

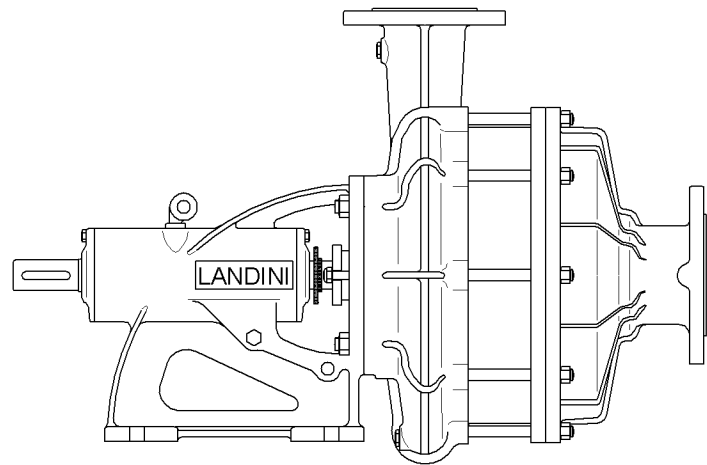
Pompe centrifughe orizzontali multistadio

Horizontal multistage centrifugal pumps

Pompes centrifuges multiétages horizontal

Mehrstufige Lagerstuhlpumpen

SERIE
MS



LANDINI

| Pompa tipo | Girante | Portata - Capacity - Débit - Fördermenge | | | | | | | | | | | | | | | | Motore el. kW |
|------------|----------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|
| | | mc/h | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 | |
| Pump type | Impeller | l/min | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | Electr. motor kW |
| Pompe type | Roue | USG/min | 79.3 | 106 | 132 | 158 | 185 | 211 | 238 | 264 | 317 | 370 | 423 | 475 | 528 | 528 | 634 | Moteur élect. kW |
| Pumpe Typ | Lauftrad | IG/min | 66 | 88 | 110 | 132 | 154 | 176 | 198 | 220 | 264 | 308 | 352 | 396 | 440 | 440 | 528 | Elektromotor kW |
| MSN50/2 | A | H | 33 | 30 | 25.5 | 20.5 | | | | | | | | | | | | 5.5 |
| | | P | 4.3 | 5 | 5.5 | 6 | | | | | | | | | | | | |
| MSN50/3 | A | H | 47 | 44 | 40 | 34 | | | | | | | | | | | | 7.5 |
| | | P | 5.7 | 7 | 8 | 8.7 | | | | | | | | | | | | |
| MS65/2 | A | H | 35.5 | 35 | 34 | 32.5 | 30 | 27.5 | 24 | | | | | | | | | 7.5 |
| | | P | 6 | 6.2 | 7 | 7.5 | 8 | 8.5 | 9 | | | | | | | | | |
| MS65/3 | A | H | 48.5 | 46.5 | 44.5 | 42 | 39 | 35 | 30 | | | | | | | | | 11 |
| | | P | 8 | 9.2 | 10 | 11 | 11.5 | 12 | 12.5 | | | | | | | | | |
| MS65/4 | A | H | 63 | 62 | 60 | 57 | 53 | 48 | 42 | | | | | | | | | 15 |
| | | P | 9.5 | 10.7 | 12 | 12.5 | 13.6 | 14.3 | 15 | | | | | | | | | |
| MS80/2 | B | H | | | | | 57 | 56 | 55 | 53 | 50 | 46 | 42 | 35 | | | | 22 |
| | | P | | | | | 18.5 | 19.5 | 20.5 | 22 | 23.5 | 24.5 | 25.5 | 27.5 | | | | |
| | A | H | | | | | 60 | 59 | 58 | 56 | 53 | 49 | 45 | 41 | | | | 30 |
| | | P | | | | | 20 | 21 | 22 | 24 | 25 | 26 | 27.5 | 29 | | | | |
| MS80/3 | C | H | | | | | 78 | 77 | 75.5 | 72.5 | 68 | 62.5 | 56 | 48.5 | 40 | | | 37 |
| | | P | | | | | 23 | 24 | 25.5 | 27.5 | 30 | 32 | 33.5 | 35 | 36 | | | |
| | B | H | | | | | 80 | 79.5 | 78 | 74.5 | 71 | 65 | 59 | 52 | 42.5 | | | |
| | | P | | | | | 24 | 25 | 26.5 | 29 | 31.5 | 33.5 | 35 | 36 | 38 | | | |
| A | H | | | | | 83 | 82.5 | 80.5 | 78 | 73.5 | 68 | 63 | 55.5 | 46 | | | | |
| | P | | | | | 25 | 26.5 | 27.5 | 30 | 32.5 | 35 | 36.5 | 39 | 40 | | | | |
| MS80/4 | D | H | | | | | 94 | 92 | 91 | 87 | 81 | 74 | 67 | 57 | | | | 37 |
| | | P | | | | | 26 | 27.6 | 28.8 | 31.8 | 34 | 36.3 | 38.6 | 40.2 | | | | |
| | C | H | | | | | 97 | 96 | 94 | 90 | 84 | 77 | 70 | 59 | | | | |
| | | P | | | | | 26.8 | 28.5 | 29.8 | 33 | 35.2 | 37.6 | 40 | 41.5 | | | | |
| | B | H | | | | | 99 | 98 | 96 | 92 | 87 | 80 | 72 | 61 | | | | |
| | | P | | | | | 27.7 | 29.5 | 30.8 | 34 | 36.2 | 39 | 41.3 | 43 | | | | |
| | A | H | | | | | 103 | 102 | 100 | 96 | 91 | 84 | 75 | 64 | | | | |
| | | P | | | | | 28.5 | 30.3 | 31.7 | 35 | 37.3 | 40 | 42.5 | 44.2 | | | | |
| | | H | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | | H | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | | H | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | | H | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |

H= Prevalenza in metri - Total manometric head in mts. - Hauteur manometrique en mt. - Förderhöhe in mt.

P= Potenza assorbita in CV - Absorbed power in HP - Puissance absorbée en CV - Leistungsaufnahme in PS

