

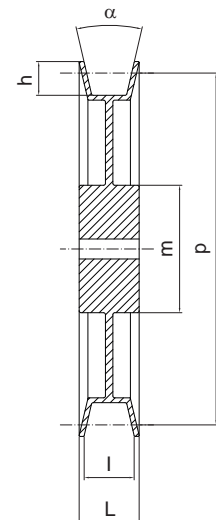
## SIT Variable speed pulleys "FIXED"

### Description - FIXED Pulleys

Fixed driven pulley have been specifically designed to be used with VAR pulleys. They are manufactured in grey cast iron (GG20 - GG25) and are treated with a black manganese phosphating process.

|  |           |
|--|-----------|
| Part Number                                | PF 160/46 |
| Fixed pulley                               |           |
| External diameter [mm] / Groove width [mm] |           |

| Type            | FIXED 100           | FIXED 130 | FIXED 160 | FIXED 190 | FIXED 240 | FIXED 300 |
|-----------------|---------------------|-----------|-----------|-----------|-----------|-----------|
| $\alpha$        | 25°                 | 25°       | 25°       | 28°       | 28°       | 28°       |
| h [mm]          | 12                  | 16        | 18        | 20        | 26        | 32        |
| l [mm]          | 13                  | 22        | 28        | 36        | 46        | 54        |
| L [mm]          | 20                  | 26        | 32        | 43        | 52        | 70        |
| Diameter p [mm] | Hub diameter m [mm] |           |           |           |           |           |
| 80              | 30                  | 30        | 35        | -         | -         | -         |
| 90              | 35                  | 38        | 38        | -         | -         | -         |
| 100             | 35                  | 38        | 38        | -         | -         | -         |
| 112             | 40                  | 42        | 42        | 50        | -         | -         |
| 125             | 40                  | 46        | 46        | 54        | -         | -         |
| 140             | 40                  | 48        | 48        | 54        | 55        | -         |
| 160             | 45                  | 48        | 48        | 60        | 68        | -         |
| 170             | 45                  | 55        | 55        | 62        | 70        | -         |
| 180             | 50                  | 58        | 58        | 68        | 75        | 80        |
| 200             | 50                  | 68        | 68        | 70        | 78        | 82        |
| 224             | 60                  | 70        | 70        | 70        | 85        | 90        |
| 250             | 60                  | 70        | 75        | 75        | 88        | 92        |
| 280             | 60                  | 70        | 78        | 78        | 90        | 92        |
| 315             | 60                  | 80        | 80        | 80        | 90        | 100       |
| 355             | -                   | 85        | 90        | 90        | 90        | 95        |
| 400             | -                   | -         | 90        | 90        | 90        | 95        |
| 450             | -                   | -         | -         | 90        | 95        | 95        |
| 500             | -                   | -         | -         | -         | 95        | 105       |



