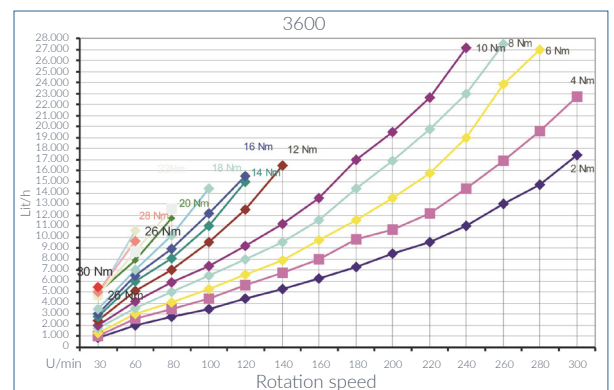
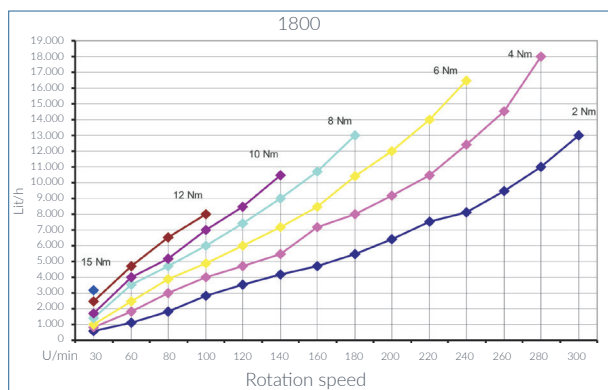
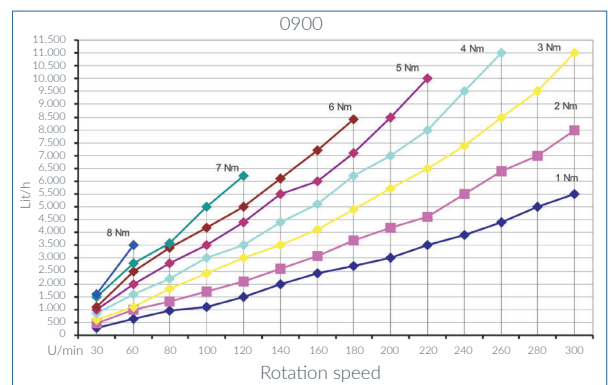
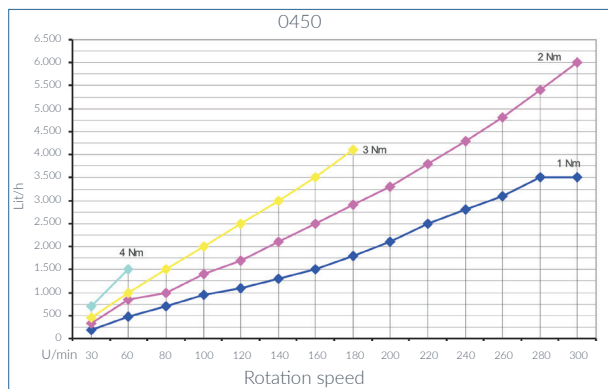


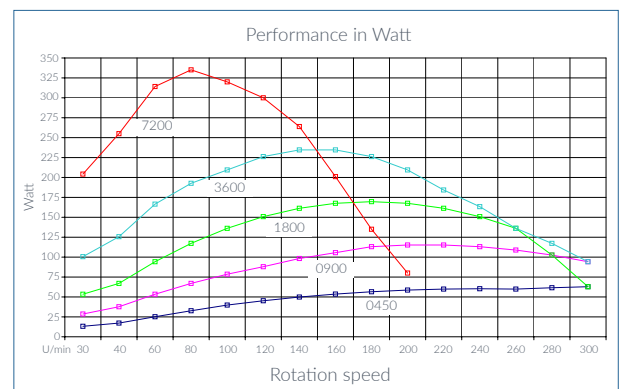
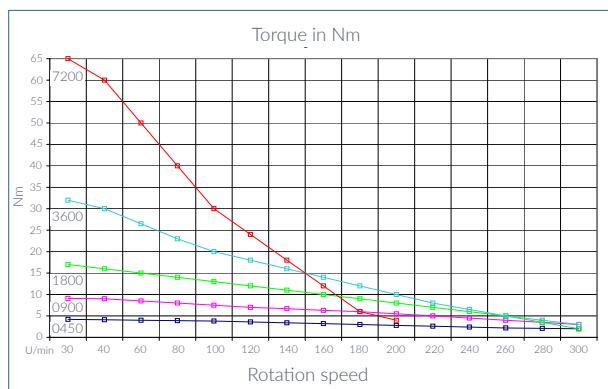
# Performance data & transmissions

## PERFORMANCE DATA

### ROTATION SPEED – PERFORMANCE - AIR CONSUMPTION



### TORQUE - PERFORMANCE



WE GENERATE MOVEMENT IN SPECIAL ENVIRONMENTS.