| Pompa tipo | Girante | Portata - Capacity - Débit - Fördermenge | | | | | | | | | | | | | | Motore el. kW | | | |
|------------|----------|--|------|------|------|------|------|------|------|------|------|------|-------|------|------|---------------|------|------------------|-----|
| | | mc/h | 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 | 192 | 216 | 240 | 264 | 288 | | 312 | 336 | |
| Pump type | Impeller | l/min | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3200 | 3600 | 4000 | 4400 | 4800 | 5200 | 5600 | Electr. motor kW | |
| Pompe type | Roue | USG/min | 423 | 475 | 528 | 581 | 634 | 687 | 740 | 793 | 846 | 951 | 1057 | 1162 | 1268 | 1379 | 1480 | Moteur élect. kW | |
| Pumpe Typ | Laufrad | IG/min | 352 | 396 | 440 | 484 | 528 | 572 | 616 | 660 | 704 | 792 | 880 | 968 | 1056 | 1144 | 1232 | Elektromotor kW | |
| MS100/2 | F | H | 65 | 64 | 62 | 59 | 56 | 53 | 50 | 47 | 42 | | | | | | | 45 | |
| | | P | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 49.5 | 51 | | | | | | | | |
| | E | H | 70 | 69 | 68 | 65 | 62 | 59 | 56 | 53 | 48 | | | | | | | 55 | |
| | | P | 39 | 41 | 44 | 46.5 | 49 | 51 | 53 | 54.5 | 56 | | | | | | | | |
| | D | H | 76 | 75 | 73 | 70.5 | 68 | 65 | 62 | 59 | 55 | 48 | | | | | | 75 | |
| | | P | 43 | 46 | 48 | 51 | 54 | 56 | 57.5 | 60 | 62 | 65 | | | | | | | |
| | C | H | 82 | 81 | 79 | 76.5 | 74 | 71 | 68 | 65 | 61 | 54 | | | | | | 75 | |
| | | P | 46 | 50 | 53 | 56 | 59 | 61 | 63.5 | 65 | 68 | 71 | | | | | | | |
| | B | H | 88 | 87 | 85 | 82.5 | 80 | 77 | 74.5 | 71 | 68 | 61 | | | | | | 75 | |
| | | P | 51 | 54 | 57 | 61 | 64 | 66 | 68.5 | 71 | 74 | 77 | | | | | | | |
| | A | H | 94 | 93 | 92 | 89 | 87 | 85 | 81 | 78 | 74 | 68 | | | | | | 75 | |
| | | P | 55 | 58.5 | 62 | 66 | 69 | 71 | 74 | 77 | 80 | 84 | | | | | | | |
| MS100/3 | F | H | 100 | 98 | 96 | 93 | 88 | 83 | 79 | 75 | 69 | | | | | | | 90 | |
| | | P | 55 | 58 | 61 | 66 | 69.5 | 73 | 75 | 77 | 80 | | | | | | | | |
| | E | H | 106 | 104 | 101 | 98 | 94 | 89 | 85 | 81 | 75 | | | | | | | 90 | |
| | | P | 58 | 62 | 65 | 70 | 73.5 | 77 | 80 | 83 | 86 | | | | | | | | |
| | D | H | 112 | 110 | 108 | 105 | 100 | 95 | 92 | 87 | 81 | 71 | | | | | | 90 | |
| | | P | 61 | 65 | 69 | 74 | 77.5 | 81 | 84 | 87 | 91 | 96 | | | | | | | |
| | C | H | 118 | 116 | 114 | 111 | 107 | 103 | 99 | 94 | 87 | 78 | | | | | | 90 | |
| | | P | 65 | 69 | 73 | 78 | 81.5 | 85 | 89 | 92 | 97 | 101 | | | | | | | |
| | B | H | 124 | 122 | 120 | 117 | 113 | 110 | 105 | 100 | 93 | 84 | | | | | | 90 | |
| | | P | 70 | 74 | 78 | 83 | 86.5 | 90 | 94 | 98 | 102 | 107 | | | | | | | |
| | A | H | 130 | 128 | 126 | 123 | 119 | 116 | 111 | 107 | 100 | | | | | | | 90 | |
| | | P | 74 | 78.5 | 83 | 88 | 92.5 | 95.5 | 99 | 103 | 108 | | | | | | | | |
| MS125/2 | E | H | | | 77 | 76 | 75 | 73.5 | 72 | 70 | 68.5 | 65.5 | 60 | 53 | 47 | | | 75 | |
| | | P | | | 53 | 55 | 57 | 59.2 | 61.2 | 63.9 | 66.6 | 70.7 | 74.8 | 77.5 | 81.6 | | | | |
| | D | H | | | 83 | 82 | 81 | 80 | 79 | 77.5 | 76 | 71.5 | 67.5 | 61 | 54 | | | 75 | |
| | | P | | | 58.8 | 60.5 | 62.5 | 64.6 | 66.6 | 70 | 73.4 | 78.8 | 83 | 87 | 89.8 | | | | |
| | C | H | | | 87 | 86 | 85 | 84 | 83 | 81.5 | 80 | 77.5 | 73.5 | 67 | 62 | | | 90 | |
| | | P | | | 62.5 | 64.6 | 66.6 | 69.4 | 72 | 75.5 | 78.9 | 85.7 | 89.7 | 95.2 | 99.3 | | | | |
| | B | H | | | 92 | 91 | 90 | 89 | 88 | 87 | 86 | 83.5 | 80.5 | 76 | 71 | | | 90 | |
| | | P | | | 66.6 | 69.4 | 72 | 74.8 | 77.5 | 80.8 | 84.3 | 92.5 | 96.5 | 102 | 107 | | | | |
| | A | H | | | 98 | 97.5 | 97 | 96.5 | 96 | 95 | 94 | 90 | 87 | 82 | 77 | | | 90 | |
| | | P | | | 70.5 | 73 | 77 | 81 | 83.5 | 87 | 90 | 97 | 103.4 | 110 | 115 | | | | |
| | MS125/3 | G | H | | | 103 | 102 | 101 | 100 | 98 | 96 | 93 | 88 | 81 | 74 | 65 | | | 110 |
| | | | P | | | 76 | 76.8 | 78.8 | 81.5 | 84 | 87.5 | 91 | 96.5 | 100 | 106 | 111 | | | |
| F | | H | | | 108 | 107 | 106 | 105 | 103 | 100 | 98 | 94 | 87 | 79 | 71 | | | 110 | |
| | | P | | | 79 | 81 | 83 | 85 | 87 | 90 | 94 | 99 | 105 | 110 | 115 | | | | |
| E | | H | | | 113 | 112 | 111 | 110 | 108 | 106 | 104 | 99 | 93 | 85 | 78 | | | 110 | |
| | | P | | | 81.5 | 83.5 | 85.5 | 88 | 91 | 94 | 98 | 105 | 111 | 117 | 123 | | | | |
| D | | H | | | 119 | 118 | 117 | 116 | 114 | 112 | 110 | 106 | 100 | 93 | | | | 110 | |
| | | P | | | 87 | 89.5 | 92 | 95 | 98 | 103 | 109 | 113 | 119 | 123 | | | | | |
| C | | H | | | 125 | 124 | 123 | 122 | 120 | 118 | 116 | 112 | 107 | | | | | 110 | |
| | | P | | | 90 | 93 | 96.5 | 100 | 103 | 107 | 110 | 118 | 124 | | | | | | |

H= Prevalenza in metri - Total manometric head in mts. - Hauteur manometrique en mt. - Förderhöhe in mt.

P= Potenza assorbita in CV - Absorbed power in HP - Puissance absorbée en CV - Leistungsaufnahme in PS

| Pompa tipo | Girante | Portata - Capacity - Débit - Fördermenge | | | | | | | | | | | | | | | | Motore el. kW | |
|------------|----------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|--|
| | | mc/h | 18 | 24 | 30 | 36 | 42 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 135 | 150 | 165 | | |
| Pump type | Impeller | l/min | 300 | 400 | 500 | 600 | 700 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2250 | 2500 | 2750 | Electr. motor kW | |
| Pompe type | Roue | USG/min | 79.3 | 106 | 132 | 158 | 185 | 211 | 264 | 317 | 370 | 423 | 475 | 528 | 594 | 660 | 726 | Moteur élect. kW | |
| Pumpe Typ | Laufrad | IG/min | 66 | 88 | 110 | 132 | 154 | 176 | 220 | 264 | 308 | 352 | 396 | 440 | 495 | 550 | 605 | Elektromotor kW | |
| MSN50/2 | A | H | 49.5 | 47 | 43 | 38 | 32 | | | | | | | | | | | 11 | |
| | | P | 7 | 8 | 8.8 | 9.6 | 10.2 | | | | | | | | | | | | |
| MSN50/3 | A | H | 69.5 | 66 | 62.5 | 57 | 50 | | | | | | | | | | | 11 | |
| | | P | 9.2 | 10.7 | 12 | 13.2 | 14.2 | | | | | | | | | | | | |
| MS65/2 | A | H | 53 | 52.5 | 51.5 | 50 | 48 | 43 | 35 | 24 | | | | | | | | 15 | |
| | | P | 9.5 | 10.2 | 11 | 12 | 13 | 14.8 | 16 | 16.5 | | | | | | | | | |
| MS65/3 | A | H | 71 | 70 | 69 | 66 | 63 | 54 | 41 | 25 | | | | | | | | 18.5 | |
| | | P | 13 | 14 | 15 | 16 | 17.5 | 19.5 | 21 | 21.5 | | | | | | | | | |
| MS65/4 | C | H | 85 | 84 | 83 | 81 | 77 | 68 | 54 | 42 | | | | | | | | 22 | |
| | | P | 13.8 | 15.6 | 17.2 | 18.5 | 19.8 | 22 | 23.7 | 24.6 | | | | | | | | | |
| | B | H | 88 | 87 | 86 | 84 | 80 | 71 | 57 | 44 | | | | | | | | | |
| | | P | 14.5 | 16.4 | 18 | 19.4 | 20.8 | 23 | 24.7 | 25.7 | | | | | | | | | |
| | A | H | 91 | 90 | 89 | 87 | 84 | 74 | 59 | 46 | | | | | | | | | |
| | | P | 15 | 17 | 18.7 | 20 | 21.6 | 23.8 | 25.7 | 26.7 | | | | | | | | | |
| MS80/2 | B | H | | | | | | 85 | 84 | 82 | 80 | 77 | 73.5 | 68 | 62 | 53 | | 37 | |
| | | P | | | | | | | 27 | 30.5 | 33 | 36 | 39 | 41.5 | 44 | 46.5 | 49 | | |
| | A | H | | | | | | 89.5 | 88.5 | 86.5 | 84.5 | 81 | 77.5 | 72 | 66 | 57 | | 45 | |
| | | P | | | | | | | 29.5 | 32.8 | 35.5 | 38.5 | 41.5 | 44 | 46.5 | 49 | 51.5 | | |
| MS80/3 | C | H | | | | | | 117 | 115 | 112 | 108 | 103 | 97 | 90 | 81 | 71 | | 55 | |
| | | P | | | | | | | 37 | 42 | 46 | 49 | 52.5 | 55 | 58 | 60.5 | 61.5 | | |
| | B | H | | | | | | 121 | 119 | 116 | 111 | 106 | 101 | 94 | 85 | 75 | | | |
| | | P | | | | | | | 39 | 43 | 47 | 51 | 54 | 57 | 61 | 63 | 66 | | |
| | A | H | | | | | | 125 | 123 | 120 | 116 | 111 | 105 | 99 | 90 | 79 | | | |
| | | P | | | | | | | 42.5 | 47 | 50.5 | 54.5 | 57.5 | 61.5 | 63.5 | 66.5 | 69.5 | | |
| MS80/4 | D | H | | | | | | 137 | 135 | 133 | 128 | 122 | 114 | | | | | 55 | |
| | | P | | | | | | | 39.5 | 43.8 | 50 | 54.5 | 59.5 | 63.5 | | | | | |
| | C | H | | | | | | 140 | 138 | 136 | 132 | 127 | 119 | | | | | | |
| | | P | | | | | | | 40.5 | 45.3 | 50.7 | 56.3 | 61.5 | 65.8 | | | | | |
| | B | H | | | | | | 143 | 141 | 139 | 136 | 131 | 122 | | | | | | |
| | | P | | | | | | | 41.8 | 46.8 | 52.5 | 58.3 | 63.5 | 68 | | | | | |
| A | H | | | | | | 148 | 146 | 144 | 141 | 135 | 126 | | | | | | | |
| | P | | | | | | | 43 | 48 | 54 | 60 | 65.5 | 70 | | | | | | |
| | | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |
| | | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |
| | | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |
| | | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |

