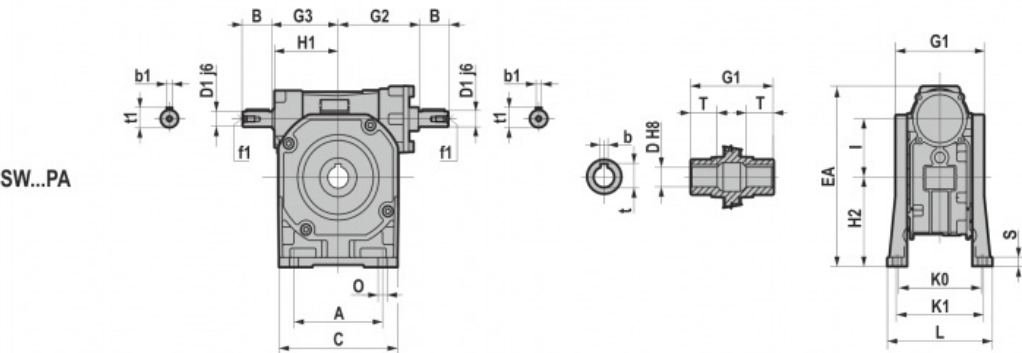
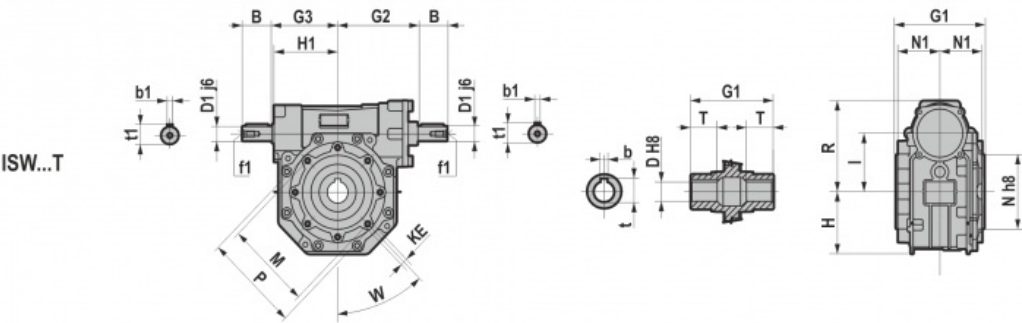
## 4. NRV



|              | 030   | 040   | 050   | 063   | 075     | 090    | 110       | 130    | 150    |
|--------------|-------|-------|-------|-------|---------|--------|-----------|--------|--------|
| <b>A</b>     | 54    | 70    | 80    | 100   | 120     | 140    | 170       | 200    | 240    |
| <b>A1</b>    | 54    | 70    | 80    | 100   | 120     | 140    | 164 - 170 | 200    | 240    |
| <b>B</b>     | 20    | 23    | 30    | 40    | 50      | 50     | 60        | 80     | 80     |
| <b>D1 j6</b> | 9     | 11    | 14    | 19    | 24      | 24     | 28        | 30     | 35     |
| <b>G1</b>    | 63    | 78    | 92    | 112   | 120     | 140    | 155       | 170    | 200    |
| <b>G2</b>    | 51    | 60    | 74    | 90    | 105     | 125    | 142       | 162    | 195    |
| <b>G3</b>    | 45    | 53    | 64    | 75    | 90      | 108    | 135       | 155    | 175    |
| <b>H</b>     | 40    | 50    | 60    | 72    | 86      | 103    | 127,5     | 147,5  | 170    |
| <b>H1</b>    | 40    | 50    | 60    | 72    | 89      | 103    | 127,5     | 147,5  | 170    |
| <b>I</b>     | 30    | 40    | 50    | 63    | 75      | 90     | 110       | 130    | 150    |
| <b>K</b>     | 44    | 60    | 70    | 85    | 90 - 95 | 100    | 115       | 120    | 145    |
| <b>KE</b>    | M6*11 | M6*11 | M8*10 | M8*14 | M8*14   | M10*18 | M10*18    | M12*21 | M12*21 |
| <b>L</b>     | 56    | 71    | 85    | 103   | 112     | 130    | 144       | 155    | 185    |
| <b>M</b>     | 65    | 75    | 85    | 95    | 115     | 130    | 165       | 215    | 215    |
| <b>N</b>     | 55    | 60    | 70    | 80    | 95      | 110    | 130       | 180    | 180    |
| <b>N1</b>    | 29    | 36,5  | 43,5  | 53    | 57      | 67     | 74        | 81     | 96     |
| <b>O</b>     | 6,5   | 6,5   | 8,5   | 8,5   | 11      | 13     | 14        | 16     | 18     |
| <b>P</b>     | 75    | 87    | 100   | 110   | 131     | 160    | 200       | 250    | 250    |
| <b>Q</b>     | 44    | 55    | 64    | 80    | 93      | 102    | 125       | 140    | 180    |
| <b>R</b>     | 57    | 71,5  | 84    | 107   | 123     | 144    | 167,5     | 187,5  | 230    |
| <b>S</b>     | 5,5   | 6,5   | 7     | 8     | 10      | 11     | 14,5      | 15,5   | 18     |
| <b>S1</b>    | 5,5   | 6,5   | 7     | 8     | 13      | 11     | 14,5      | 15,5   | 18     |
| <b>V</b>     | 27    | 35    | 40    | 50    | 60      | 70     | 82 - 85   | 100    | 120    |
| <b>W</b>     | 0     | 45    | 45    | 45    | 45      | 45     | 45        | 45     | 45     |
| <b>b1</b>    | 3     | 4     | 5     | 6     | 8       | 8      | 8         | 8      | 10     |
| <b>t1</b>    | 10,2  | 12,5  | 16    | 21,5  | 27      | 27     | 31        | 33     | 38     |
| <b>f1</b>    | -     | -     | M6    | M6    | M8      | M8     | M10       | M10    | M12    |