# Speed range and center distance for VAR and fixed pulleys assemblies

## VAR 100

| Pitch length [mm] | Speed range - center distances                                  |      |      |      |      |      |      |      |   |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |   |
|-------------------|---|------|------|------|------|------|------|------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|---|
|                   | Speed range in rpm of driven pulley with drive VAR pulley (rpm) |      |      |      |      |      |      |      | Belts inside length in mm                         |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |   |
|                   | 750   |      | 1000 |      | 1500 |      | 3000 |      | 500   | 525 | 550 | 600 | 650 | 675 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | 1500 | 1600 |   |
|                   | Min.  | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Center distances in mm calculated with belts 13X6 |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |   |
| 80                | 876   | 355  | 1168 | 447  | 1752 | 671  | 3505 | 1343 | 122   | 135 | 147 | 172 | 197 | 210 | 222 | 247 | 272 | 297 | 322 | 347 | 372  | 402  | 432  | 462  | 497  | 532  | 572  | -    | -    |   |
| 90                | 782   | 299  | 1042 | 399  | 1564 | 599  | 3128 | 1199 | 115   | 127 | 140 | 165 | 190 | 202 | 215 | 240 | 265 | 290 | 315 | 340 | 365  | 395  | 425  | 455  | 490  | 525  | 565  | -    | -    |   |
| 100               | 706   | 270  | 941  | 360  | 1412 | 541  | 2825 | 1082 | -   | 119 | 132 | 157 | 182 | 194 | 207 | 232 | 257 | 282 | 307 | 332 | 357  | 387  | 417  | 447  | 482  | 517  | 557  | -    | -    |   |
| 112               | 632   | 242  | 843  | 323  | 1265 | 485  | 2530 | 970  | -   | -   | 122 | 147 | 172 | 185 | 197 | 222 | 247 | 272 | 297 | 322 | 347  | 377  | 407  | 437  | 472  | 507  | 547  | -    | -    |   |
| 125               | 568   | 217  | 758  | 290  | 1137 | 435  | 2274 | 871  | -   | -   | -   | 136 | 161 | 174 | 186 | 212 | 237 | 262 | 287 | 312 | 337  | 367  | 397  | 427  | 462  | 497  | 537  | -    | -    |   |
| 140               | 508   | 195  | 678  | 260  | 1017 | 390  | 2035 | 780  | -   | -   | -   | -   | 149 | 161 | 174 | 199 | 224 | 249 | 274 | 299 | 324  | 355  | 385  | 415  | 450  | 485  | 525  | -    | -    |   |
| 160               | 446   | 171  | 595  | 228  | 893  | 342  | 1786 | 684  | -   | -   | -   | -   | -   | 143 | 156 | 182 | 207 | 232 | 257 | 283 | 308  | 338  | 368  | 398  | 433  | 468  | 509  | -    | -    |   |
| 170               | 420   | 161  | 561  | 215  | 841  | 322  | 1683 | 645  | -   | -   | -   | -   | -   | -   | 147 | 173 | 198 | 224 | 249 | 274 | 299  | 330  | 360  | 390  | 425  | 460  | 500  | -    | -    |   |
| 180               | 397   | 152  | 530  | 203  | 795  | 304  | 1591 | 609  | -   | -   | -   | -   | -   | -   | -   | 163 | 189 | 215 | 240 | 265 | 291  | 321  | 351  | 381  | 417  | 452  | 492  | -    | -    |   |
| 200               | 358   | 137  | 478  | 183  | 717  | 274  | 1434 | 549  | -   | -   | -   | -   | -   | -   | -   | -   | 170 | 196 | 222 | 248 | 273  | 304  | 334  | 364  | 400  | 435  | 475  | -    | -    |   |
| 224               | 320   | 122  | 427  | 163  | 641  | 245  | 1282 | 491  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 199 | 225 | 251  | 282  | 313  | 343  | 379  | 414  | 455  | -    | -    |   |
| 250               | 287   | 110  | 383  | 147  | 575  | 220  | 1151 | 441  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 199 | 225  | 257  | 288  | 319  | 355  | 391  | 432  | -    | -    |   |
| 280               | 257   | 98   | 343  | 131  | 514  | 197  | 1029 | 394  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 164  | 193  | 226  | 259  | 290  | 327  | 363  | 405  | -    | - |
| 315               | 228   | 87   | 305  | 117  | 457  | 175  | 915  | 351  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | 220  | 254  | 292  | 329  | 371  | -    | - |