H= Prevalenza in metri - Total manometric head in mts. - Hauteur manometrique en mt. - Förderhöhe in mt.

P= Potenza assorbita in CV - Absorbed power in HP - Puissance absorbée en CV - Leistungsaufnahme in PS

| Pompa tipo | Girante | Portata - Capacity - Débit - Fördermenge | | | | | | | | | | | | | | | | Motore el. kW |
|------------|----------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | | mc/h | 96 | 108 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 240 | 264 | 288 | 312 | 336 | 360 | |
| Pump type | Impeller | l/min | 1600 | 1800 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 4000 | 4400 | 4800 | 5200 | 5600 | 6000 | Electr.motor kW |
| Pompe type | Roue | USG/min | 423 | 475 | 528 | 594 | 660 | 726 | 793 | 858 | 925 | 1057 | 1162 | 1268 | 1379 | 1480 | 1585 | Moteur élect.kW |
| Pumpe Typ | Laufrad | IG/min | 352 | 396 | 440 | 495 | 550 | 605 | 660 | 715 | 770 | 880 | 968 | 1056 | 1144 | 1232 | 1320 | Elektromotor kW |

| | | | | | | | | | | | | |
|---------|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MS100/2 | F | H | 95 | 94 | 92 | 89 | 86 | 81 | 76 | 70 | 75 | |
| | | P | 62 | 66 | 70 | 74 | 77 | 80 | 84 | 86 | | |
| | E | H | 102 | 101 | 100 | 97 | 94 | 89 | 85 | 79 | 90 | |
| | | P | 68 | 72 | 76 | 81 | 85 | 88 | 92 | 94 | | |
| | D | H | 111 | 110 | 108 | 106 | 102 | 98 | 94 | 88 | 79 | 110 |
| | | P | 74 | 78 | 84 | 88 | 93 | 97 | 101 | 104 | 110 | |
| | C | H | 119 | 117 | 116 | 114 | 111 | 107 | 103 | 97 | 86 | 132 |
| | | P | 82 | 86 | 92 | 97 | 101 | 106 | 110 | 114 | 120 | |
| | B | H | 128 | 126 | 125 | 123 | 120 | 116 | 111 | 106 | 95 | 110 |
| | | P | 88 | 93 | 99 | 105 | 110 | 115 | 120 | 124 | 128 | |
| | A | H | 137 | 135 | 134 | 132 | 129 | 126 | 122 | 117 | 105 | 132 |
| | | P | 96 | 101 | 107 | 113 | 119 | 125 | 130 | 134 | 138 | |
| MS100/3 | F | H | 148 | 146 | 143 | 139 | 134 | 128 | 121 | 114 | 100 | 132 |
| | | P | 94 | 99 | 105 | 111 | 117 | 123 | 129 | 135 | 142 | |
| | E | H | 156 | 155 | 152 | 148 | 143 | 137 | 130 | 122 | 108 | |
| | | P | 100 | 105 | 112 | 118 | 125 | 131 | 137 | 143 | 150 | |
| | D | H | 164 | 162 | 159 | 156 | 151 | 145 | 139 | 131 | 116 | |
| | | P | 106 | 112 | 119 | 125 | 132 | 139 | 145 | 151 | 158 | |

| | | | | | | | | | | | | | | |
|---------|---|---|------|------|-----|-----|------|------|-----|------|-----|-----|-----|-----|
| MS125/2 | G | H | 94 | 93.5 | 93 | 91 | 89 | 84 | 78 | 72 | 65 | 53 | 45 | 110 |
| | | P | 75 | 79.5 | 84 | 86 | 88.5 | 96.5 | 102 | 106 | 110 | 114 | 120 | |
| | F | H | 102 | 101 | 100 | 98 | 96.5 | 90 | 85 | 79 | 71 | 65 | 54 | 132 |
| | | P | 85.5 | 88 | 95 | 98 | 100 | 109 | 114 | 120 | 124 | 128 | 132 | |
| | E | H | 108 | 107 | 106 | 104 | 101 | 98 | 92 | 87 | 79 | 74 | 65 | |
| | | P | 98 | 101 | 105 | 108 | 112 | 118 | 125 | 133 | 137 | 143 | 147 | |
| | D | H | 117 | 116 | 115 | 114 | 112 | 107 | 102 | 97.5 | 90 | 84 | | |
| | | P | 100 | 105 | 110 | 114 | 118 | 129 | 137 | 142 | 150 | 155 | | |
| | C | H | 125 | 124 | 123 | 121 | 119 | 116 | 111 | 106 | 98 | | | |
| | | P | 105 | 110 | 115 | 121 | 126 | 139 | 145 | 154 | 162 | | | |

| | | | | | | | | | | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | H | | | | | | | | | | | | | | | | | |
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| | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |
| | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | |

H= Prevalenza in metri - Total manometric head in mts. - Hauteur manometrique en mt. - Förderhöhe in mt.

P= Potenza assorbita in CV - Absorbed power in HP - Puissance absorbée en CV - Leistungsaufnahme in PS