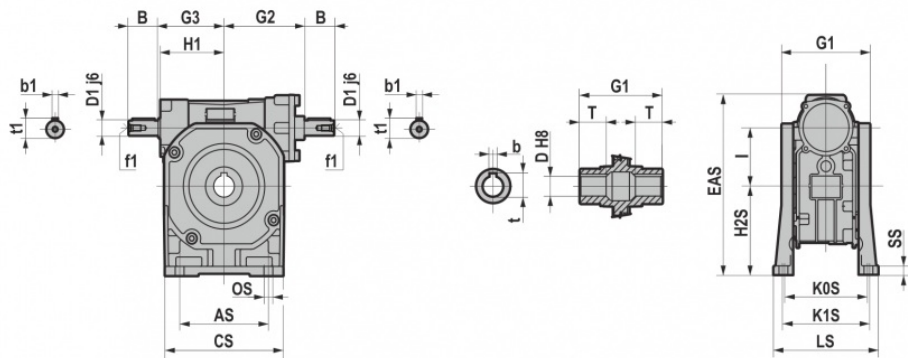
|            | D H8 | b  | t    | T    |
|------------|------|----|------|------|
| <b>030</b> | 14   | 5  | 16,3 | 21   |
| <b>040</b> | 18   | 6  | 20,8 | 26   |
|            | 19   | 6  | 21,8 | 26   |
| <b>050</b> | 25   | 8  | 28,3 | 30   |
|            | 24   | 8  | 27,3 | 30   |
| <b>063</b> | 25   | 8  | 28,3 | 36   |
|            | 28   | 8  | 31,3 | 36   |
| <b>075</b> | 28   | 8  | 31,3 | 40   |
|            | 30   | 8  | 33,3 | 40   |
|            | 32   | 10 | 35,3 | 40   |
|            | 35   | 10 | 38,3 | 40   |
| <b>090</b> | 35   | 10 | 38,3 | 45   |
|            | 38   | 10 | 41,3 | 45   |
|            | 40   | 12 | 43,3 | 45   |
| <b>110</b> | 42   | 12 | 45,3 | 50   |
| <b>130</b> | 45   | 14 | 48,8 | 60   |
| <b>150</b> | 50   | 14 | 53,8 | 72,5 |

