

[Calculs techniques]

Sélection des courroies de distribution 4 -Tableau des capacités de transmission-

Tableau 22. Capacité de transmission de référence de S2M Ps -Courroies d'une largeur de 4mm- (W)

| Nb de dents de la petite poulie<br>Vitesse de rotation de la petite poulie (rpm) | Diamètre du cercle primitif (mm) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------------------------------------------------------------|----------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                  | 14                               | 15   | 16    | 18    | 20    | 22    | 24    | 25    | 26    | 28    | 30    | 32    | 36    | 40    | 44    | 48    | 50    | 60    |
| 870                                                                              | 8.91                             | 9.55 | 10.19 | 11.46 | 12.73 | 14.01 | 15.28 | 15.92 | 16.55 | 17.83 | 19.10 | 20.37 | 22.92 | 25.46 | 28.01 | 30.56 | 31.83 | 38.20 |
| 1160                                                                             | 11                               | 12   | 14    | 16    | 19    | 21    | 23    | 25    | 26    | 28    | 30    | 33    | 37    | 41    | 46    | 50    | 52    | 62    |
| 1500                                                                             | 13                               | 15   | 17    | 20    | 23    | 26    | 29    | 31    | 32    | 35    | 38    | 41    | 46    | 52    | 57    | 62    | 65    | 77    |
| 1750                                                                             | 17                               | 20   | 22    | 27    | 31    | 35    | 39    | 41    | 43    | 47    | 51    | 55    | 63    | 70    | 78    | 85    | 88    | 105   |
| 3500                                                                             | 26                               | 30   | 34    | 41    | 49    | 56    | 63    | 67    | 70    | 77    | 83    | 90    | 102   | 115   | 126   | 138   | 143   | 170   |
| 50                                                                               | 1                                | 1    | 1     | 2     | 2     | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 3     | 4     | 4     | 5     | 5     | 6     |
| 100                                                                              | 2                                | 2    | 2     | 3     | 3     | 4     | 4     | 4     | 4     | 5     | 5     | 6     | 6     | 7     | 8     | 8     | 9     | 11    |
| 150                                                                              | 3                                | 3    | 3     | 4     | 5     | 5     | 6     | 6     | 6     | 7     | 7     | 8     | 9     | 10    | 11    | 12    | 12    | 15    |
| 200                                                                              | 4                                | 4    | 4     | 5     | 6     | 7     | 7     | 8     | 8     | 9     | 9     | 10    | 11    | 13    | 14    | 15    | 16    | 19    |
| 250                                                                              | 4                                | 5    | 5     | 6     | 7     | 8     | 8     | 9     | 9     | 10    | 10    | 11    | 12    | 14    | 15    | 17    | 18    | 23    |
| 300                                                                              | 5                                | 5    | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 11    | 12    | 13    | 14    | 16    | 18    | 19    | 21    | 22    |
| 350                                                                              | 6                                | 6    | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 18    | 20    | 22    | 24    | 25    | 30    |
| 400                                                                              | 6                                | 7    | 8     | 9     | 10    | 11    | 13    | 13    | 14    | 15    | 16    | 18    | 20    | 22    | 25    | 27    | 28    | 33    |
| 450                                                                              | 7                                | 8    | 8     | 10    | 11    | 13    | 14    | 15    | 15    | 17    | 18    | 19    | 22    | 25    | 27    | 30    | 31    | 37    |
| 500                                                                              | 7                                | 8    | 9     | 11    | 12    | 14    | 15    | 16    | 17    | 18    | 20    | 21    | 24    | 27    | 29    | 32    | 33    | 40    |
| 600                                                                              | 8                                | 9    | 10    | 11    | 13    | 15    | 16    | 17    | 18    | 20    | 21    | 23    | 26    | 29    | 32    | 35    | 36    | 43    |
| 650                                                                              | 8                                | 9    | 10    | 12    | 14    | 16    | 18    | 19    | 21    | 22    | 24    | 25    | 28    | 31    | 34    | 37    | 39    | 46    |