| Pompa tipo | Girante | Portata - Capacity - Débit - Fördermenge | | | | | | | | | | | | | | | | | | | | |
|------------|----------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|
| | | mc/h | 18 | 24 | 30 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 135 | 150 | 165 | 180 | 210 | 240 | | | |
| Pump type | Impeller | l/min | 300 | 400 | 500 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2250 | 2500 | 2750 | 3000 | 3500 | 4000 | | | |
| Pompe type | Roue | USG/min | 79.3 | 106 | 132 | 158 | 211 | 264 | 317 | 370 | 423 | 475 | 528 | 594 | 660 | 726 | 793 | 925 | 1057 | | | |
| Pumpe Typ | Lauftrad | IG/min | 66 | 88 | 110 | 132 | 176 | 220 | 264 | 308 | 352 | 396 | 440 | 495 | 550 | 605 | 660 | 770 | 880 | | | |
| MSN50/2 | A | H | 64.5 | 62.5 | 59 | 54.5 | 41 | | | | | | | | | | | | | | | |
| | | P | 9.7 | 11 | 12 | 13.2 | 15 | | | | | | | | | | | | | | | |
| MSN50/3 | B | H | 86.5 | 85 | 82 | 77 | 63 | | | | | | | | | | | | | | | |
| | | P | 12 | 13 | 15.8 | 17.5 | 20 | | | | | | | | | | | | | | | |
| | A | H | 90 | 88.5 | 85.5 | 81 | 66.5 | | | | | | | | | | | | | | | |
| | | P | 13 | 15 | 16.7 | 18.5 | 21.5 | | | | | | | | | | | | | | | |
| MS65/2 | A | H | | 70 | 69 | 68 | 66 | 61 | 54 | 45 | | | | | | | | | | | | |
| | | P | | 14 | 15 | 16 | 17 | 20 | 22 | 23.5 | | | | | | | | | | | | |
| MS65/3 | A | H | | 94 | 93 | 91 | 87 | 80 | 67 | 51 | | | | | | | | | | | | |
| | | P | | 18.5 | 20.5 | 22.5 | 26 | 28 | 30 | 32 | | | | | | | | | | | | |
| MS65/4 | D | H | | 109 | 108 | 107 | 101 | 92 | 82 | 69 | 51 | | | | | | | | | | | |
| | | P | | 18.4 | 21 | 22.8 | 26.2 | 29.3 | 31.8 | 33.2 | 34.5 | | | | | | | | | | | |
| | C | H | | 112 | 111 | 110 | 105 | 95 | 85 | 72 | 53 | | | | | | | | | | | |
| | | P | | 19.2 | 22 | 23.8 | 27.5 | 30.5 | 33.2 | 34.7 | 36 | | | | | | | | | | | |
| | B | H | | 115 | 114 | 113 | 109 | 99 | 87 | 75 | 55 | | | | | | | | | | | |
| | | P | | 20 | 22.7 | 24.8 | 28.5 | 31.8 | 34.5 | 36 | 37.6 | | | | | | | | | | | |
| | A | H | | 120 | 119 | 118 | 113 | 104 | 91 | 77 | 58 | | | | | | | | | | | |
| | | P | | 20.7 | 23.6 | 25.7 | 29.6 | 33 | 36 | 37.6 | 39 | | | | | | | | | | | |
| MS80/2 | D | H | | | | | 102 | 100 | 98 | 96 | 93 | 90 | 85 | 79 | 73 | | | | | | | |
| | | P | | | | | 37.5 | 40.5 | 43.5 | 46.5 | 50.5 | 52.5 | 55.5 | 58.5 | 61.5 | | | | | | | |
| | C | H | | | | | 107 | 105 | 103 | 101 | 98 | 94 | 90 | 84 | 77 | | | | | | | |
| | | P | | | | | 39.5 | 42.5 | 46.5 | 49.5 | 52.5 | 55.5 | 58.5 | 61.5 | 64.5 | | | | | | | |
| | B | H | | | | | 112 | 110 | 108 | 106 | 103 | 99 | 95 | 89 | 82 | | | | | | | |
| | | P | | | | | 41.5 | 45.5 | 48.5 | 51.5 | 55.5 | 58.5 | 61.5 | 64.5 | 67.5 | | | | | | | |
| | A | H | | | | | 117 | 115 | 113 | 111 | 108 | 104 | 100 | 94 | 87 | | | | | | | |
| | | P | | | | | 44.5 | 48 | 51.5 | 55.5 | 59 | 62.5 | 65.5 | 68.5 | 72 | | | | | | | |
| MS80/3 | E | H | | | | | 145 | 143 | 140 | 136 | 131 | 126 | 120 | 111 | 102 | | | | | | | |
| | | P | | | | | 49.5 | 54.5 | 58.5 | 62.5 | 67.5 | 71.5 | 75.5 | 81.5 | 86.5 | | | | | | | |
| | D | H | | | | | 150 | 148 | 145 | 141 | 137 | 131 | 125 | 116 | 106 | | | | | | | |
| | | P | | | | | 51.5 | 56.5 | 60.5 | 64.5 | 69.5 | 73.5 | 78.5 | 83.5 | 89.5 | | | | | | | |
| | C | H | | | | | 154 | 152 | 150 | 146 | 141 | 136 | 129 | 120 | 110 | | | | | | | |
| | | P | | | | | 53.5 | 58.5 | 63.5 | 67.5 | 72.5 | 76.5 | 81.5 | 87.5 | 92.5 | | | | | | | |
| | B | H | | | | | 159 | 157 | 154 | 151 | 146 | 141 | 134 | 125 | 116 | | | | | | | |
| | | P | | | | | 55.5 | 61.5 | 65.5 | 70.5 | 75.5 | 80.5 | 84.5 | 90.5 | 95.5 | | | | | | | |
| | A | H | | | | | 164 | 162 | 159 | 155 | 151 | 146 | 140 | 132 | 122 | | | | | | | |
| | | P | | | | | 58 | 63.5 | 68.5 | 73 | 78 | 83 | 87.5 | 92.5 | 97.5 | | | | | | | |
| MS100/2 | F | H | | | | | | | | | | | 124 | 122 | 120 | 117 | 113 | 103 | 92 | | | |
| | | P | | | | | | | | | | | 91 | 97 | 102 | 107 | 112 | 121 | 128 | | | |
| | E | H | | | | | | | | | | | | 134 | 132 | 130 | 128 | 124 | 114 | 103 | | |
| | | P | | | | | | | | | | | 100 | 106 | 112 | 119 | 123 | 133 | 140 | | | |
| | D | H | | | | | | | | | | | | | 144 | 143 | 141 | 138 | 135 | 126 | 115 | |
| | | P | | | | | | | | | | | 109 | 116 | 122 | 129 | 135 | 146 | 155 | | | |
| | C | H | | | | | | | | | | | | | | 156 | 154 | 152 | 150 | 146 | 138 | 127 |
| | | P | | | | | | | | | | | 119 | 126 | 133 | 140 | 147 | 159 | 170 | | | |

H= Prevalenza in metri - Total manometric head in mts. - Hauteur manometrique en mt. - Förderhöhe in mt.

P= Potenza assorbita in CV - Absorbed power in HP - Puissance absorbée en CV - Leistungsaufnahme in PS

| Pompa tipo | Girante | Portata - Capacity - Débit - Fördermenge | | | | | | | | | | | | | | | | | |
|------------|----------|--|------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| | | mc/h | 18 | 24 | 30 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 135 | 150 | 165 | 180 | 195 | 210 |
| Pump type | Impeller | l/min | 300 | 400 | 500 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 |
| Pompe type | Roue | USG/min | 79.3 | 106 | 132 | 158 | 211 | 264 | 317 | 370 | 423 | 475 | 528 | 594 | 660 | 726 | 793 | 858 | 925 |
| Pumpe Typ | Laufrad | IG/min | 66 | 88 | 110 | 132 | 176 | 220 | 264 | 308 | 352 | 396 | 440 | 495 | 550 | 605 | 660 | 715 | 770 |

| | | | | | | | | | | | | | | | | | | | |
|---------|---|----|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|
| MSN50/2 | D | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |
| | C | H | 83 | 82 | 79 | 75 | 63 | | | | | | | | | | | | |
| | | P | 12.8 | 14.5 | 16 | 17.7 | 20.5 | | | | | | | | | | | | |
| | B | H | 88 | 87 | 84 | 80 | 68 | | | | | | | | | | | | |
| | | P | 13.5 | 15.5 | 17 | 19 | 22 | | | | | | | | | | | | |
| A | H | 93 | 92 | 89 | 85 | 73 | | | | | | | | | | | | | |
| | P | 15 | 17 | 18.5 | 20.5 | 23.5 | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|---------|---|---|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|
| MSN50/3 | E | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |
| | D | H | 118 | 116 | 113 | 108 | 94 | | | | | | | | | | | | |
| | | P | 18.5 | 21 | 23.5 | 25.5 | 29.5 | | | | | | | | | | | | |
| | C | H | 122 | 120 | 117 | 113 | 98 | | | | | | | | | | | | |
| | | P | 19.5 | 22 | 24.5 | 27 | 30.5 | | | | | | | | | | | | |
| | B | H | 126 | 125 | 122 | 118 | 104 | | | | | | | | | | | | |
| | | P | 20.5 | 23 | 25.7 | 28 | 32.5 | | | | | | | | | | | | |
| | A | H | 132 | 130 | 128 | 123 | 110 | | | | | | | | | | | | |
| | | P | 21.5 | 24.5 | 27 | 29.5 | 34.5 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|--------|---|-----|------|------|------|------|------|----|------|------|--|--|--|--|--|--|--|--|--|
| MS65/2 | D | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |
| | C | H | 89 | 88 | 87 | 85 | 82 | 76 | 67 | 58 | | | | | | | | | |
| | | P | 18 | 19 | 21 | 24 | 27 | 30 | 31 | 33 | | | | | | | | | |
| | B | H | 95 | 94 | 93 | 91 | 87 | 81 | 73 | 63 | | | | | | | | | |
| | | P | 19 | 21 | 22.5 | 26 | 29.5 | 32 | 34 | 35.5 | | | | | | | | | |
| A | H | 100 | 99 | 98 | 96 | 93 | 87 | 79 | 69 | | | | | | | | | | |
| | P | 21 | 22.5 | 24.5 | 28 | 31.5 | 34.5 | 37 | 38.5 | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|--------|---|---|------|-----|-----|-----|------|------|-----|------|--|--|--|--|--|--|--|--|--|
| MS65/3 | E | H | | | | | | | | | | | | | | | | | |
| | | P | | | | | | | | | | | | | | | | | |
| | D | H | 120 | 119 | 117 | 114 | 107 | 97 | 83 | 63 | | | | | | | | | |
| | | P | 25 | 27 | 29 | 33 | 38 | 41 | 42 | 43 | | | | | | | | | |
| | C | H | 125 | 124 | 122 | 118 | 112 | 102 | 89 | 69 | | | | | | | | | |
| | | P | 26 | 28 | 31 | 35 | 40 | 43 | 45 | 46 | | | | | | | | | |
| | B | H | 129 | 128 | 127 | 123 | 117 | 108 | 95 | 75 | | | | | | | | | |
| | | P | 28 | 30 | 32 | 37 | 41 | 45 | 48 | 49 | | | | | | | | | |
| | A | H | 135 | 134 | 132 | 128 | 122 | 113 | 100 | 81 | | | | | | | | | |
| | | P | 29.5 | 32 | 34 | 39 | 43.5 | 47.5 | 51 | 53.5 | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|--------|---|---|--|--|--|--|-----|-----|-----|------|------|------|-----|-----|------|------|--|--|--|
| MS80/2 | D | H | | | | | 146 | 144 | 142 | 140 | 137 | 133 | 129 | 124 | 119 | 111 | | | |
| | | P | | | | | 59 | 64 | 68 | 73 | 77 | 81 | 85 | 90 | 95.5 | 98.5 | | | |
| | C | H | | | | | 152 | 150 | 148 | 146 | 143 | 140 | 136 | 130 | 125 | 117 | | | |
| | | P | | | | | 62 | 67 | 72 | 76.5 | 81.5 | 85.5 | 90 | 95 | 100 | 103 | | | |
| | B | H | | | | | 159 | 157 | 155 | 153 | 150 | 147 | 143 | 138 | 132 | | | | |
| | | P | | | | | 65 | 71 | 76 | 80.5 | 86 | 90.5 | 95 | 101 | 105 | | | | |
| | A | H | | | | | 166 | 164 | 162 | 160 | 157 | 154 | 150 | 145 | | | | | |
| | | P | | | | | 69 | 75 | 81 | 86 | 91 | 96 | 100 | 106 | | | | | |

