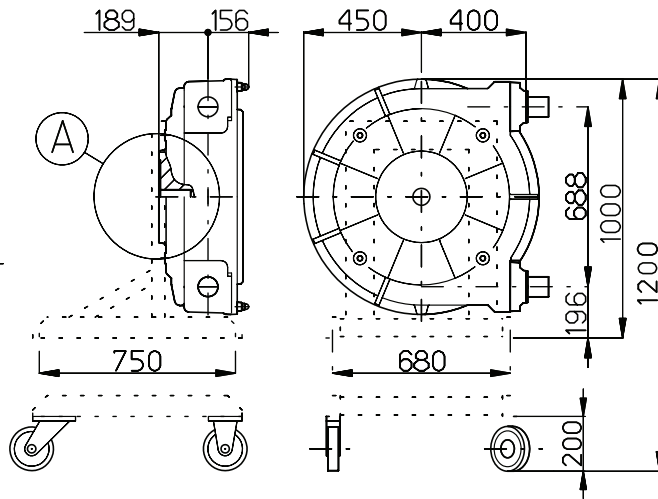
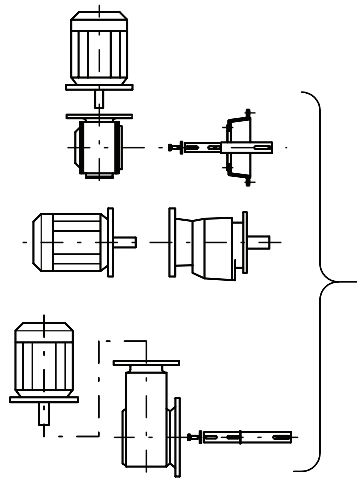
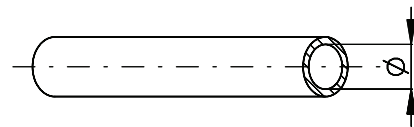
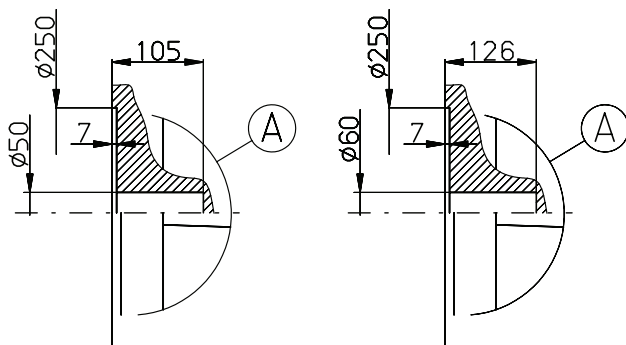


# MS3

MS0 MS1 MS2 MS3

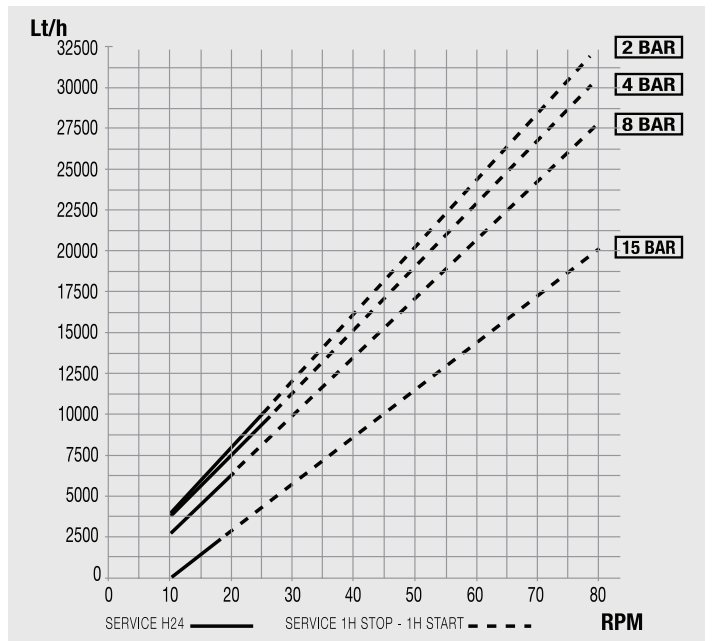


- Welding conn. Ø 76,1
- Flange DIN Dn 65
- Flange ANSI 2" 1/2
- Dn 65  
DIN 11851
- Threaded BSP 2" 1/2



