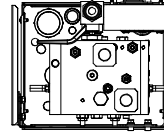
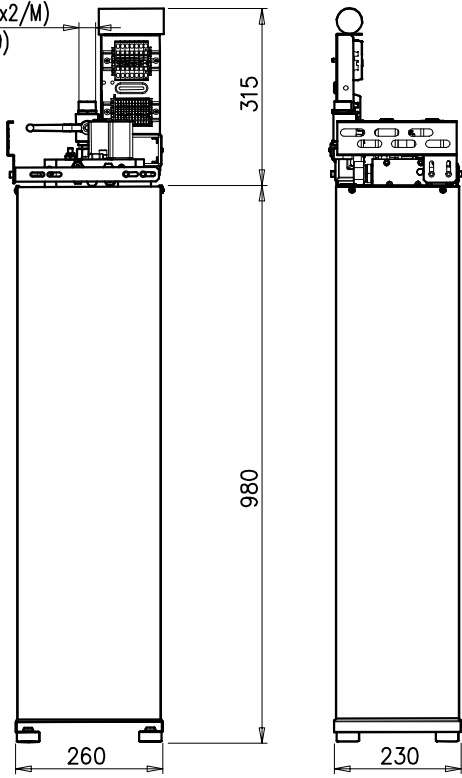


ØE 22 (M30x2/M)
3/4" (DN19)



| QUANTITA' OLIO (LITRI) | HL-MTW | |
|------------------------|------------|----------|
| | 8/23 Litri | 30 Litri |
| LIVELLO MINIMO | 5 | 6 |
| OLIO UTILE | 45 | 44 |
| OLIO TOTALE | 50 | 50 |

| PESO CENTRALINA SENZA OLIO | HL-MTW |
|----------------------------|--------|
| | Kg. 40 |

| MOTORI MONOFASE AIR 230V - 50Hz | | | | |
|---------------------------------|------|----|------------------|------------------|
| CV | KW | Ø | I _N A | I _A A |
| 1 | 0.75 | 19 | 6 | ⚠ |
| 1.5 | 1.1 | 19 | 7.6 | |
| 2 | 1.5 | 19 | 8.95 | |
| 2.5 | 1.8 | 19 | 12.8 | |
| 3 | 2.2 | 19 | 14.7 | |

| MOTORI TRIFASE AIR 400-415V - 50Hz (230-240V - 50Hz) | | | | |
|---|------|----|------------------|------------------|
| CV | KW | Ø | I _N A | I _A A |
| 1 | 0.75 | 19 | 1.9 (3.3) | ⚠ |
| 1.5 | 1.1 | 19 | 3 (5.2) | |
| 2 | 1.5 | 19 | 3.6 (6.2) | |
| 3 | 2.2 | 19 | 6.6 (11.4) | |
| 4 | 3 | 19 | 7.4 (12.8) | |

⚠ - CORRENTE DI AVVIAMENTO: $\sim I_A = I_N \times 3$

| VELOCITA' PISTONE IN SALITA M/SEC (A CARICO MEDIO) | POMPA L/1' | | | | | PISTONE | PRESSIONE STATICA IN BAR | | | | | | | | | | | | | | | | | | | | PORTATA UTILE (P+Q=KG) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|------|------|------|----|---------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|---|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | Ø 19 | | Ø 19 | | | | Ød | e | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 23 | 18 | 12 | 8 | | | | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.25 | 0.19 | 0.15 | 0.10 | 0.06 | 50 | 5 | 202 | 241 | 281 | 320 | 359 | 398 | 438 | 477 | 516 | 556 | 595 | 634 | 673 | 713 | 752 | 791 | 830 | 870 | 7.5 | 188 | 227 | 267 | 306 | 345 | 384 | 424 | 463 | 502 | 542 | 581 | 620 | 659 | 699 | 738 | 777 | 816 | 856 | 5 | 280 | 335 | 392 | 450 | 505 | 562 | 618 | 675 | 732 | 788 | 845 | 901 | 958 | 1015 | 1071 | 1128 | 1184 | 1240 | 7.5 | 255 | 312 | 368 | 425 | 481 | 538 | 594 | 651 | 707 | 764 | 820 | 877 | 933 | 990 | 1046 | 1103 | 1160 | 1216 | 5 | 380 | 458 | 535 | 612 | 688 | 766 | 843 | 920 | 997 | 1074 | 1151 | 1227 | 1305 | 1382 | 1458 | 1535 | 1612 | 1689 | 7.5 | 348 | 425 | 502 | 579 | 656 | 733 | 810 | 887 | 964 | 1041 | 1118 | 1195 | 1272 | 1349 | 1426 | 1503 | 1580 | 1657 | 5 | 500 | 604 | 704 | 805 | 905 | 1006 | 1106 | 1207 | 1307 | 1408 | 1508 | 1609 | 1709 | 1810 | 1910 | 2011 | 2111 | 2212 | 7.5 | 448 | 548 | 649 | 749 | 850 | 950 | 1051 | 1151 | 1252 | 1352 | 1453 | 1554 | 1654 | 1755 | 1855 | 1956 | 2056 | 2157 | 12 | 365 | 466 | 566 | 667 | 767 | 869 | 968 | 1069 | 1169 | 1270 | 1370 | 1471 | 1571 | 1672 | 1772 | 1873 | 1973 | 2074 | 5 | 495 | 609 | 722 | 836 | 949 | 1063 | 1176 | 1290 | 1403 | 1517 | 1630 | 1744 | 1857 | 1971 | 2084 | 2198 | 2311 | 2425 | 7.5 | 462 | 589 | 717 | 844 | 971 | 1098 | 1225 | 1353 | 1480 | 1607 | 1734 | 1861 | 1988 | 2116 | 2243 | 2370 | 2497 | 2624 | 5 | 630 | 762 | 890 | 1017 | 1144 | 1271 | 1398 | 1526 | 1653 | 1780 | 1908 | 2035 | 2162 | 2289 | 2416 | 2544 | 2671 | 2798 | 7.5 | 562 | 689 | 816 | 944 | 1071 | 1198 | 1325 | 1453 | 1580 | 1707 | 1834 | 1962 | 2089 | 2216 | 2343 | 2471 | 2598 | 2725 | 12 | 462 | 590 | 717 | 844 | 971 | 1098 | 1225 | 1353 | 1480 | 1607 | 1734 | 1861 | 1988 | 2116 | 2243 | 2370 | 2497 | 2624 |

