

# GRANULAR AIRLOCK - GL

Technical data standard configuration

## GENERAL DATA

|                                         |                                                           |     |      |     |     |
|-----------------------------------------|-----------------------------------------------------------|-----|------|-----|-----|
| FLANGE CONNECTION                       | PN 10 or ANSI 150 lbs.                                    |     |      |     |     |
| MAXIMUM ALLOWABLE WORKING PRESSURE      | up to 1.5 barg                                            |     |      |     |     |
| ALLOWABLE CONVEYING PRODUCT TEMPERATURE | up to 150°C                                               |     |      |     |     |
| ATEX 2014/34/EU                         | 1D/2GD Equipment<br>(If required please specify on order) |     |      |     |     |
| SIZE GL                                 | 150                                                       | 200 | 250  | 300 | 350 |
| CAPACITY LTR/REV.                       | 5                                                         | 10  | 17.5 | 32  | 79  |

\* Capacity per revolution at 100% filling

Optional vent holes in housing

|                      |          |          |          |           |
|----------------------|----------|----------|----------|-----------|
| SIZE GL              | 150      | 200      | 250      | 300 - 350 |
| VENT HOLE CONNECTION | Ø 48.3x2 | Ø 60.3x2 | Ø 76.1x2 | Ø 88.9x2  |

Air purge connection in end covers

|                      |      |           |           |
|----------------------|------|-----------|-----------|
| SIZE GL              | 150  | 200 - 250 | 300 - 350 |
| AIR PURGE CONNECTION | 3/8" | 1/2"      | 3/4"      |

## MATERIAL SPECIFICATIONS

|                                    |                                         |            |
|------------------------------------|-----------------------------------------|------------|
| CAST HOUSING/END COVERS            | Stainless steel 316w                    | DIN 1.4404 |
|                                    | Aluminium LM25 TF7                      | DIN 3.2371 |
| ROTOR END DISC WITH 10 FIXED VANES |                                         |            |
| ROTOR FABRICATED                   | Stainless steel 316L                    | DIN 1.4404 |
| SHAFT SEAL                         | Glandpacking (Depending on application) |            |
| STANDARD COATING BODY              | Aluminium anodised                      |            |
| BEARING                            | Outrigged ball-bearing sealed for life  |            |

## DRIVE SPECIFICATIONS

\* Minimum advised Torque [Nm] required.

|                                |     |     |     |     |     |
|--------------------------------|-----|-----|-----|-----|-----|
| SIZE GL                        | 150 | 200 | 250 | 300 | 350 |
| 50Hz                           | 150 | 210 | 285 | 410 | 635 |
| FREQUENCY CONTROLLED (10-60Hz) | 205 | 285 | 385 | 555 | 860 |