## VAR 130

| Pitch length [mm] | Speed range - center distances                                  |      |      |      |      |      |      |      |   |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |     |
|-------------------|---|------|------|------|------|------|------|------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|-----|
|                   | Speed range in rpm of driven pulley with drive VAR pulley (rpm) |      |      |      |      |      |      |      | Belts inside length in mm                         |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |     |
|                   | 750   |      | 1000 |      | 1500 |      | 3000 |      | 500   | 525 | 550 | 600 | 650 | 675 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | 1500 | 1600 |     |
|                   | Min.  | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Center distances in mm calculated with belts 22x8 |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |     |
| 80                | 1124  | 410  | 1498 | 547  | 2248 | 821  | 4496 | 1642 | -   | -   | -   | 152 | 177 | 190 | 202 | 227 | 252 | 277 | 303 | 328 | 353  | 383  | 413  | 443  | 478  | 513  | 553  | 603  | 653  |     |
| 90                | 1004  | 367  | 1339 | 489  | 2009 | 734  | 4019 | 1468 | -   | -   | -   | 145 | 170 | 182 | 195 | 220 | 245 | 270 | 295 | 320 | 345  | 375  | 405  | 435  | 470  | 505  | 545  | 595  | 645  |     |
| 100               | 908   | 331  | 1211 | 442  | 1816 | 663  | 3633 | 1327 | -   | -   | -   | 137 | 162 | 175 | 187 | 212 | 237 | 262 | 287 | 312 | 337  | 367  | 397  | 427  | 462  | 497  | 537  | 587  | 637  |     |
| 112               | 814   | 297  | 1086 | 396  | 1629 | 595  | 3258 | 1190 | -   | -   | -   | 128 | 153 | 166 | 178 | 203 | 228 | 253 | 278 | 303 | 328  | 358  | 388  | 418  | 453  | 488  | 528  | 578  | 628  |     |
| 125               | 732   | 267  | 976  | 356  | 1465 | 535  | 2930 | 1070 | -   | -   | -   | -   | 143 | 155 | 168 | 193 | 218 | 243 | 268 | 293 | 318  | 348  | 378  | 408  | 443  | 478  | 518  | 568  | 618  |     |
| 140               | 656   | 239  | 875  | 319  | 1312 | 479  | 2625 | 959  | -   | -   | -   | -   | -   | -   | 156 | 181 | 206 | 231 | 256 | 281 | 306  | 336  | 366  | 396  | 431  | 466  | 506  | 556  | 606  |     |
| 160               | 576   | 210  | 768  | 280  | 1152 | 421  | 2305 | 842  | -   | -   | -   | -   | -   | -   | -   | 164 | 190 | 215 | 240 | 265 | 290  | 320  | 350  | 380  | 415  | 450  | 490  | 540  | 590  |     |
| 170               | 543   | 198  | 724  | 264  | 1086 | 396  | 2173 | 793  | -   | -   | -   | -   | -   | -   | -   | -   | 181 | 206 | 231 | 256 | 282  | 312  | 342  | 372  | 407  | 442  | 482  | 532  | 582  |     |
| 180               | 513   | 187  | 685  | 250  | 1027 | 375  | 2055 | 750  | -   | -   | -   | -   | -   | -   | -   | -   | 172 | 198 | 223 | 248 | 273  | 303  | 333  | 364  | 399  | 434  | 474  | 524  | 574  |     |
| 200               | 463   | 169  | 617  | 225  | 926  | 338  | 1853 | 677  | -   | -   | -   | -   | -   | -   | -   | -   | -   | 180 | 205 | 231 | 256  | 286  | 317  | 347  | 382  | 417  | 457  | 508  | 558  |     |
| 224               | 414   | 151  | 552  | 202  | 829  | 303  | 1658 | 606  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 209 | 235  | 265  | 296  | 326  | 362  | 397  | 437  | 488  | 538  |     |
| 250               | 372   | 136  | 496  | 181  | 744  | 272  | 1498 | 544  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | 210  | 241  | 272  | 303  | 339  | 374  | 415  | 465  | 516 |
| 280               | 333   | 121  | 444  | 162  | 666  | 243  | 1332 | 486  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | 243  | 275  | 311  | 347  | 388  | 439  | 490 |
| 315               | 296   | 108  | 395  | 144  | 592  | 216  | 1185 | 433  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | 239  | 277  | 314  | 356  | 407  | 459 |
| 355               | 263   | 96   | 351  | 128  | 526  | 192  | 1053 | 385  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | 272  | 316  | 369  | 421  |     |