| TECHNICAL DATA |      |        |         |
|----------------|------|--------|---------|
| MOD.           | Ø mm | LT/RPM | MAX BAR |
| MS3            | 68   | 6,80   | 8-15    |

| 0-4 bar |       |     |     |     |
|---------|-------|-----|-----|-----|
| RPM     | Lt/h  | BAR |     | Kw  |
|         |       | std | max |     |
| 14      | 5372  | 2   | 4   | 2,2 |
| 15      | 5773  | 2   | 4   | 2,2 |
| 17      | 6576  | 2   | 4   | 2,2 |
| 19      | 7378  | 2   | 4   | 2,2 |
| 21      | 8180  | 2   | 4   | 3   |
| 24      | 9384  | 2   | 4   | 3   |
| 26      | 10186 | 2   | 4   | 3   |
| 29      | 11390 | 2   | 4   | 4   |
| 32      | 12594 | 2   | 4   | 4   |
| 39      | 15402 | 2   | 4   | 5,5 |
| 42      | 16606 | 2   | 4   | 5,5 |
| 51      | 20216 | 2   | 4   | 7,5 |
| 56      | 22222 | 2   | 4   | 7,5 |
| 63      | 25031 | 2   | 3   | 7,5 |
| 71      | 28240 | 2   | 3   | 7,5 |
| 79      | 31450 | 2   | 2   | 7,5 |



| 4-8 bar |       |     |     |     |
|---------|-------|-----|-----|-----|
| RPM     | Lt/h  | BAR |     | Kw  |
|         |       | std | max |     |
| 14      | 5258  | 4   | 8   | 3   |
| 15      | 5651  | 4   | 8   | 3   |
| 17      | 6437  | 4   | 8   | 4   |
| 19      | 7223  | 4   | 8   | 4   |
| 21      | 8009  | 4   | 8   | 4   |
| 24      | 9188  | 4   | 8   | 5,5 |
| 26      | 9974  | 4   | 8   | 5,5 |
| 29      | 11153 | 4   | 8   | 7,5 |
| 32      | 12332 | 4   | 8   | 7,5 |
| 39      | 15084 | 4   | 6   | 7,5 |
| 42      | 16263 | 4   | 6   | 7,5 |
| 51      | 19800 | 4   | 5   | 7,5 |
| 56      | 21765 | 4   | 4   | 7,5 |
| 63      | 24517 | 4   | 3   | 7,5 |
| 71      | 27661 | 4   | 3   | 7,5 |
| 79      | 30805 | 4   | 2   | 7,5 |

| variable gear speed 0-4 bar |      |       |      |     |     |     |
|-----------------------------|------|-------|------|-----|-----|-----|
| RPM                         |      | Lt/h  |      | BAR |     | Kw  |
| max                         | min  | max   | min  | std | max |     |
| 10                          | 1,8  | 3767  | 477  | 2   | 4   | 2,2 |
| 11                          | 2,1  | 4168  | 598  | 2   | 4   | 2,2 |
| 12                          | 2,3  | 4570  | 678  | 2   | 4   | 2,2 |
| 13                          | 2,6  | 4971  | 798  | 2   | 4   | 2,2 |
| 15                          | 2,8  | 5773  | 879  | 2   | 4   | 2,2 |
| 17                          | 3,2  | 6576  | 1039 | 2   | 4   | 4   |
| 19                          | 3,6  | 7378  | 1200 | 2   | 4   | 4   |
| 21                          | 4    | 8180  | 1360 | 2   | 4   | 4   |
| 23                          | 4,4  | 8983  | 1520 | 2   | 4   | 4   |
| 28                          | 5,3  | 10989 | 1882 | 2   | 4   | 4   |
| 30                          | 5,8  | 11791 | 2082 | 2   | 4   | 7,5 |
| 36                          | 6,9  | 14198 | 2523 | 2   | 4   | 7,5 |
| 40                          | 7,7  | 15803 | 2844 | 2   | 4   | 7,5 |
| 45                          | 8,5  | 17809 | 3165 | 2   | 4   | 7,5 |
| 51                          | 9,7  | 20216 | 3647 | 2   | 4   | 7,5 |
| 56                          | 10,7 | 22222 | 4048 | 2   | 4   | 7,5 |
| 63                          | 11,9 | 25031 | 4529 | 2   | 3   | 7,5 |