5. ISW

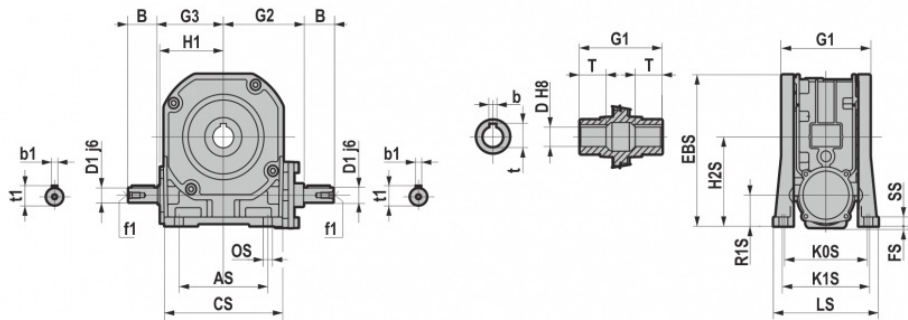




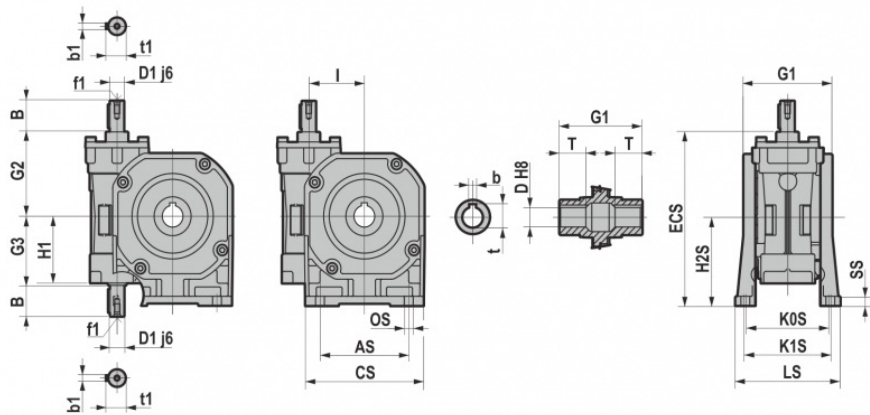
ISW...PAS



ISW...PBS



ISW...PVS





## REDUCERS/GEARED MOTORS

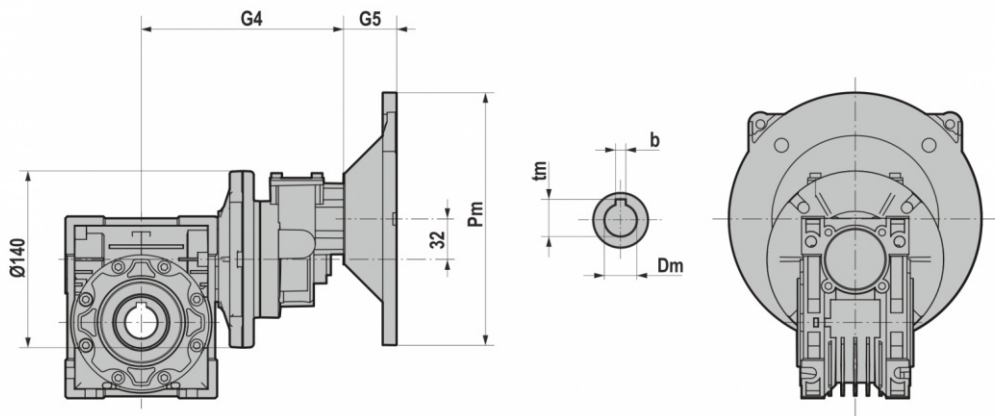
## TECHNICAL CATALOGUE

|                                                               |          | 030   | 040   | 050   | 063   | 075   | 090    | 105    |
|---------------------------------------------------------------|----------|-------|-------|-------|-------|-------|--------|--------|
| ...T<br>...PA<br>...PB<br>...PV<br>...PAS<br>...PBS<br>...PVS | G1       | 63    | 78    | 92    | 112   | 120   | 140    | 155    |
|                                                               | G2       | 51    | 60    | 74    | 90    | 105   | 125    | 142    |
|                                                               | G3       | 45    | 53    | 64    | 75    | 90    | 108    | 135    |
|                                                               | H        | 37,5  | 42    | 52    | 66    | 80    | 97     | 115    |
|                                                               | H1       | 40    | 50    | 60    | 72    | 86    | 103    | 127,5  |
|                                                               | I        | 30    | 40    | 50    | 63    | 75    | 90     | 110    |
|                                                               | KE       | M6*11 | M6*11 | M8*10 | M8*14 | M8*14 | M10*18 | M10*18 |
|                                                               | M        | 65    | 75    | 85    | 95    | 115   | 130    | 165    |
|                                                               | N        | 55    | 60    | 70    | 80    | 95    | 110    | 130    |
|                                                               | N1       | 29    | 36,5  | 43,5  | 53    | 57    | 67     | 74     |
|                                                               | P        | 75    | 87    | 97,6  | 110   | 130   | 148    | 200    |
|                                                               | R        | 57    | 70    | 84    | 102   | 117   | 133    | 166    |
|                                                               | W        | 90    | 45    | 45    | 45    | 45    | 45     | 45     |
|                                                               | B        | 20    | 23    | 30    | 40    | 50    | 50     | 60     |
|                                                               | D1<br>j6 | 9     | 11    | 14    | 19    | 24    | 24     | 28     |
|                                                               | b1       | 3     | 4     | 5     | 6     | 8     | 8      | 8      |
|                                                               | t1       | 10,2  | 12,5  | 16    | 21,5  | 27    | 27     | 27     |
|                                                               | f1       | /     | /     | M6    | M6    | M8    | M8     | M10    |