VARIABLE PULLEYS - PV

**VAR 160**

| Pitch length [mm] | Speed range - center distances                                  |      |      |      |      |      |      |      |  |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |
|-------------------|---|------|------|------|------|------|------|------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|
|                   | Speed range in rpm of driven pulley with drive VAR pulley (rpm) |      |      |      |      |      |      |      | Belts inside length in mm                          |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |
|                   | 750   |      | 1000 |      | 1500 |      | 3000 |      | 500  | 525 | 550 | 600 | 650 | 675 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | 1500 | 1600 |
|                   | Min.  | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Center distances in mm calculated with belts 28x10 |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |
| 80                | 1384  | 535  | 1846 | 714  | 2769 | 1071 | 5538 | 2143 | 131  | 156 | 182 | 207 | 233 | 258 | 283 | 308 | 334 | 364 | 394 | 424 | 459  | 494  | 534  | 584  | 634  | 685  | 735  | 835  | -    |
| 90                | 1237  | 478  | 1649 | 638  | 2474 | 957  | 4948 | 1915 | -  | 149 | 175 | 200 | 226 | 251 | 276 | 301 | 326 | 356 | 386 | 416 | 452  | 487  | 527  | 577  | 627  | 677  | 727  | 827  | -    |
| 100               | 1118  | 432  | 1490 | 577  | 2236 | 865  | 4472 | 1731 | -  | 142 | 168 | 193 | 218 | 243 | 269 | 294 | 319 | 349 | 379 | 409 | 444  | 479  | 519  | 569  | 619  | 669  | 719  | 819  | -    |
| 112               | 1002  | 387  | 1336 | 517  | 2004 | 775  | 4009 | 1551 | -  | -   | 159 | 184 | 209 | 234 | 260 | 285 | 310 | 340 | 370 | 400 | 435  | 470  | 510  | 560  | 610  | 660  | 710  | 810  | -    |
| 125               | 901   | 348  | 1201 | 465  | 1802 | 697  | 3605 | 1395 | -  | -   | -   | 175 | 200 | 225 | 250 | 275 | 300 | 330 | 360 | 390 | 425  | 460  | 500  | 550  | 600  | 650  | 700  | 800  | -    |
| 140               | 807   | 312  | 1076 | 416  | 1614 | 624  | 3229 | 1249 | -  | -   | -   | -   | 188 | 213 | 238 | 263 | 288 | 318 | 348 | 378 | 413  | 448  | 488  | 538  | 588  | 638  | 688  | 788  | -    |
| 160               | 708   | 274  | 945  | 365  | 1417 | 548  | 2835 | 1097 | -  | -   | -   | -   | -   | 198 | 223 | 248 | 273 | 303 | 333 | 363 | 398  | 433  | 473  | 523  | 573  | 623  | 673  | 773  | -    |
| 170               | 668   | 258  | 890  | 344  | 1336 | 517  | 2672 | 1034 | -  | -   | -   | -   | -   | 190 | 215 | 240 | 265 | 295 | 325 | 355 | 390  | 425  | 465  | 515  | 565  | 615  | 665  | 765  | -    |
| 180               | 631   | 244  | 842  | 326  | 1263 | 489  | 2526 | 978  | -  | -   | -   | -   | -   | 181 | 206 | 231 | 256 | 287 | 317 | 347 | 382  | 417  | 457  | 507  | 557  | 607  | 657  | 757  | -    |
| 200               | 569   | 220  | 759  | 294  | 1139 | 441  | 2279 | 882  | -  | -   | -   | -   | -   | -   | 215 | 240 | 270 | 300 | 330 | 365 | 400  | 441  | 491  | 541  | 591  | 641  | 741  | -    | -    |
| 224               | 509   | 197  | 679  | 263  | 1019 | 394  | 2039 | 789  | -  | -   | -   | -   | -   | -   | -   | 219 | 250 | 270 | 310 | 345 | 381  | 421  | 471  | 521  | 571  | 621  | 721  | -    | -    |
| 250               | 457   | 177  | 610  | 236  | 915  | 354  | 1830 | 708  | -  | -   | -   | -   | -   | -   | -   | -   | 227 | 257 | 288 | 323 | 359  | 399  | 449  | 499  | 550  | 600  | 700  | -    | -    |
| 280               | 409   | 158  | 545  | 211  | 818  | 316  | 1636 | 633  | -  | -   | -   | -   | -   | -   | -   | -   | -   | 229 | 250 | 296 | 332  | 373  | 423  | 474  | 524  | 575  | 675  | -    | -    |
| 315               | 364   | 141  | 485  | 188  | 728  | 282  | 1457 | 564  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 263 | 300  | 341  | 392  | 443  | 494  | 545  | 646  | -    | -    |
| 355               | 323   | 125  | 431  | 167  | 647  | 250  | 1294 | 501  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | 302  | 355  | 407  | 458  | 509  | 611  | -    | -    |
| 400               | 287   | 111  | 383  | 148  | 575  | 222  | 1150 | 445  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | 309  | 363  | 415  | 468  | 571  | -    | -    |