| 700                                                                              | 9                                | 10   | 11    | 13    | 15    | 17    | 19    | 20    | 21    | 22    | 24    | 26    | 30    | 33    | 36    | 40    | 41    | 49    |
| 750                                                                              | 9                                | 10   | 12    | 14    | 16    | 18    | 20    | 21    | 22    | 24    | 26    | 28    | 31    | 35    | 39    | 42    | 44    | 52    |
| 800                                                                              | 10                               | 11   | 12    | 14    | 17    | 19    | 21    | 22    | 23    | 25    | 27    | 29    | 33    | 37    | 41    | 44    | 46    | 55    |
| 850                                                                              | 10                               | 12   | 13    | 15    | 17    | 20    | 22    | 23    | 24    | 26    | 28    | 31    | 35    | 39    | 43    | 47    | 49    | 58    |
| 900                                                                              | 11                               | 12   | 13    | 16    | 18    | 21    | 23    | 24    | 25    | 28    | 30    | 32    | 36    | 41    | 45    | 49    | 51    | 61    |
| 950                                                                              | 11                               | 13   | 14    | 16    | 19    | 22    | 24    | 25    | 26    | 29    | 31    | 34    | 38    | 43    | 47    | 51    | 53    | 63    |
| 990                                                                              | 12                               | 13   | 14    | 17    | 20    | 22    | 25    | 26    | 28    | 30    | 33    | 35    | 40    | 44    | 49    | 53    | 56    | 66    |
| 1000                                                                             | 12                               | 14   | 15    | 18    | 21    | 23    | 26    | 27    | 29    | 31    | 34    | 36    | 41    | 46    | 51    | 55    | 58    | 69    |
| 1100                                                                             | 13                               | 14   | 16    | 19    | 22    | 25    | 28    | 29    | 31    | 34    | 36    | 39    | 44    | 50    | 55    | 60    | 62    | 74    |
| 1200                                                                             | 14                               | 15   | 17    | 20    | 24    | 27    | 30    | 31    | 33    | 36    | 39    | 42    | 47    | 53    | 58    | 64    | 66    | 79    |
| 1300                                                                             | 16                               | 18   | 18    | 22    | 25    | 28    | 32    | 33    | 35    | 38    | 41    | 44    | 50    | 56    | 62    | 68    | 71    | 84    |
| 1400                                                                             | 15                               | 17   | 19    | 23    | 26    | 30    | 33    | 35    | 37    | 40    | 44    | 47    | 53    | 60    | 66    | 72    | 75    | 89    |
| 1500                                                                             | 16                               | 18   | 20    | 24    | 28    | 31    | 35    | 37    | 39    | 42    | 46    | 49    | 56    | 63    | 69    | 75    | 79    | 94    |
| 1600                                                                             | 17                               | 19   | 21    | 25    | 29    | 33    | 37    | 39    | 41    | 44    | 48    | 52    | 59    | 66    | 73    | 79    | 82    | 98    |
| 1700                                                                             | 17                               | 19   | 22    | 26    | 30    | 34    | 39    | 41    | 43    | 46    | 50    | 54    | 62    | 69    | 76    | 83    | 86    | 103   |
| 1800                                                                             | 18                               | 20   | 23    | 27    | 31    | 36    | 40    | 42    | 44    | 48    | 52    | 56    | 64    | 72    | 79    | 86    | 90    | 107   |
| 1900                                                                             | 18                               | 21   | 23    | 28    | 33    | 37    | 42    | 44    | 46    | 50    | 55    | 59    | 67    | 75    | 82    | 90    | 94    | 111   |
| 2000                                                                             | 19                               | 22   | 24    | 29    | 34    | 39    | 43    | 46    | 48    | 52    | 57    | 61    | 69    | 78    | 85    | 93    | 97    | 115   |
| 2200                                                                             | 20                               | 23   | 26    | 31    | 36    | 41    | 46    | 49    | 51    | 56    | 61    | 65    | 74    | 83    | 92    | 100   | 104   | 124   |