|                            |     | 030  | 040 | 050  | 063 | 075   | 090   | 105   |
|----------------------------|-----|------|-----|------|-----|-------|-------|-------|
| ...PA<br>...PB<br>...PV    | A   | 50   | 52  | 63   | 95  | 120   | 140   | 200   |
|                            | C   | 80   | 90  | 110  | 140 | 160   | 200   | 250   |
|                            | EA  | 112  | 142 | 166  | 202 | 232   | 275   | 338   |
|                            | EB  | 96,5 | 117 | 137  | 170 | 196   | 242   | 293,5 |
|                            | EC  | 110  | 142 | 162  | 195 | 227,5 | 271,5 | 332   |
|                            | F   | 2,00 | /   | 2    | 2   | 2     | /     | /     |
|                            | H2  | 55   | 72  | 82   | 100 | 115   | 142   | 172   |
|                            | KO  | 66   | 81  | 98,5 | 111 | 115   | 140   | 160   |
|                            | K1  | /    | /   | /    | /   | /     | 146   | 181   |
|                            | L   | 80   | 98  | 124  | 138 | 142   | 180   | 208   |
|                            | O   | 7    | 9   | 9    | 12  | 12    | 13    | 13    |
|                            | R1  | 30   | 32  | 32   | 37  | 40    | 52    | 62    |
|                            | S   | 7    | 9   | 10   | 10  | 12    | 14    | 18    |
| ...PAS<br>...PBS<br>...PVS | AS  | /    | 70  | 85   | /   | /     | 160   | 200   |
|                            | CS  | /    | 96  | 112  | /   | /     | 210   | 250   |
|                            | EAS | /    | 141 | 169  | /   | /     | 283   | 336   |
|                            | EBS | /    | 116 | 141  | /   | /     | 250   | 291,5 |
|                            | ECS | /    | 141 | 165  | /   | /     | 279,5 | 330   |
|                            | FS  | /    | /   | /    | /   | /     | /     | /     |
|                            | H2S | /    | 71  | 85   | /   | /     | 150   | 170   |
|                            | KOS | /    | 84  | 96   | /   | /     | 164   | 160   |
|                            | K1S | /    | /   | 99   | /   | /     | /     | 181   |
|                            | LS  | /    | 100 | 116  | /   | /     | 195   | 208   |
|                            | OS  | /    | 7   | 9    | /   | /     | 13    | 13    |
|                            | R1S | /    | 31  | 35   | /   | /     | 60    | 60    |
|                            | SS  | /    | 9   | 10   | /   | /     | 14    | 16    |

|     | D<br>H8 | b  | t    | T  |
|-----|---------|----|------|----|
| 030 | 14      | 5  | 16,3 | 21 |
| 040 | 18      | 6  | 20,8 | 26 |
|     | 19      | 6  | 21,8 | 26 |
| 050 | 25      | 8  | 28,3 | 30 |
|     | 24      | 8  | 27,3 | 30 |
| 063 | 25      | 8  | 28,3 | 36 |
|     | 28      | 8  | 31,3 | 36 |
| 075 | 28      | 8  | 31,3 | 40 |
|     | 30      | 8  | 33,3 | 40 |
|     | 32      | 10 | 35,3 | 40 |
|     | 35      | 10 | 38,3 | 40 |
| 090 | 35      | 10 | 38,3 | 45 |
|     | 38      | 10 | 41,3 | 45 |
|     | 40      | 12 | 43,3 | 45 |
| 105 | 42      | 12 | 45,3 | 50 |