**VAR 190**

| Pitch length [mm] | Speed range - center distances                                  |      |      |      |      |      |      |      |  |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |   |
|-------------------|---|------|------|------|------|------|------|------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|---|
|                   | Speed range in rpm of driven pulley with drive VAR pulley (rpm) |      |      |      |      |      |      |      | Belts inside length in mm                          |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |   |
|                   | 750   |      | 1000 |      | 1500 |      | 3000 |      | 500  | 525 | 550 | 600 | 650 | 675 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | 1500 | 1600 |   |
|                   | Min.  | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Center distances in mm calculated with belts 36x12 |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |   |
| 112               | 1189  | 419  | 1586 | 559  | 2379 | 838  | 4759 | 1677 | -  | -   | -   | -   | 189 | 214 | 240 | 265 | 290 | 320 | 350 | 380 | 416  | 451  | 491  | 541  | 591  | 641  | 691  | 791  | 911  |   |
| 125               | 1069  | 377  | 1426 | 502  | 2139 | 754  | 4279 | 1508 | -  | -   | -   | -   | 180 | 205 | 230 | 255 | 280 | 311 | 341 | 371 | 406  | 441  | 481  | 531  | 581  | 631  | 681  | 781  | 901  |   |
| 140               | 958   | 337  | 1277 | 450  | 1916 | 675  | 3833 | 1350 | -  | -   | -   | -   | 194 | 219 | 244 | 269 | 299 | 329 | 359 | 394 | 429  | 470  | 520  | 570  | 620  | 670  | 770  | 890  | -    |   |
| 160               | 841   | 296  | 1121 | 395  | 1682 | 593  | 3365 | 1186 | -  | -   | -   | -   | -   | 204 | 229 | 254 | 284 | 314 | 344 | 379 | 414  | 454  | 504  | 554  | 604  | 654  | 754  | 874  | -    |   |
| 170               | 793   | 279  | 1057 | 372  | 1586 | 558  | 3172 | 1117 | -  | -   | -   | -   | -   | 196 | 221 | 246 | 276 | 306 | 336 | 371 | 406  | 446  | 496  | 546  | 596  | 646  | 746  | 866  | -    |   |
| 180               | 750   | 264  | 1000 | 352  | 1500 | 528  | 3000 | 1057 | -  | -   | -   | -   | -   | -   | 214 | 239 | 269 | 299 | 329 | 364 | 399  | 439  | 489  | 539  | 589  | 639  | 739  | 859  | -    |   |
| 200               | 676   | 238  | 901  | 317  | 1352 | 476  | 2705 | 953  | -  | -   | -   | -   | -   | -   | -   | 223 | 253 | 283 | 313 | 348 | 383  | 423  | 473  | 523  | 573  | 623  | 723  | 843  | -    |   |
| 224               | 605   | 213  | 806  | 284  | 1210 | 426  | 2420 | 853  | -  | -   | -   | -   | -   | -   | -   | -   | 233 | 263 | 293 | 328 | 363  | 403  | 453  | 504  | 554  | 604  | 704  | 824  | -    |   |
| 250               | 543   | 191  | 724  | 255  | 1086 | 382  | 2173 | 765  | -  | -   | -   | -   | -   | -   | -   | -   | -   | 241 | 271 | 307 | 342  | 382  | 432  | 482  | 532  | 583  | 683  | 803  | -    |   |
| 280               | 485   | 171  | 647  | 228  | 971  | 342  | 1943 | 684  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | 245 | 281 | 316  | 357  | 407  | 457  | 508  | 558  | 658  | 778  | -    |   |
| 315               | 432   | 152  | 576  | 203  | 865  | 304  | 1730 | 609  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | 326  | 376  | 427  | 478  | 528  | 629  | 749  | -    |   |
| 355               | 384   | 135  | 512  | 180  | 768  | 270  | 1537 | 541  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | 288  | 340  | 391  | 442  | 493  | 595  | 716  | - |
| 400               | 341   | 120  | 455  | 160  | 683  | 240  | 1366 | 481  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | 348  | 401  | 452  | 555  | 677  | - |
| 450               | 303   | 107  | 405  | 142  | 607  | 214  | 1215 | 428  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -    | -    | -    | -    | -    | 351  | 404  | 509  | 632  | - |