| 2400                                                                             | 21                               | 24   | 27    | 33    | 38    | 44    | 49    | 52    | 54    | 59    | 64    | 69    | 79    | 88    | 97    | 106   | 111   | 131   |
| 2600                                                                             | 22                               | 25   | 28    | 35    | 40    | 46    | 52    | 55    | 57    | 63    | 68    | 73    | 84    | 93    | 103   | 112   | 117   | 139   |
| 2800                                                                             | 23                               | 26   | 30    | 36    | 42    | 49    | 55    | 57    | 60    | 66    | 72    | 77    | 88    | 98    | 109   | 118   | 123   | 146   |
| 3000                                                                             | 24                               | 28   | 31    | 38    | 44    | 51    | 57    | 60    | 63    | 69    | 75    | 81    | 92    | 103   | 114   | 124   | 129   | 153   |
| 3200                                                                             | 25                               | 29   | 32    | 39    | 46    | 53    | 60    | 63    | 66    | 72    | 79    | 85    | 96    | 108   | 119   | 130   | 135   | 160   |
| 3400                                                                             | 26                               | 30   | 33    | 41    | 48    | 55    | 62    | 65    | 69    | 75    | 82    | 88    | 100   | 112   | 124   | 135   | 140   | 167   |
| 3600                                                                             | 26                               | 30   | 34    | 42    | 50    | 57    | 64    | 68    | 71    | 78    | 85    | 92    | 104   | 117   | 129   | 140   | 146   | 173   |
| 3800                                                                             | 27                               | 31   | 35    | 44    | 51    | 59    | 67    | 70    | 74    | 81    | 88    | 95    | 108   | 121   | 133   | 145   | 151   | 179   |
| 4000                                                                             | 28                               | 32   | 36    | 45    | 53    | 61    | 69    | 73    | 76    | 84    | 91    | 98    | 112   | 125   | 138   | 150   | 156   | 185   |
| 4500                                                                             | 29                               | 34   | 39    | 48    | 57    | 66    | 74    | 78    | 82    | 90    | 98    | 106   | 121   | 135   | 149   | 162   | 168   | 199   |
| 5000                                                                             | 30                               | 36   | 41    | 51    | 60    | 70    | 79    | 83    | 88    | 96    | 105   | 113   | 129   | 144   | 159   | 173   | 179   | 211   |
| 5500                                                                             | 32                               | 37   | 43    | 53    | 63    | 74    | 83    | 88    | 93    | 102   | 111   | 119   | 136   | 152   | 168   | 183   | 190   | 223   |
| 6000                                                                             | 33                               | 38   | 44    | 55    | 65    | 77    | 87    | 92    | 97    | 107   | 117   | 126   | 143   | 160   | 176   | 192   | 199   | 233   |
| 6500                                                                             | 33                               | 40   | 46    | 58    | 69    | 80    | 91    | 97    | 102   | 112   | 122   | 132   | 150   | 168   | 184   | 200   | 208   | 243   |
| 7000                                                                             | 34                               | 41   | 47    | 60    | 72    | 83    | 95    | 100   | 106   | 117   | 127   | 137   | 156   | 174   | 192   | 208   | 216   | 251   |
| 7500                                                                             | 34                               | 41   | 48    | 61    | 74    | 86    | 98    | 104   | 110   | 121   | 132   | 142   | 162   | 181   | 198   | 215   | 223   | 259   |
| 8000                                                                             | 35                               | 42   | 49    | 63    | 76    | 89    | 101   | 107   | 113   | 125   | 136   | 147   | 167   | 187   | 205   | 222   | 229   | 265   |
| 8500                                                                             | 35                               | 43   | 50    | 64    | 78    | 91    | 104   | 110   | 116   | 128   | 140   | 151   | 172   | 192   | 210   | 227   | 235   | 270   |
| 9000                                                                             | 35                               | 43   | 51    | 65    | 80    | 94    | 107   | 113   | 119   | 132   | 144   | 155   | 177   | 197   | 215   | 232   | 240   | 275   |