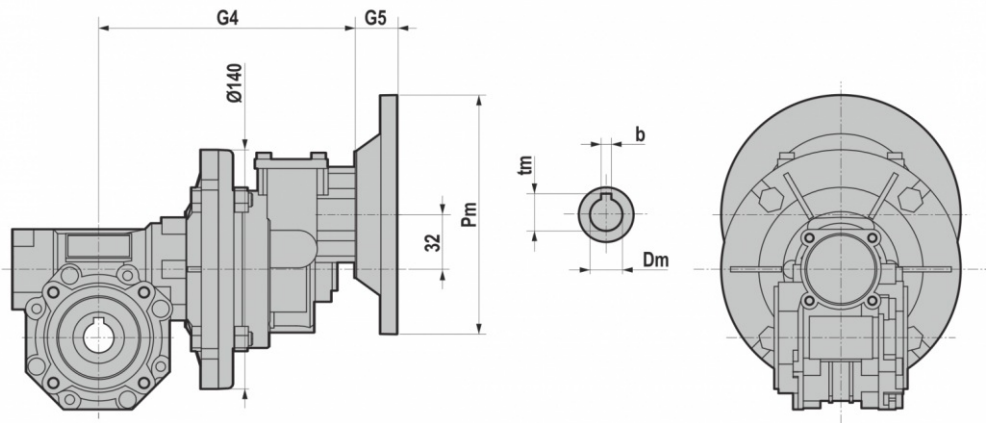
6. HA31+NMRV



|     | NMRV040 |    | NMRV050 |    |
|-----|---------|----|---------|----|
|     | G4      | G5 | G4      | G5 |
| 063 | 150     | 25 | 160     | 25 |
| 071 | 150     | 32 | 160     | 32 |
| 080 | 150     | 42 | 160     | 42 |

| B5  | Pm  | Dm | bm | tm   |
|-----|-----|----|----|------|
| 063 | 140 | 11 | 4  | 12,8 |
| 071 | 160 | 14 | 5  | 16,3 |
| 080 | 200 | 19 | 6  | 21,8 |

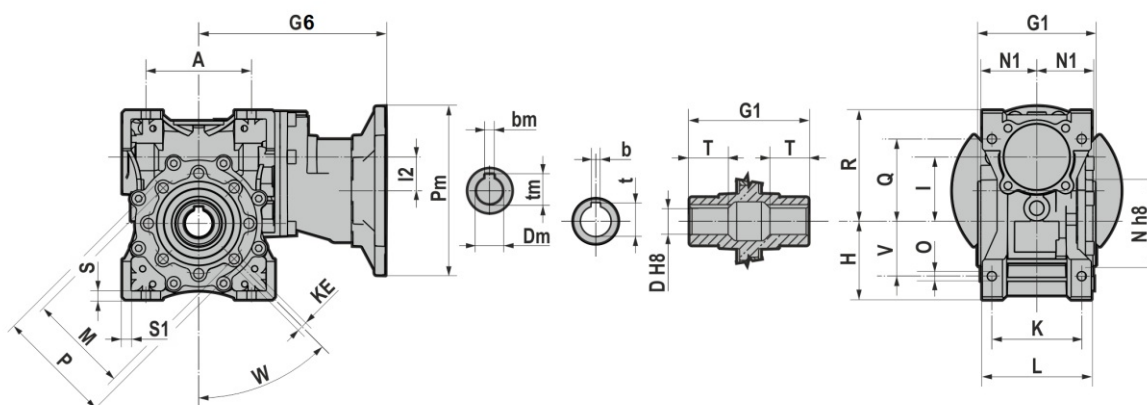
7. HA31+SW



|     | SW040 |    | SW050 |    | SW063 |    | SW075 |    | SW090 |    |
|-----|-------|----|-------|----|-------|----|-------|----|-------|----|
|     | G4    | G5 | G4    | G5 | G4    | G5 | G4    | G5 | G4    | G5 |
| 063 | 150   | 25 | 160   | 25 | 173   | 25 | 187   | 25 | 204   | 25 |
| 071 | 150   | 32 | 160   | 32 | 173   | 32 | 187   | 32 | 204   | 32 |
| 080 | 150   | 42 | 160   | 42 | 173   | 42 | 187   | 42 | 204   | 42 |

| B5  | Pm  | Dm | bm | tm   |
|-----|-----|----|----|------|
| 063 | 140 | 11 | 4  | 12,8 |
| 071 | 160 | 14 | 5  | 16,3 |
| 080 | 200 | 19 | 6  | 21,8 |