## VAR 240

| Pitch length [mm] | Speed range - center distances                                  |      |      |      |      |      |  |      |      |      |      |      |      |      |      |      |      |      |      |  |
|-------------------|---|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                   | Speed range in rpm of driven pulley with drive VAR pulley (rpm) |      |      |      |      |      | Belts inside length in mm                          |      |      |      |      |      |      |      |      |      |      |      |      |  |
|                   | 750   |      | 1000 |      | 1500 |      | 995  | 1055 | 1115 | 1175 | 1245 | 1315 | 1395 | 1495 | 1595 | 1695 | 1795 | 2000 | 2240 |  |
|                   | Min.  | Max. | Min. | Max. | Min. | Max. | Center distances in mm calculated with belts 46x13 |      |      |      |      |      |      |      |      |      |      |      |      |  |
| 140               | 1195  | 371  | 1594 | 494  | 2391 | 742  | 225  | 256  | 286  | 316  | 352  | 387  | 427  | 477  | 528  | 578  | 628  | 731  | 851  |  |
| 160               | 1052  | 326  | 1402 | 435  | 2104 | 653  | -  | 241  | 272  | 302  | 337  | 372  | 412  | 462  | 513  | 563  | 613  | 715  | 835  |  |
| 170               | 992   | 308  | 1323 | 410  | 1984 | 616  | -  | 234  | 264  | 294  | 330  | 365  | 405  | 455  | 505  | 555  | 605  | 708  | 828  |  |
| 180               | 939   | 291  | 1252 | 388  | 1878 | 583  | -  | 227  | 257  | 287  | 322  | 357  | 397  | 447  | 497  | 547  | 597  | 700  | 820  |  |
| 200               | 848   | 263  | 1130 | 351  | 1696 | 526  | -  | -    | 242  | 272  | 307  | 342  | 382  | 432  | 482  | 532  | 582  | 685  | 805  |  |
| 224               | 759   | 235  | 1013 | 314  | 1519 | 471  | -  | -    | -    | 253  | 288  | 323  | 363  | 413  | 463  | 513  | 563  | 666  | 786  |  |
| 250               | 682   | 211  | 910  | 282  | 1365 | 423  | -  | -    | -    | -    | 268  | 303  | 343  | 393  | 443  | 493  | 543  | 645  | 765  |  |
| 280               | 611   | 189  | 814  | 252  | 1222 | 379  | -  | -    | -    | -    | -    | 278  | 318  | 368  | 419  | 469  | 519  | 621  | 741  |  |
| 315               | 544   | 169  | 726  | 225  | 1089 | 338  | -  | -    | -    | -    | -    | -    | 289  | 339  | 389  | 440  | 490  | 593  | 713  |  |
| 355               | 484   | 150  | 645  | 200  | 968  | 300  | -  | -    | -    | -    | -    | -    | -    | -    | 355  | 405  | 456  | 559  | 680  |  |
| 400               | 430   | 133  | 574  | 178  | 861  | 267  | -  | -    | -    | -    | -    | -    | -    | -    | -    | 365  | 416  | 520  | 642  |  |
| 450               | 383   | 119  | 511  | 158  | 766  | 238  | -  | -    | -    | -    | -    | -    | -    | -    | -    | -    | 369  | 475  | 598  |  |
| 500               | 345   | 107  | 460  | 143  | 691  | 214  | -  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 427  | 552  |  |