| VELOCITA' PISTONE IN SALITA M/SEC (A CARICO MEDIO) | Ø 19 | | Ø 19 | | | Ød | e | PRESSIONE STATICA IN BAR | | | | | | | | | | | | | | | | | | | | PORTATA UTILE (P+Q=KG) | | | | | | | | | | | | | | | | | | |
|--|---------------|----|---------------|----|---|----|-----|--------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------------|----|------------------------|----|----|---------------|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|
| | 30 | 23 | 18 | 12 | 8 | | | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | | | | | |
| 0.25 | 1 (0.75) Ø19 | | 1.5 (1.1) Ø19 | | | 5 | 202 | 241 | 281 | 320 | 359 | 398 | 438 | 477 | 516 | 556 | 595 | 634 | 673 | 713 | 752 | 791 | 830 | 870 | 7.5 | 1 (0.75) Ø19 | | 1.5 (1.1) Ø19 | | | 2 (1.5) Ø19 | | | | | | | | | | | | | | | |
| 0.17 | 1.5 (1.1) Ø19 | | 2 (1.5) Ø19 | | | 5 | 280 | 335 | 392 | 450 | 505 | 562 | 618 | 675 | 732 | 788 | 845 | 901 | 958 | 1015 | 1071 | 1128 | 1184 | 1240 | 7.5 | 1.5 (1.1) Ø19 | | 2 (1.5) Ø19 | | | 2.5 (1.8) Ø19 | | | | | | | | | | | | | | | |
| 0.12 | 2 (1.5) Ø19 | | 3 (2.2) Ø19 | | | 5 | 380 | 458 | 535 | 612 | 688 | 766 | 843 | 920 | 997 | 1074 | 1151 | 1227 | 1305 | 1382 | 1458 | 1535 | 1612 | 1689 | 7.5 | 2 (1.5) Ø19 | | 3 (2.2) Ø19 | | | 4 (3) Ø19 | | | | | | | | | | | | | | | |
| 0.10 | 1 (0.75) Ø19 | | 1.5 (1.1) Ø19 | | | 5 | 500 | 604 | 704 | 805 | 905 | 1006 | 1106 | 1207 | 1307 | 1408 | 1508 | 1609 | 1709 | 1810 | 1910 | 2011 | 2111 | 2212 | 7.5 | 1 (0.75) Ø19 | | 1.5 (1.1) Ø19 | | | 2 (1.5) Ø19 | | | | | | | | | | | | | | | |
| 0.08 | 1.5 (1.1) Ø19 | | 2 (1.5) Ø19 | | | 5 | 448 | 548 | 649 | 749 | 850 | 950 | 1051 | 1151 | 1252 | 1352 | 1453 | 1554 | 1654 | 1755 | 1855 | 1956 | 2056 | 2157 | 7.5 | 1.5 (1.1) Ø19 | | 2 (1.5) Ø19 | | | 3 (2.2) Ø19 | | | | | | | | | | | | | | | |
| 0.08 | 2 (1.5) Ø19 | | 3 (2.2) Ø19 | | | 5 | 630 | 762 | 890 | 1017 | 1144 | 1271 | 1398 | 1526 | 1653 | 1780 | 1908 | 2035 | 2162 | 2289 | 2416 | 2544 | 2671 | 2798 | 7.5 | 2 (1.5) Ø19 | | 3 (2.2) Ø19 | | | 4 (3) Ø19 | | | | | | | | | | | | | | | |

- IL PESO ESPRESSO IN TABELLA E' STATO CALCOLATO TENENDO GIA' CONTO DEL PESO DELLO STELO PER UNA CORSA MASSIMA (VEDI DIS. 9020/... 9030/...)

| | | | | |
|----|--|--|---------|-------------|
| UT | | TABELLA PER LA RICERCA DEI VALORI DI PRESSIONE - VELOCITA' - POMPA - MOTORE AIR (50Hz) IN RELAZIONE AL Ø STELO E PORTATA SU CENTRALINA - (HL-MTW) | DATA | 09/16 |
| | | | DIS. N° | 9018/HL-MTW |