H= Prevalenza in metri - Total manometric head in mts. - Hauteur manometrique en mt. - Förderhöhe in mt.

P= Potenza assorbita in CV - Absorbed power in HP - Puissance absorbée en CV - Leistungsaufnahme in PS

| Pompa tipo | Girante | Portata - Capacity - Débit - Fördermenge | | | | | | | | | | | | | | | | | | | |
|------------|----------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | | mc/h | 18 | 24 | 30 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | | |
| Pump type | Impeller | l/min | 300 | 400 | 500 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | | |
| Pompe type | Roue | USG/min | 79.3 | 106 | 132 | 158 | 211 | 264 | 317 | 370 | 423 | 475 | 528 | 594 | 660 | 726 | 793 | 858 | 925 | | |
| Pumpe Typ | Laufrad | lG/min | 66 | 88 | 110 | 132 | 176 | 220 | 264 | 308 | 352 | 396 | 440 | 495 | 550 | 605 | 660 | 715 | 770 | | |
| MSN50/2 | D | H | 97 | 95 | 92.5 | 88 | 76 | | | | | | | | | | | | | | |
| | | P | 15.5 | 17.2 | 19.3 | 21 | 24.5 | | | | | | | | | | | | | | |
| | C | H | 103 | 101 | 98 | 94 | 83 | | | | | | | | | | | | | | |
| | | P | 17 | 19 | 21 | 23 | 26.5 | | | | | | | | | | | | | | |
| | B | H | 109 | 107 | 104 | 101 | 89 | | | | | | | | | | | | | | |
| | | P | 18.5 | 20 | 22.5 | 25 | 28.7 | | | | | | | | | | | | | | |
| A | H | 115 | 113 | 111 | 107 | 96 | | | | | | | | | | | | | | | |
| | P | 19.5 | 21.8 | 24.2 | 26.5 | 30.5 | | | | | | | | | | | | | | | |
| MSN50/3 | E | H | 138 | 136 | 134 | 129 | 116 | | | | | | | | | | | | | | |
| | | P | 22 | 25 | 28.3 | 31 | 36 | | | | | | | | | | | | | | |
| | D | H | 143 | 142 | 139 | 135 | 122 | | | | | | | | | | | | | | |
| | | P | 23 | 26.5 | 29 | 32.5 | 37.7 | | | | | | | | | | | | | | |
| | C | H | 149 | 147 | 145 | 140 | 128 | | | | | | | | | | | | | | |
| | | P | 24 | 27.8 | 31.3 | 34.2 | 39.3 | | | | | | | | | | | | | | |
| | B | H | 155 | 153 | 151 | 146 | 134 | | | | | | | | | | | | | | |
| | | P | 26.5 | 29.8 | 33.5 | 36.8 | 42.2 | | | | | | | | | | | | | | |
| | A | H | 161 | 159 | 157 | 153 | 140 | | | | | | | | | | | | | | |
| | | P | 27 | 30.7 | 34.2 | 37.6 | 43.8 | | | | | | | | | | | | | | |
| MS65/2 | D | H | 104 | 103 | 102 | 99 | 96 | 91 | 83 | 71 | | | | | | | | | | | |
| | | P | 21.5 | 23 | 26 | 30 | 33 | 36 | 38 | 39 | | | | | | | | | | | |
| | C | H | 109 | 108 | 107 | 105 | 102 | 97 | 88 | 74 | | | | | | | | | | | |
| | | P | 22 | 25 | 27 | 32 | 36 | 39 | 41 | 43 | | | | | | | | | | | |
| | B | H | 116 | 115 | 114 | 112 | 110 | 104 | 95 | 79 | | | | | | | | | | | |
| | | P | 24 | 27 | 29 | 34 | 38 | 41 | 44 | 46 | | | | | | | | | | | |
| A | H | 123 | 122 | 121 | 119 | 116 | 110 | 103 | 94 | | | | | | | | | | | | |
| | P | 28 | 30 | 32 | 37 | 41 | 44.5 | 47.5 | 50 | | | | | | | | | | | | |
| MS65/3 | E | H | 141 | 140 | 138 | 135 | 129 | 119 | 106 | 90 | | | | | | | | | | | |
| | | P | 30 | 33 | 36 | 42 | 46 | 50 | 53 | 54 | | | | | | | | | | | |
| | D | H | 147 | 146 | 144 | 141 | 135 | 126 | 113 | 97 | | | | | | | | | | | |
| | | P | 32 | 35 | 38 | 44 | 49 | 53 | 56 | 57 | | | | | | | | | | | |
| | C | H | 152 | 151 | 150 | 146 | 140 | 132 | 119 | 103 | | | | | | | | | | | |
| | | P | 33 | 37 | 40 | 46 | 51 | 56 | 59 | 61 | | | | | | | | | | | |
| | B | H | 158 | 157 | 155 | 152 | 146 | 138 | 125 | 111 | | | | | | | | | | | |
| | | P | 35 | 39 | 42 | 48 | 54 | 58 | 62 | 64 | | | | | | | | | | | |
| | A | H | 165 | 163 | 162 | 158 | 153 | 145 | 132 | 117 | | | | | | | | | | | |
| | | P | 37 | 41 | 44.5 | 51 | 56 | 61 | 65 | 68 | | | | | | | | | | | |
| MSN80/2 | D | H | | | | | | 129 | 128 | 125 | 122 | 117 | 112 | 103 | 93 | 82 | | | | | |
| | | P | | | | | | 54.5 | 58.5 | 62.5 | 66.5 | 70.5 | 74.5 | 78.5 | 83.5 | 86.5 | | | | | |
| | C | H | | | | | | 137 | 136 | 133 | 129 | 125 | 119 | 111 | 101 | 90 | | | | | |
| | | P | | | | | | 57.5 | 61.5 | 66.5 | 70.5 | 74.5 | 78.5 | 83.5 | 87.5 | 92.5 | | | | | |
| | B | H | | | | | | 142 | 141 | 140 | 137 | 132 | 127 | 118 | 109 | 98 | | | | | |
| | | P | | | | | | 62 | 66.5 | 70.5 | 75.5 | 79.5 | 83.5 | 88.5 | 93.5 | 98.5 | | | | | |
| | A | H | | | | | | 149 | 148 | 147 | 144 | 140 | 134 | 126 | 116 | 104 | | | | | |
| | | P | | | | | | 66 | 71 | 76 | 80 | 85 | 90 | 95 | 100 | 105 | | | | | |

H= Prevalenza in metri - Total manometric head in mts. - Hauteur manométrique en mt. - Förderhöhe in mt.

P= Potenza assorbita in CV - Absorbed power in HP - Puissance absorbée en CV - Leistungsaufnahme in PS

Dati tecnici di costruzione e funzionamento - Technical data of construction and working
Données techniques de construction et fonctionnement - Technische Daten-Bau und Betrieb

PRODUZIONE STANDARD

STANDARD EXECUTION

EXÉCUTION STANDARD

STANDARD PRODUKTION

-
- Le parti idrauliche e i supporti sono in ghisa, gli alberi di trasmissione in acciaio al carbonio bonificati, i cuscinetti lubrificati ad olio. Le tenute sull'albero a baderna o meccanica (per lavoro max a 11 BAR) con facce di contatto in carburo di tungsteno.
 - The hydraulic components and supports are in cast iron, the transmission shafts are in heat-treated carbon steel, the bearings are oil lubricated. The seals on shaft are stuffing box or machanical with contact faces in tungsten carbide (max 11 BAR working).