## 8. NMRV-P/HW



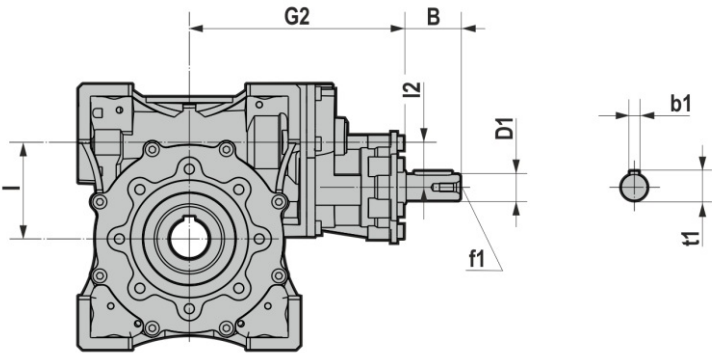
|    | HW030           |            | HW040           |            |
|----|-----------------|------------|-----------------|------------|
|    | 056/063/071/080 |            | 063/071/080/090 |            |
|    | NMRV-P 063      | NMRV-P 075 | NMRV-P 090      | NMRV-P 110 |
| A  | 100             | 120        | 140             | 170        |
| G1 | 112             | 120        | 140             | 155        |
| G6 | 176,5           | 194        | 218             | 241        |
| H  | 72              | 86         | 103             | 127,5      |
| H1 | 72              | 89         | 103             | 127,5      |
| I  | 63              | 75         | 90              | 110        |
| I2 | 32              | 32         | 42              | 42         |
| K  | 85              | 90 - 95    | 100             | 115        |
| KE | M8*14           | M8*14      | M10*18          | M10*18     |
| L  | 103             | 112        | 130             | 144        |
| M  | 95              | 115        | 130             | 165        |
| N  | 80              | 95         | 110             | 130        |
| N1 | 53              | 57         | 67              | 74         |
| O  | 8,5             | 11         | 13              | 14         |
| P  | 110             | 131        | 160             | 200        |
| Q  | 80              | 93         | 102             | 125        |
| R  | 107             | 123        | 144             | 167,5      |
| S  | 8               | 10         | 11              | 14,5       |
| S1 | 8               | 13         | 11              | 14,5       |
| V  | 50              | 60         | 70              | 82 - 85    |
| W  | 45              | 45         | 45              | 45         |

| NMRV-P | D H8 | b  | t    | T  |
|--------|------|----|------|----|
| 063    | 25   | 8  | 28,3 | 36 |
|        | 28   | 8  | 31,3 | 36 |
| 075    | 28   | 8  | 31,3 | 40 |
|        | 30   | 8  | 33,3 | 40 |
|        | 32   | 10 | 35,3 | 40 |
| 090    | 35   | 10 | 38,3 | 40 |
|        | 35   | 10 | 38,3 | 45 |
|        | 38   | 10 | 41,3 | 45 |
| 110    | 40   | 12 | 43,3 | 45 |
|        | 42   | 12 | 45,3 | 50 |

| B5  | Pm  | Dm | bm | tm   |
|-----|-----|----|----|------|
| 056 | 120 | 09 | 3  | 10,4 |
| 063 | 140 | 11 | 4  | 12,8 |
| 071 | 160 | 14 | 5  | 16,3 |
| 080 | 200 | 19 | 6  | 21,8 |
| 090 | 200 | 24 | 8  | 27,3 |

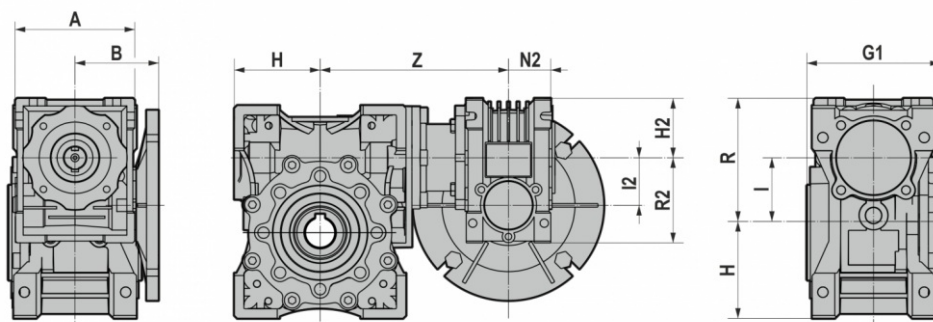
| B14 | Pm  | Dm | bm | tm   |
|-----|-----|----|----|------|
| 056 | 80  | 09 | 3  | 10,4 |
| 063 | 90  | 11 | 4  | 12,8 |
| 071 | 105 | 14 | 5  | 16,3 |
| 080 | 120 | 19 | 6  | 21,8 |
| 090 | 140 | 24 | 8  | 27,3 |

9. NMRV-P/IHW



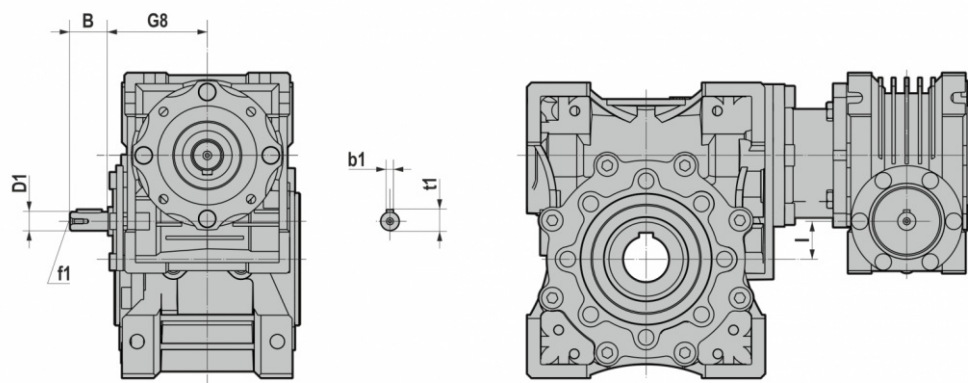
|    | IHW040     |            |
|----|------------|------------|
|    | NMRV-P 090 | NMRV-P 110 |
| I  | 90         | 110        |
| G2 | 204,5      | 227,5      |
| I2 | 42         | 42         |
| B  | 40         | 50         |
| D1 | 19 j6      | 24 j6      |
| b1 | 6          | 8          |
| t1 | 21,5       | 27         |
| f1 | M6         | M8         |