| 8-10 bar |       |     |     |     |
|----------|-------|-----|-----|-----|
| RPM      | Lt/h  | BAR |     | Kw  |
|          |       | std | max |     |
| 13       | 3706  | 8   | 10  | 4   |
| 16       | 4787  | 8   | 10  | 4   |
| 17       | 5148  | 8   | 10  | 5,5 |
| 20       | 6229  | 8   | 10  | 5,5 |
| 21       | 6589  | 8   | 10  | 5,5 |
| 25       | 8031  | 8   | 10  | 7,5 |
| 27       | 8752  | 8   | 10  | 7,5 |
| 31       | 10193 | 8   | 10  | 11  |
| 34       | 11274 | 8   | 10  | 11  |

| variable gear speed 4-8 bar |     |       |      |     |     |     |
|-----------------------------|-----|-------|------|-----|-----|-----|
| RPM                         |     | Lt/h  |      | BAR |     | Kw  |
| max                         | min | max   | min  | std | max |     |
| 10                          | 1,8 | 3930  | 707  | 4   | 8   | 4   |
| 11                          | 2,2 | 4323  | 865  | 4   | 8   | 4   |
| 12                          | 2,3 | 4716  | 904  | 4   | 8   | 4   |
| 14                          | 2,7 | 5503  | 1061 | 4   | 8   | 4   |
| 15                          | 2,9 | 5896  | 1140 | 4   | 8   | 4   |
| 18                          | 3,4 | 7075  | 1336 | 4   | 8   | 7,5 |
| 19                          | 3,6 | 7468  | 1415 | 4   | 8   | 7,5 |
| 22                          | 4,3 | 8647  | 1690 | 4   | 8   | 7,5 |
| 24                          | 4,6 | 9433  | 1808 | 4   | 8   | 7,5 |
| 29                          | 5,5 | 11398 | 2162 | 4   | 8   | 9,2 |
| 36                          | 6,9 | 14149 | 2712 | 4   | 6   | 9,2 |
| 44                          | 8,3 | 17294 | 3262 | 4   | 6   | 9,2 |

| 15 bar |      |     |     |     |
|--------|------|-----|-----|-----|
| RPM    | Lt/h | BAR |     | Kw  |
|        |      | std | max |     |
| 13     | 758  | 15  | 15  | 7,5 |
| 16     | 1625 | 15  | 15  | 7,5 |
| 18     | 2203 | 15  | 15  | 7,5 |
| 19     | 2492 | 15  | 15  | 7,5 |
| 22     | 3359 | 15  | 15  | 11  |
| 26     | 4515 | 15  | 15  | 11  |
| 31     | 5960 | 15  | 12  | 11  |

| variable gear speed 6-10 bar |     |       |      |     |     |     |
|------------------------------|-----|-------|------|-----|-----|-----|
| RPM                          |     | Lt/h  |      | BAR |     | Kw  |
| max                          | min | max   | min  | std | max |     |
| 10                           | 1,8 | 3550  | 438  | 6   | 10  | 4   |
| 11                           | 2,2 | 3929  | 590  | 6   | 10  | 4   |
| 12                           | 2,3 | 4308  | 628  | 6   | 10  | 4   |
| 14                           | 2,7 | 5067  | 780  | 6   | 10  | 5,5 |
| 15                           | 2,9 | 5447  | 856  | 6   | 10  | 5,5 |
| 18                           | 3,4 | 6585  | 1045 | 6   | 10  | 7,5 |
| 19                           | 3,6 | 6965  | 1121 | 6   | 10  | 7,5 |
| 22                           | 4,3 | 8103  | 1387 | 6   | 10  | 7,5 |
| 24                           | 4,6 | 8862  | 1501 | 6   | 10  | 7,5 |
| 29                           | 5,5 | 10759 | 1842 | 6   | 8   | 9,2 |
| 36                           | 6,9 | 13415 | 2373 | 6   | 8   | 9,2 |
| 44                           | 8,3 | 16451 | 2905 | 6   | 6   | 9,2 |