- Francese.

- Tedesco

-
- Queste macchine sono realizzate per pompare acqua dolce, pulita e chimicamente non aggressiva. Il contenuto, in sospensione, di sostanze solide del limo può essere al massimo in durezza e granulometria di 20 g/m³
 - These equipment are built for pumping clean fresh water, chemically non-aggressive. Max content, in suspension, of solid substances of the slime can be in grain size and hardness of 20 g/m³

- Francese

- Tedesco

-
- Il senso di rotazione è antiorario guardando la bocca di aspirazione. L'orientamento della bocca di mandata è radiale verso l'alto, ma può essere, a richiesta, ruotato di 90° a destra o a sinistra.
 - The direction of rotation is counter clockwise viuwed from suction side. The discharge body positioning is radial upward, but on request cab be turned of 90° at right or left.

- Francese

- Tedesco

-
- Le macchine possono funzionare a bocca chiusa con liquido a 20°C per un tempo di 15 min.
 - The maximum operating time with closed discharge and liquid at 20°C (68°F) is 15 min..

- Francese.

- Tedesco.

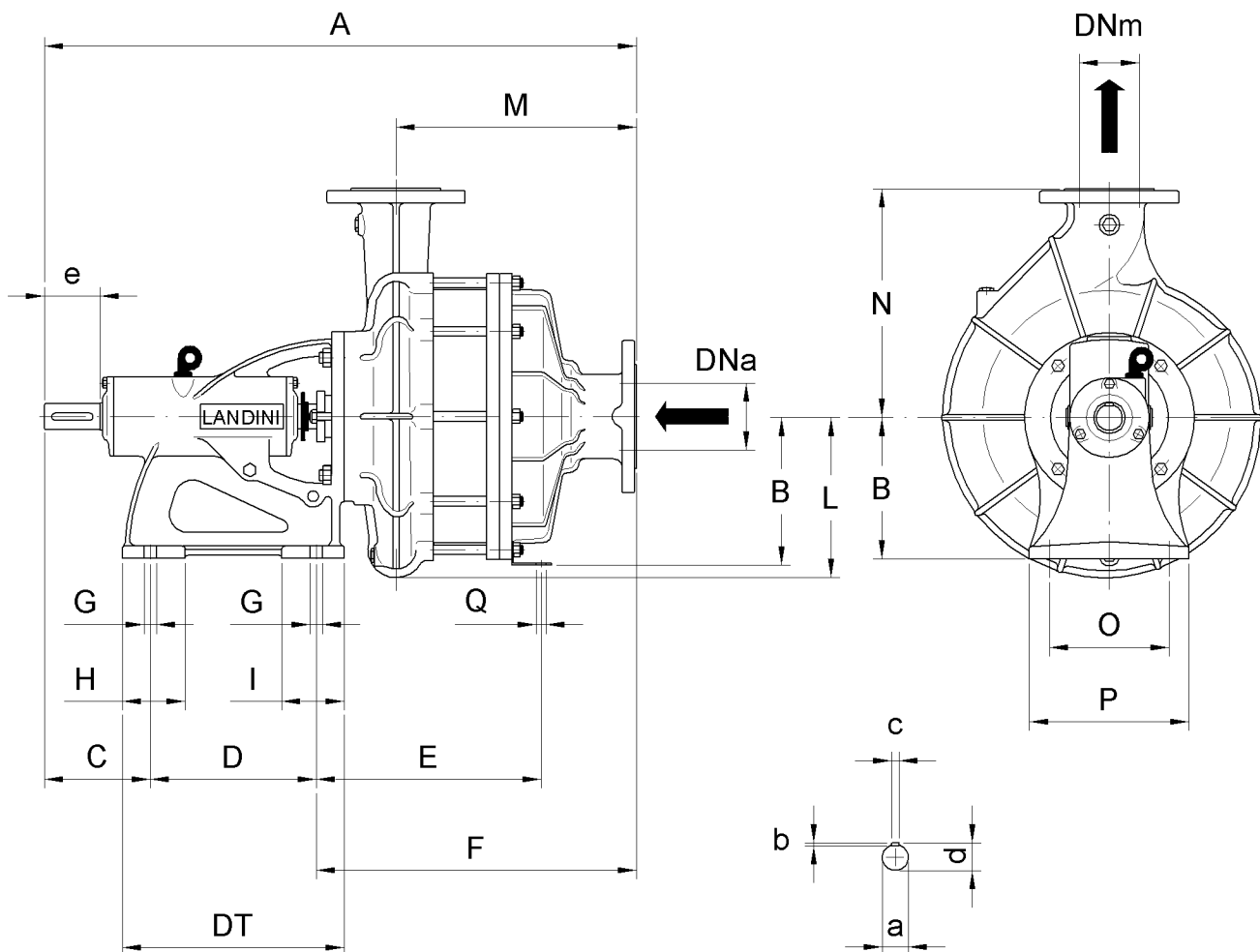
-
- In esecuzione speciale e a richiesta si possono avere alberi in acciaio inox e giranti in bronzo.
 - On demand and special version, stainless steel shafts and bronze impellers are available.

- Francese.

- Tedesco.

Dimensioni e ingombri - Overall dimensions - Dimensions d'encombrement - Maße

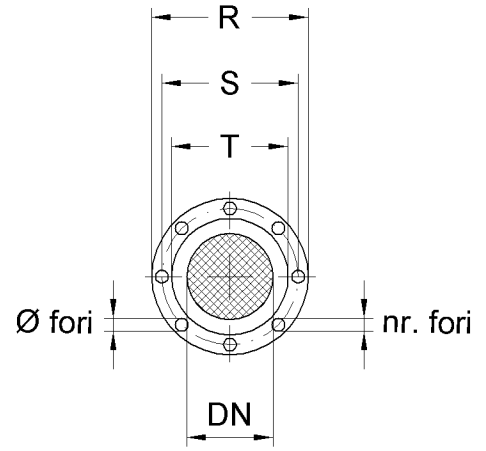
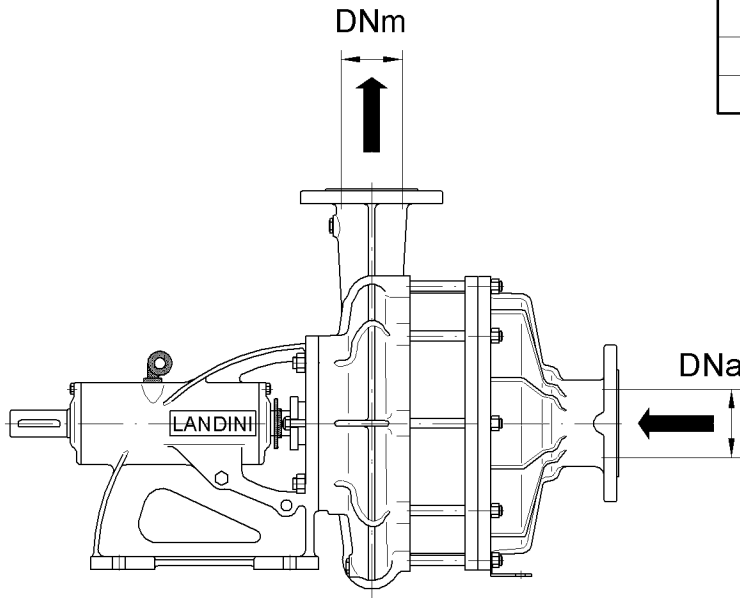
Lubrificazione ad olio - Oil lubrication - Lubrification par huile - Ölschmierung