## VAR 300

| Pitch length [mm] | Speed range - center distances                                  |      |      |      |      |      |  |      |      |      |      |      |      |      |      |      |      |      |  |  |
|-------------------|---|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|--|--|
|                   | Speed range in rpm of driven pulley with drive VAR pulley (rpm) |      |      |      |      |      | Belts inside length in mm                          |      |      |      |      |      |      |      |      |      |      |      |  |  |
|                   | 750   |      | 1000 |      | 1500 |      | 995  | 1055 | 1115 | 1175 | 1245 | 1315 | 1395 | 1495 | 1595 | 1795 | 2000 | 2240 |  |  |
|                   | Min.  | Max. | Min. | Max. | Min. | Max. | Center distances in mm calculated with belts 54x16 |      |      |      |      |      |      |      |      |      |      |      |  |  |
| 180               | 1164  | 362  | 1553 | 483  | 2339 | 724  | -  | -    | -    | -    | 280  | 316  | 356  | 407  | 457  | 558  | 658  | 778  |  |  |
| 200               | 1052  | 327  | 1403 | 436  | 2105 | 655  | -  | -    | -    | -    | 266  | 301  | 342  | 392  | 442  | 543  | 643  | 763  |  |  |
| 224               | 943   | 293  | 1258 | 391  | 1887 | 587  | -  | -    | -    | -    | -    | 284  | 324  | 374  | 424  | 525  | 625  | 745  |  |  |
| 250               | 848   | 264  | 1131 | 352  | 1697 | 528  | -  | -    | -    | -    | -    | -    | 304  | 355  | 405  | 505  | 605  | 725  |  |  |
| 280               | 760   | 236  | 1013 | 315  | 1520 | 473  | -  | -    | -    | -    | -    | -    | -    | 331  | 381  | 481  | 581  | 701  |  |  |
| 315               | 678   | 210  | 904  | 281  | 1356 | 421  | -  | -    | -    | -    | -    | -    | -    | -    | 354  | 454  | 554  | 674  |  |  |
| 355               | 603   | 187  | 804  | 250  | 1206 | 375  | -  | -    | -    | -    | -    | -    | -    | -    | -    | 421  | 521  | 642  |  |  |
| 400               | 536   | 167  | 715  | 222  | 1073 | 334  | -  | -    | -    | -    | -    | -    | -    | -    | -    | 383  | 484  | 604  |  |  |
| 450               | 478   | 148  | 637  | 198  | 956  | 297  | -  | -    | -    | -    | -    | -    | -    | -    | -    | -    | 440  | 562  |  |  |
| 500               | 431   | 134  | 574  | 178  | 862  | 268  | -  | -    | -    | -    | -    | -    | -    | -    | -    | -    | 394  | 517  |  |  |