



### IMPIEGO

Le pompe per vuoto ad anello liquido ALB garantiscono portate da 8000 fino a 18000 mc/h. Le pompe ALB sono costruite con due bocche di aspirazione, ciò consente, di avere due pompe in una, ognuna delle quali lavora con portate pari al 50% del valore totale e con vuoti del tutto indipendenti e differenziati. Trovano vasto impiego nell'industria cartaria, saccarifera, mineraria, cementifera, chimica in generale, del cuoio rigenerato e negli impianti di filtrazione.

### COSTRUZIONE

Trattasi di pompe per vuoto ad anello liquido ad uno stadio, studiate per consentire all'utilizzatore un limitatissimo consumo energetico a fronte di un funzionamento continuo in condizioni gravose. L'affidabilità e l'efficienza di funzionamento, con bassi consumi di energia, sono garantiti dall'utilizzo di distributori con ampi passaggi. Le pompe ALB possono essere costruite in versione standard o in versione speciale (ALB - 2) per alti vuoti. Il materiale costruttivo standard è di ghisa. Sono previste anche versioni in acciaio inox RV 316 e versioni rivestite in composito ceramico RC. Le tenute sono garantite da baderne teflonate nella costruzione standard; su richiesta vengono montate le tenute meccaniche.

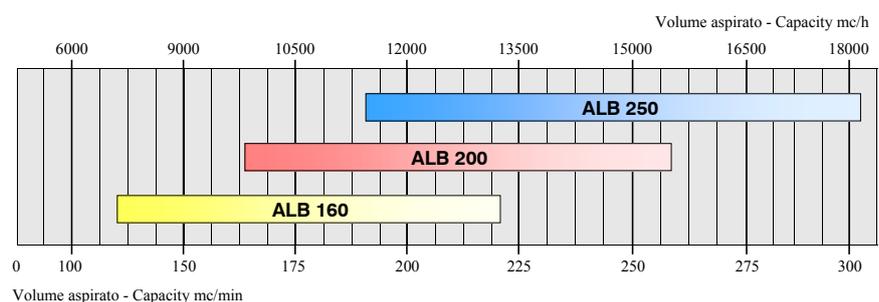
### USE

The ALB liquid ring vacuum pumps guarantee capacity between 8000 and 18000 mc/h. The ALB pumps are built with two vertical suction openings, which allow, to have two pumps in one, each of which works with a capacity of 50% of the total value and with totally differentiated and independent vacuums. They are greatly used in the paper, sacchariferous, minery, cement, chemical, regenerated leather industries and in filtration plants.