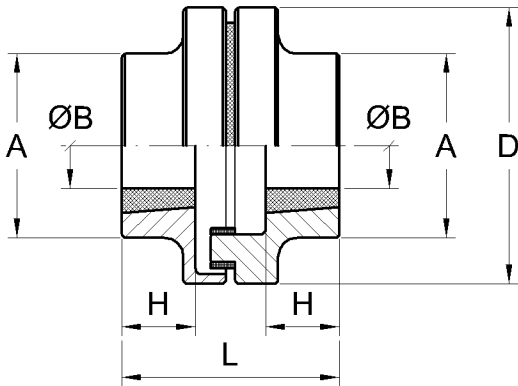
| Pompa Tipo Pump Type Pompe Type Pumpe Typ | DNa | DNm | A | B | C | D | E | F | G | H | I | DT | L | M | N | O | P | Q | e | a | d | c x b | Kg. | |
|--|-----|-----|------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|------|-------|-----|-----|
| MSN50/2 | 65 | 50 | 625 | 165 | 128 | 200 | 296 | 18 | 80 | 75 | 268 | 178 | 190 | 250 | 148 | 182 | 18 | 65 | 28 | 31 | 8x7 | 71 | | |
| MSN50/3 | | | 700 | | | | 321 | | | | | | | | | | | | | | | 371 | 265 | 90 |
| MS65/2 | 80 | 65 | 626 | 165 | 128 | 200 | 297 | 18 | 80 | 75 | 268 | 192 | 190 | 275 | 148 | 182 | 18 | 65 | 28 | 31 | 8x7 | 75 | | |
| MS65/3 | | | 701 | | | | 326 | | | | | | | | | | | | | | | 372 | 265 | 94 |
| MS65/4 | | | 776 | | | | 401 | | | | | | | | | | | | | | | 447 | 340 | 112 |
| MS80/2 | 100 | 80 | 760 | 204 | 153 | 236 | 261 | 368 | 24 | 90 | 90 | 320 | 233 | 252 | 330 | 194 | 230 | 18 | 80 | 38 | 41.5 | 10x8 | 125 | |
| MSN80/2 | | | 856 | | | | 357 | 463 | | | | | | 348 | | | | | | | | | 122 | |
| MS80/3 | | | 952 | | | | 453 | 559 | | | | | | 444 | | | | | | | | | 157 | |
| MS80/4 | | | | | | | | | | | | | | | | | | | | | | | 191 | |
| MS100/2 | 125 | 100 | 937 | 280 | 192 | 310 | 273 | 435 | 24 | 110 | 110 | 420 | 287 | 290 | 400 | 255 | 308 | 22 | 100 | 42 | 45.5 | 12x8 | 242 | |
| MS100/3 | | | 1068 | | | | 419 | 566 | | | | | | 420 | | | | | | | | | 302 | |
| MS125/2 | 150 | 125 | 936 | 280 | 192 | 310 | 419 | 434 | 24 | 110 | 110 | 420 | 300 | 290 | 425 | 255 | 308 | 22 | 100 | 42 | 45.5 | 12x8 | 266 | |
| MS125/3 | | | 1068 | | | | 551 | 565 | | | | | | 420 | | | | | | | | | 330 | |

Dimensioni e ingombri - Overall dimensions - Dimensions d'encombrement - Maße

| DN (UNI PN25) | R | S | T | Ø fori | nr. fori |
|------------------|-----|-----|-----|--------|----------|
| 50 | 165 | 125 | 102 | 18 | 4 |
| 65 | 185 | 145 | 122 | | |
| 80 | 200 | 160 | 130 | | |
| 100 | 220 | 180 | 158 | | |
| 125 | 250 | 210 | 188 | 22 | 8 |
| 150 | 285 | 240 | 210 | | |



Giunto elastico - Elastic joint - Joint elastique - Elastisch Kupplung

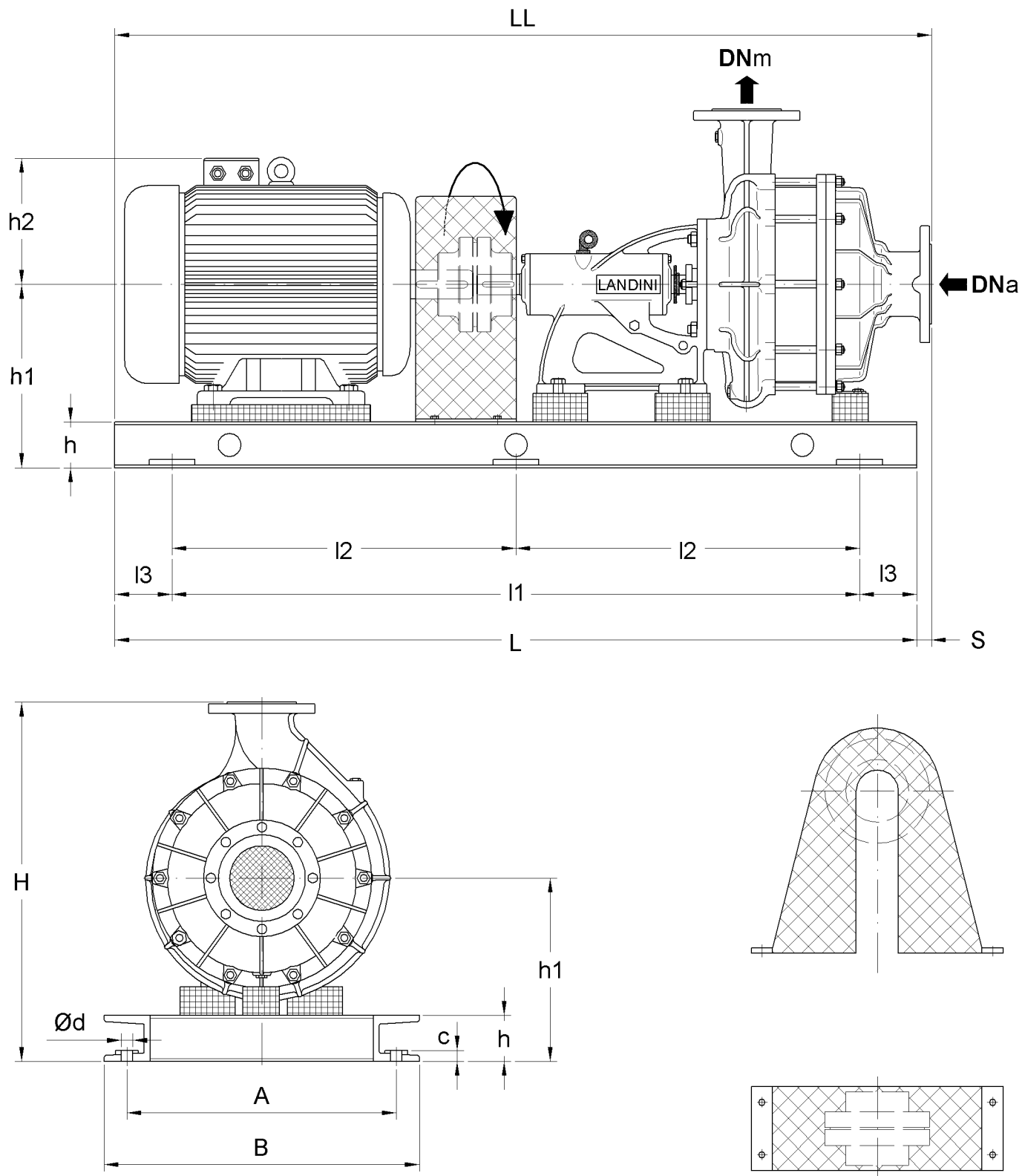


SCELTA DEL GIUNTO ELASTICO: (Potenza assorbita dalla pompa) x (fattore di servizio)
ELASTIC JOINT CHOICE: (The power absorbed of the pump) x (service factor)
CHOIX DU JOINT ELASTIQUE: (Puissance absorbée pompe) x (facteur de service)
WAHL FÜR ELASTISCH KUPPLUNG: (Leistungsaufnahme pumpe) x (angleich faktor)

| Macchina motrice Driving machine Machine motrice Antriebsmotor | Fattore di servizio Service factor Facteur de service Angleichungsfaktor |
|--|---|
| Motori elettrici Motori a benzina 4 cilindri Electric motors 4 cylinders gasoline engines Moteurs électriques Moteurs a essence a 4 cylindres Elektromotoren Vierzylinder-benzinmotoren | 1.3 |
| Motori 4-6-8 cilindri Diesel motors 4-6-8 cylinders Moteurs diesel 4-6-8 cylindres Dieselmotoren 4-6-8 zylinder | 1.7 |
| Motori 1-2-3 cilindri Diesel motors 1-2-3 cylinders Moteurs diesel 1-2-3 cylindres Dieselmotoren 1-2-3 zylinder | 2 |

| Tipo di giunto Joint type Type joint Kupplung typ | Potenza trasmissibile in CV - Transmissible power in HP Puissance transmissible en CV - Übertragbare leistung in PS | | | | | | | A | ØB | | D | H | L |
|--|--|------|------|------|------|------|------|-----|------|------|-----|----|-----|
| | giri/min. - R.P.M. - tours/min. - U/1' | | | | | | | | min. | max. | | | |
| | 1450 | 1750 | 2000 | 2200 | 2400 | 2650 | 2900 | | | | | | |
| LG85 | 16 | 20 | 22 | 25 | 27 | 30 | 32 | 60 | 12 | 28 | 85 | 20 | 72 |
| LG100 | 30 | 37 | 42 | 46 | 50 | 55 | 60 | 80 | 12 | 32 | 100 | 25 | 84 |
| LG125 | 50 | 61 | 70 | 76 | 84 | 92 | 101 | 90 | 12 | 42 | 125 | 25 | 83 |
| LG145 | 81 | 97 | 111 | 122 | 134 | 148 | 162 | 110 | 15 | 50 | 145 | 30 | 97 |
| LG172 | 121 | 146 | 167 | 184 | 200 | 222 | 242 | 120 | 18 | 65 | 172 | 45 | 128 |
| LG196 | 162 | 195 | 223 | 245 | 268 | 296 | 323 | 120 | 18 | 65 | 196 | 45 | 126 |
| LG221 | 222 | 268 | 307 | 337 | 368 | 406 | 445 | 150 | 25 | 75 | 221 | 50 | 136 |
| LG275 | 380 | 460 | 520 | 575 | 625 | - | - | 180 | 45 | 90 | 275 | 90 | 216 |

