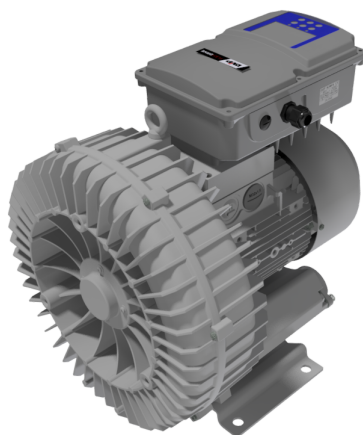


# TSL 410-3 FLEXDRIVE

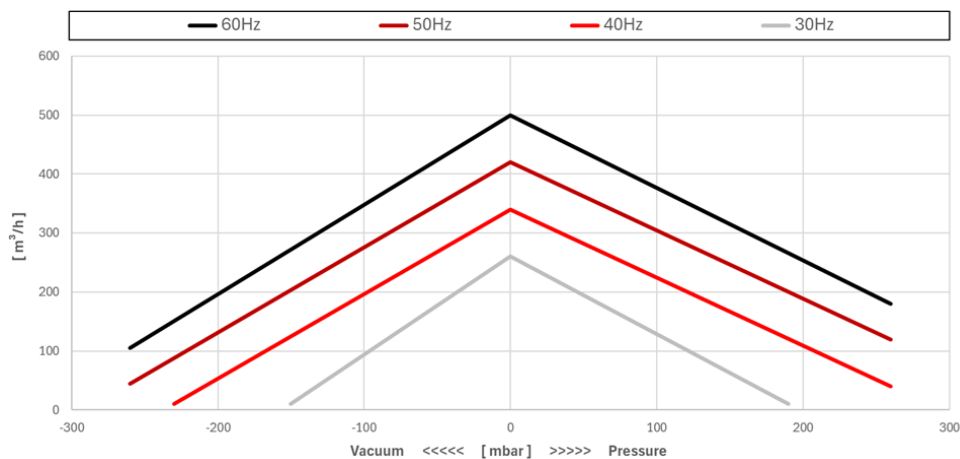
SIDE CHANNEL BLOWER



## TECHNICAL DATA

| TSL 410-3 FLEXDRIVE               |       |                        |
|-----------------------------------|-------|------------------------|
| Part number                       |       | 9412035/FD             |
| Inverter power                    | HP    | 9.4                    |
| Inverter power supply             |       | 230÷400Vac±20% 50/60Hz |
| Frequency                         | Hz    | 30 ÷ 60                |
| Nominal flow rate                 | CFM   | 294.5                  |
| MAX Vacuum (Rel.)                 | inHg  | 7.68                   |
| MAX Pressure (Rel.)               | inHg  | 7.68                   |
| Maximum inlet air temperature     | °F    | 104                    |
| Noise level (UNI EN ISO 2151±3dB) | dB(A) | 73                     |
| Weight                            | LBS   | 103.4                  |

## CURVES

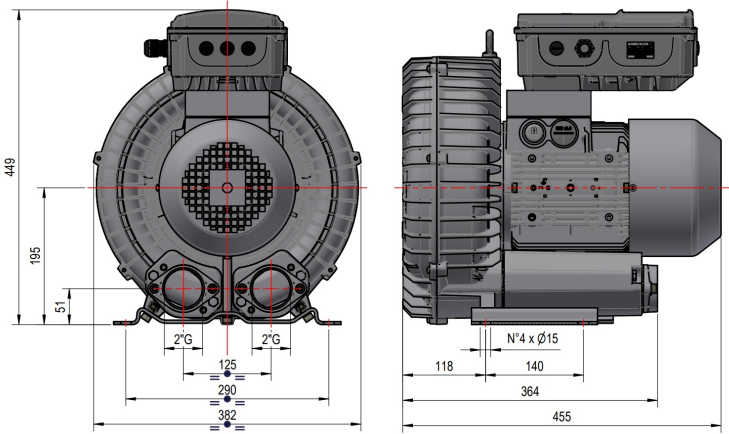


NOTE: Curves refer to suction pressure and temperature of 20°C (tolerance ±10%)

# TSL 410-3 FLEXDRIVE

SIDE CHANNEL BLOWER

## DIMENSIONS



## MOTORS

| TSL 410-3 FLEXDRIVE [3 Phase] |            |             |                |            |      |       |
|-------------------------------|------------|-------------|----------------|------------|------|-------|
| ID                            | POWER [Hp] | VOLTAGE [V] | FREQUENCY [Hz] | EFFICIENCY | RPM  | Notes |
| ///                           | 5.35       | Δ230 / Y400 | 50             | IE3        | 2800 |       |
|                               | 6.15       | Δ265 / Y460 | 60             |            | 3600 |       |

## SIDE CHANNEL BLOWER

This diagram shows the exploded view of the pump assembly. The components are numbered as follows:

- 1: Upper O-ring
- 2: Upper seal
- 3: Upper housing
- 4: Upper housing gasket
- 5: Upper housing cap
- 6: Upper housing cap gasket
- 7: Lower housing
- 8: Lower housing gasket
- 9: Lower housing cap
- 10: Lower housing cap gasket
- 11: Upper housing cap screw
- 12: Upper housing cap screw washer
- 13: Upper housing cap screw lock washer
- 14: Upper housing cap screw
- 15: Upper housing cap
- 16: Upper housing cap gasket

|    |                            | PART NUMBER |
|----|----------------------------|-------------|
| 1  | Filter FAR                 | 1802017     |
| 2  | Pipe                       | 5002011     |
| 3  | Vacuum relief valve        | 9407039     |
| 4  | FCM Filter                 | 9001041     |
| 5  | Reducer                    | 2001050     |
| 6  | Nipples                    | 2201007     |
| 7  | Elbow                      | 2101018     |
| 8  | T Fitting                  | 2106047     |
| 9  | Fitting                    | 4111008     |
| 10 | Vacuum sensor              | 1313006     |
| 11 | Sensor connection cable 1M | 1303056     |
| 12 | Sensor connection cable 5M | 1303055     |
| 13 | Pressure transducer        | 1313005     |
| 14 | Pressure relief valve      | 9408062     |
| 15 | FAS Filter                 | 9001062     |
| 16 | Reducer                    | 2001076     |