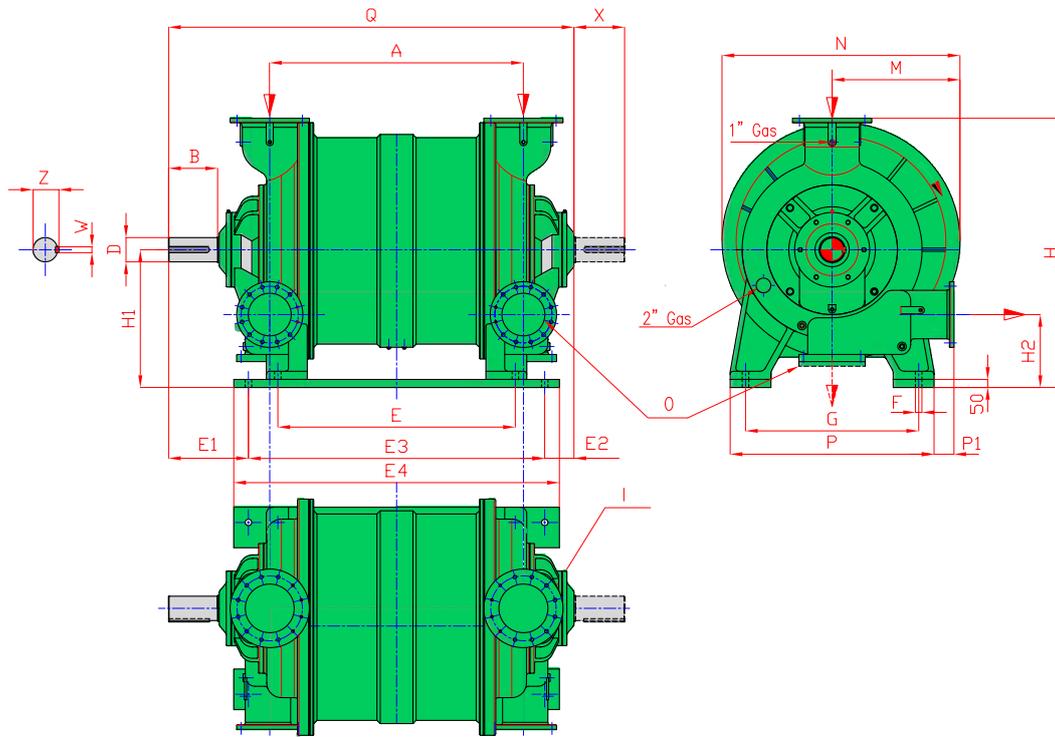
### CONSTRUCTION

The ALB liquid ring vacuum pumps guarantee capacity between 8000 and 18000 mc/h. The ALB pumps are built with two vertical suction openings, which allow, to have two pumps in one, each of which works with a capacity of 50% of the total value and with totally differentiated and independent vacuums. They are greatly used in the paper, sacchariferous, minery, cement, chemical, regenerated leather industries and in filtration plants. These are one stage liquid ring vacuum pumps, studied to allow very limited energetic consumption against continuous functioning in harsh conditions. Their reliability and functioning efficiency, with low energy consumption, are guaranteed by the use of distributors with wide passages. The ALB pumps can be built in standard or special version (ALB - 2) for high vacuum. The standard building material is cast iron. Stainless steel RV 316 versions and others covered in composite ceramic RC are available. The seals are guaranteed by teflonated stuffing box seals in the standard version; mechanical seals are mounted if requested.

### Tabella delle portate Performance



## Tabella ingombri Leading dimensions



| Tipo<br>Type | FLANGE-FLANGES<br>PN 10 UNI 2277 |                   |                                  |    |
|--------------|----------------------------------|-------------------|----------------------------------|----|
|              | $\varnothing i_u$                | $\varnothing i_v$ | Fori-Holes<br>$\varnothing t$ N° |    |
| DN250        | 395                              | 350               | 22                               | 12 |
| DN300        | 445                              | 400               | 22                               | 12 |
| DN350        | 505                              | 460               | 22                               | 16 |

| TIPO<br>TYPE | Aspirazione<br>Inlet | Scarico<br>Outlet | A    | B   | D   | E    | E1  | E2  | E3   | E4   | F  | G    | H    | H1   | H2  | M   | N    | P    | P1  | Q    | W  | Z   | kg    |
|--------------|----------------------|-------------------|------|-----|-----|------|-----|-----|------|------|----|------|------|------|-----|-----|------|------|-----|------|----|-----|-------|
| ALB 160      | DN300                | DN250             | 1553 | 300 | 150 | 1455 | 488 | 178 | 1815 | 1995 | 40 | 1060 | 1661 | 850  | 450 | 783 | 1457 | 1250 | 121 | 2482 | 36 | 158 | 6500  |
| ALB 200      | DN300                | DN250             | 1800 | 300 | 150 | 1700 | 488 | 178 | 2062 | 2242 | 40 | 1060 | 1661 | 850  | 450 | 783 | 1457 | 1250 | 121 | 2729 | 36 | 158 | 7850  |
| ALB 250      | DN350                | DN300             | 1920 | 350 | 175 | 1820 | 538 | 178 | 2182 | 2362 | 40 | 1350 | 1960 | 1020 | 570 | 920 | 1750 | 1550 | 121 | 2900 | 45 | 185 | 11050 |