Dimensioni e ingombri - Overall dimensions - Dimensions d'encombrement - Maße



TMS = telaio + giunto elastico + protezione
 frame + elastic joint + safeguard
 châssis + joint élastique + protection
 rahmen + elastisch kupplung + schutzblech

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Accoppiamenti con motori elettrici chiusi asincroni trifase
 Assembling with closed asynchronous three-phase electric motors
 Accouplements avec moteurs asynchrones électriques triphasés fermes
 Zusammenkoppeln mit Drehstrom-Asynchronmotoren

50Hz - 2
 poli
 poles
 pôles
 Polig

Dimensioni e ingombri - Overall dimensions - Dimensions d'encombrement - Maße

| Pompa Tipo Pump Type Pompe Type Pumpe Typ | Motore elettrico Electric motor Moteur électrique Elektromotor | | LL | L | I1 | I2 | I3 | S | H | h | h1 | h2 | A | B | c | Ød | Telaio Frame Châssis Rahmen | |
|--|---|-----|------|------|-------------|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|--------------------------------------|-----|
| | IEC-B3 | kW | | | | | | | | | | | | | | | TMS | |
| MSN50/2 | 180M-2 | 22 | 1330 | 930 | 730 | - | 100 | 236 | 550 | 100 | 300 | 287 | 380 | 420 | 13 | 17 | TMS12.05.03 | |
| | 200LA-2 | 30 | 1400 | 1000 | 800 | | | | | | | | | | | | TMS62.79.04 | |
| MSN50/3 | 200LB-2 | 37 | 1475 | 1290 | 1090 | - | 100 | 30 | 615 | 120 | 365 | 335 | 480 | 520 | 13 | 17 | TMS13.09.04 | |
| | 225M-2 | 45 | 1520 | 1310 | 1110 | | | | | | | | | | | | TMS13.11.05 | |
| MS65/2 | 200LB-2 | 37 | 1400 | 1000 | 800 | - | 100 | 236 | 595 | 100 | 320 | 305 | 420 | 460 | 13 | 17 | TMS62.79.04 | |
| | 225M-2 | 45 | 1445 | 1030 | 830 | | | | | | | | | | | | TMS22.11.05 | |
| MS65/3 | 250M-2 | 55 | 1545 | 1130 | 930 | - | 100 | 26 | 665 | 120 | 390 | 365 | 520 | 560 | 14 | 17 | TMS22.13.06 | |
| | | 620 | 1410 | 1210 | TMS23.13.06 | | | | | | | | | | | | | |
| | 280S-2 | 75 | 1690 | 1470 | 1270 | | | | | | | | | | | | TMS23.15.07 | |
| MSN80/2 | 280S-2 | 75 | 1750 | 1470 | 1270 | - | 100 | 87 | 770 | 140 | 440 | 400 | 580 | 620 | 15 | 19 | TMS32N.15.10 | |
| | 280M-2 | 90 | 1800 | 1520 | 1320 | | | | | | | | | | | | TMS32N.17.10 | |
| | 315S-2 | 110 | 1955 | 1560 | 1360 | | | | | | | | | | | | 680 | 810 |

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Accoppiamenti con motori elettrici chiusi asincroni trifase
 Assembling with closed asynchronous three-phase electric motors
 Accouplements avec moteurs asynchrones électriques triphasés fermes
 Zusammenkoppeln mit Drehstrom-Asynchronmotoren

50Hz - 4
 poli
 poles
 pôles
 Polig

Dimensioni e ingombri - Overall dimensions - Dimensions d'encombrement - Maße

| Pompa Tipo Pump Type Pompe Type Pumpe Typ | Motore elettrico Electric motor Moteur électrique Elektromotor | | LL | L | I1 | I2 | I3 | S | H | h | h1 | h2 | A | B | c | Ød | Telaio Frame Châssis Rahmen | | |
|--|---|------|------|-------------|-------------|-------------|-------------|------|-----|-----|-----|-----|-----|-----|----|----|--------------------------------------|-------------|--|
| | IEC-B3 | kW | | | | | | | | | | | | | | | TMS | | |
| MSN50/2 | 132S-4 | 5.5 | 1100 | 750 | 550 | - | 100 | 236 | 535 | 100 | 285 | 203 | 320 | 360 | 13 | 17 | TMS12.01.01 | | |
| MSN50/3 | 132M-4 | 7.5 | 1215 | 1060 | 860 | | | | | | | | | | | | 30 | TMS13.02.01 | |
| MS65/2 | 132M-4 | 7.5 | 1140 | 780 | 580 | - | 100 | 236 | 560 | 100 | 285 | 203 | 320 | 360 | 13 | 17 | TMS22.02.01 | | |
| MS65/3 | 160M-4 | 11 | 1320 | 1170 | 970 | | | | | | | | | | | | 26 | TMS23.03.02 | |
| MS65/4 | 160L-4 | 15 | 1450 | 1290 | 1090 | | | | | | | | | | | | TMS24.04.02 | | |
| MS80/2 | 180L-4 | 22 | 1505 | 1255 | 1055 | - | 100 | 87 | 654 | 100 | 324 | 287 | 380 | 420 | 13 | 17 | TMS32.06.08 | | |
| | 200L-4 | 30 | 1535 | 1290 | 1090 | | | | | | | | | | | | TMS32.08.09 | | |
| MS80/3 | 225S-4 | 37 | 1630 | 1390 | 1190 | - | 100 | 87 | 695 | 120 | 365 | 335 | 480 | 520 | 14 | 17 | TMS33.08.09 | | |
| | | 1680 | 1430 | 1230 | TMS33.10.12 | | | | | | | | | | | | | | |
| MS80/4 | 1775 | 1530 | 1330 | TMS34.10.12 | | | | | | | | | | | | | | | |
| MS100/2 | 225M-4 | 45 | 1785 | 1490 | 1290 | 745 | 100 | 132 | 845 | 140 | 445 | 335 | 480 | 520 | 15 | 19 | TMS42.12.13 | | |
| | 250M-4 | 55 | 1855 | 1550 | 1350 | 675 | | | | | | | | | | | TMS42.14.14 | | |
| MS100/3 | 280S-4 | 75 | 1925 | 1600 | 1400 | 700 | 100 | 117 | 845 | 140 | 445 | 400 | 580 | 620 | 15 | 19 | TMS42.16.15 | | |
| | | 2060 | 1750 | 1550 | 775 | TMS75.16.15 | | | | | | | | | | | | | |
| MS100/3 | 280M-4 | 90 | 2110 | 1800 | 1600 | 800 | TMS75.18.15 | | | | | | | | | | | | |
| MS125/2 | 280S-4 | 75 | 1925 | 1750 | 1550 | 775 | 100 | - 15 | 870 | 140 | 445 | 400 | 580 | 620 | 15 | 19 | TMS75.16.15 | | |
| | 280M-4 | 90 | 1975 | 1800 | 1600 | 800 | | | | | | | | | | | TMS75.18.15 | | |
| MS125/3 | 315S-4 | 110 | 2160 | 1870 | 1670 | 835 | 100 | - 15 | 905 | 140 | 480 | 530 | 650 | 700 | 15 | 19 | TMS52.20.16 | | |
| | | 2295 | 2000 | 1800 | 900 | TMS53.20.16 | | | | | | | | | | | | | |

ATTENZIONE : La quota "LL" è indicativa in funzione della marca del motore elettrico

LOOK OUT : The "LL" quota is in according to the brand of the electric motor

ATTENTION : La dimension "LL" c'est indicative selon de la marque du moteur électrique

ACHTUNG : Das Längenmass "LL" ist nicht binden und kann sich bezüglich verschiedener Hersteller der Elektromotore ändern

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