## 10. NMRV/NMRV-P+NMRV/NMRV-P



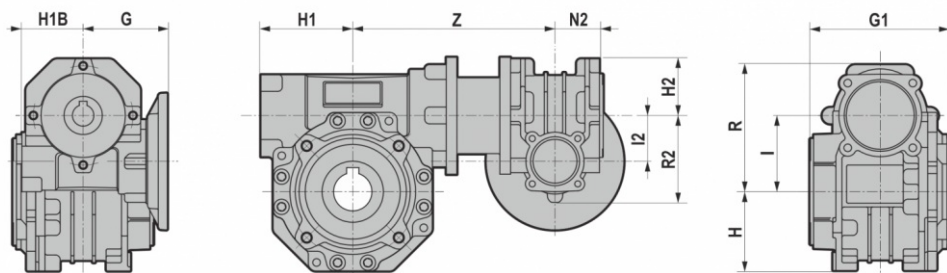
|                | A   | G   | G1  | H     | H1    | I   | R     | H2 | I2 | N2   | R2   | Z     |
|----------------|-----|-----|-----|-------|-------|-----|-------|----|----|------|------|-------|
| <b>025-030</b> | 70  | 45  | 63  | 40    | 40    | 30  | 57    | 35 | 25 | 22,5 | 48   | 100   |
| <b>025-040</b> | 70  | 45  | 78  | 50    | 50    | 40  | 71,5  | 35 | 25 | 22,5 | 48   | 115   |
| <b>030-040</b> | 80  | 55  | 78  | 50    | 50    | 40  | 71,5  | 40 | 30 | 29   | 57   | 122   |
| <b>030-050</b> | 80  | 55  | 92  | 60    | 60    | 50  | 84    | 40 | 30 | 29   | 57   | 132   |
| <b>030-063</b> | 80  | 55  | 112 | 72    | 72    | 63  | 107   | 40 | 30 | 29   | 57   | 145   |
| <b>040-050</b> | 100 | 70  | 92  | 60    | 60    | 50  | 84    | 50 | 40 | 36,5 | 71,5 | 140,5 |
| <b>040-063</b> | 100 | 70  | 112 | 72    | 72    | 63  | 107   | 50 | 40 | 36,5 | 71,5 | 156,5 |
| <b>040-075</b> | 100 | 70  | 120 | 86    | 89    | 75  | 119   | 50 | 40 | 36,5 | 71,5 | 167,5 |
| <b>040-090</b> | 100 | 70  | 140 | 103   | 103   | 90  | 135   | 50 | 40 | 36,5 | 71,5 | 184,5 |
| <b>050-075</b> | 120 | 80  | 120 | 86    | 89    | 75  | 119   | 60 | 50 | 43,5 | 84   | 195,5 |
| <b>050-090</b> | 120 | 80  | 140 | 103   | 103   | 90  | 135   | 60 | 50 | 43,5 | 84   | 205   |
| <b>050-110</b> | 120 | 80  | 155 | 127,5 | 127,5 | 110 | 167,5 | 60 | 50 | 43,5 | 84   | 237   |
| <b>063-075</b> | 144 | 109 | 120 | 86    | 89    | 75  | 119   | 72 | 63 | 53   | 107  | 195,5 |
| <b>063-090</b> | 144 | 109 | 140 | 103   | 103   | 90  | 135   | 72 | 63 | 53   | 107  | 214   |
| <b>063-110</b> | 144 | 109 | 155 | 127,5 | 127,5 | 110 | 167,5 | 72 | 63 | 53   | 107  | 237   |
| <b>063-130</b> | 144 | 109 | 170 | 147,5 | 147,5 | 130 | 187,5 | 72 | 63 | 53   | 107  | 245   |
| <b>063-150</b> | 144 | 109 | 200 | 170   | 170   | 150 | 230   | 72 | 63 | 53   | 107  | 275   |