# TRANSMISSIONS

(For motor data please refer to the data sheet of the respective motor)



| Motor                                       | 0450      |           |           | 0900       |           |         | 1800       |          |            | 3600       |          |            |  |
|---|-----------|-----------|-----------|------------|-----------|---------|------------|----------|------------|------------|----------|------------|--|
| Art. No.                                    | 5039      | 5040      | 5041      | 5039       | 5040      | 5041    | 5042       | 5043     | 5044       | 5042       | 5043     | 5044       |  |
| Transmission                                | 3:1       | 9:1       | 1:2       | 3:1        | 9:1       | 1:2     | 3:1        | 9:1      | 1:2        | 3:1        | 9:1      | 1:2        |  |
| L1 [mm]                                     | 120       | 146       | 120       | 134,5      | 160,5     | 134,5   | 161        | 192,5    | 161        | 183        | 214,5    | 183        |  |
| L2 [mm]                                     | 94        | 120       | 94        | 108,5      | 134,5     | 108,5   | 120        | 151,5    | 120        | 142        | 173,5    | 142        |  |
| L3 [mm]                                     | 92,5      | 118,5     | 92,5      | 107        | 133       | 107     | 117,5      | 149      | 117,5      | 139,5      | 171      | 139,5      |  |
| L1 [inch]                                   | 4.72      | 5.75      | 4.72      | 5.29       | 6.32      | 5.29    | 6.34       | 7.58     | 6.34       | 7.20       | 8.44     | 7.20       |  |
| L2 [inch]                                   | 3.70      | 4.72      | 3.70      | 4.27       | 5.29      | 4.27    | 4.72       | 5.96     | 4.72       | 5.59       | 6.83     | 5.59       |  |
| L3 [inch]                                   | 3.64      | 4.66      | 3.64      | 4.21       | 5.24      | 4.21    | 4.62       | 5.87     | 4.62       | 5.49       | 6.73     | 5.49       |  |
| Max. rotation speed [1/min]                 | 100       | 33        | 600       | 100        | 33        | 600     | 100        | 33       | 600        | 100        | 33       | 600        |  |
| Starting torque [Nm]                        | 4         | 36        | 2         | 24         | 72        | 4       | 48         | 144      | 8          | 96         | 288      | 16         |  |
| Starting torque [lbf]                       | 35        | 320       | 18        | 212        | 640       | 35      | 425        | 1275     | 70         | 850        | 2550     | 140        |  |
| Max. axial load [lbf   N]                   | 45   200  |           | 12   67,5 |            | 45   200  |         | 12   67,5  |          | 67.5   300 |            |          | 67.5   300 |  |
| Radial dyn. C [lbf   N]                     | 170   750 |           | 110   500 |            | 170   750 |         | 110   500  |          | 225   1000 |            |          | 225   1000 |  |
| Radial stat. Co [lbf   N]                   | 90   400  |           | 55   250  |            | 90   400  |         | 55   250   |          | 135   600  |            |          | 135   600  |  |
| Max. perm. minimum load [lbf in   Nm]       | 45   5    |           |           | 45   5     |           |         | 90   10    |          |            | 90   10    |          |            |  |
| Max. Leistung (bei 150 1/min) [HP   W]      | 0.08   60 |           |           | 0.16   120 |           |         | 0.22   170 |          |            | 0.30   230 |          |            |  |
| Weight [lbs   kg] (motor with transmission) | 4.4   2   | 6.2   2,8 | 4.6   2,1 | 4.6   2,1  | 6.6   3   | 5   2,3 | 12   5,7   | 17   7,9 | 5,9        | 13   7,5   | 18   8,5 | 14   6,5   |  |

| Motor        | 0450 INOX |      |      | 0900 INOX |      |      | 1800 INOX |      |      | 3600 INOX |      |      |
|--------------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|
| Art. No.     | 5045      | 5046 | 5047 | 5045      | 5046 | 5047 | 5048      | 5049 | 5050 | 5048      | 5049 | 5050 |
| Transmission | 3:1       | 9:1  | 1:2  | 3:1       | 9:1  | 1:2  | 3:1       | 9:1  | 1:2  | 3:1       | 9:1  | 1:2  |

WE GENERATE MOVEMENT IN SPECIAL ENVIRONMENTS.