11. NRV/NRV-P+NMRV/NMRV-P



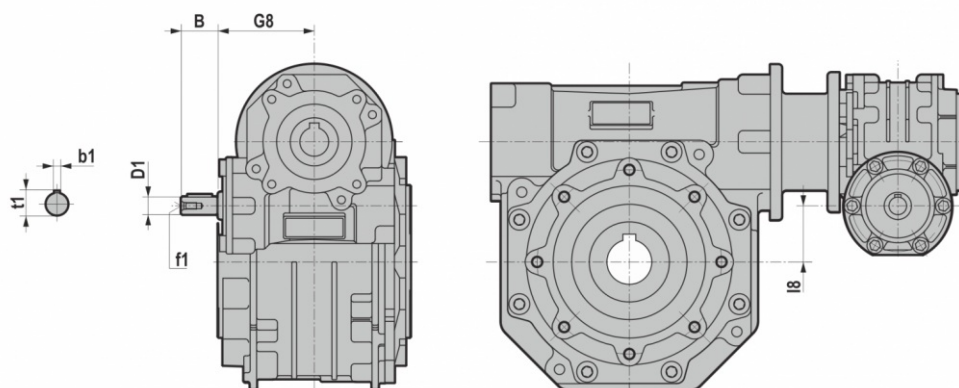
|         | B  | D1 | G8 | l8 | b1 | f1 | t1   |
|---------|----|----|----|----|----|----|------|
| 030-040 | 20 | 9  | 51 | 10 | 3  | -  | 10,2 |
| 030-050 | 20 | 9  | 51 | 20 | 3  | -  | 10,2 |
| 030-063 | 20 | 9  | 51 | 33 | 3  | -  | 10,2 |
| 040-050 | 23 | 11 | 60 | 10 | 4  | -  | 12,5 |
| 040-063 | 23 | 11 | 60 | 23 | 4  | -  | 12,5 |
| 040-075 | 23 | 11 | 60 | 35 | 4  | -  | 12,5 |
| 040-090 | 23 | 11 | 60 | 50 | 4  | -  | 12,5 |
| 050-090 | 30 | 14 | 74 | 40 | 5  | M6 | 16   |
| 050-110 | 30 | 14 | 74 | 60 | 5  | M6 | 16   |
| 063-110 | 40 | 19 | 90 | 47 | 6  | M6 | 21,5 |
| 063-130 | 40 | 19 | 90 | 67 | 6  | M6 | 21,5 |
| 063-150 | 40 | 19 | 90 | 87 | 6  | M6 | 21,5 |

## 12. SW+SW



|         | H1B | G  | G1  | H   | H1    | I   | R   | H2 | I2 | N2   | R2   | Z     |
|---------|-----|----|-----|-----|-------|-----|-----|----|----|------|------|-------|
| 030-040 | 40  | 55 | 78  | 42  | 50    | 40  | 70  | 40 | 30 | 29   | 57   | 122   |
| 030-050 | 40  | 55 | 92  | 52  | 60    | 50  | 84  | 40 | 30 | 29   | 57   | 132   |
| 030-063 | 40  | 55 | 112 | 66  | 72    | 63  | 102 | 40 | 30 | 29   | 57   | 145   |
| 040-075 | 50  | 70 | 120 | 80  | 86    | 75  | 117 | 50 | 40 | 36,5 | 71,5 | 167,5 |
| 040-090 | 50  | 70 | 140 | 97  | 103   | 90  | 133 | 50 | 40 | 36,5 | 71,5 | 184,5 |
| 050-090 | 60  | 80 | 140 | 97  | 103   | 90  | 133 | 60 | 50 | 43,5 | 84   | 205   |
| 050-105 | 60  | 80 | 155 | 115 | 127,5 | 110 | 166 | 60 | 50 | 43,5 | 84   | 226   |

## 13. ISW+SW



|         | B  | D1 | G8 | I8 | b1 | f1 | t1   |
|---------|----|----|----|----|----|----|------|
| 030-040 | 20 | 9  | 51 | 10 | 3  | -  | 10,2 |
| 030-050 | 20 | 9  | 51 | 20 | 3  | -  | 10,2 |
| 030-063 | 20 | 9  | 51 | 33 | 3  | -  | 10,2 |
| 040-075 | 23 | 11 | 60 | 35 | 4  | -  | 12,5 |
| 040-090 | 23 | 11 | 60 | 50 | 4  | -  | 12,5 |
| 050-090 | 30 | 14 | 74 | 40 | 5  | M6 | 16   |
| 050-105 | 30 | 14 | 74 | 60 | 5  | M6 | 16   |