WWW.BAUMPNEUMATICS.CA

# Specifications

## Isolators
## Drives and Capacities

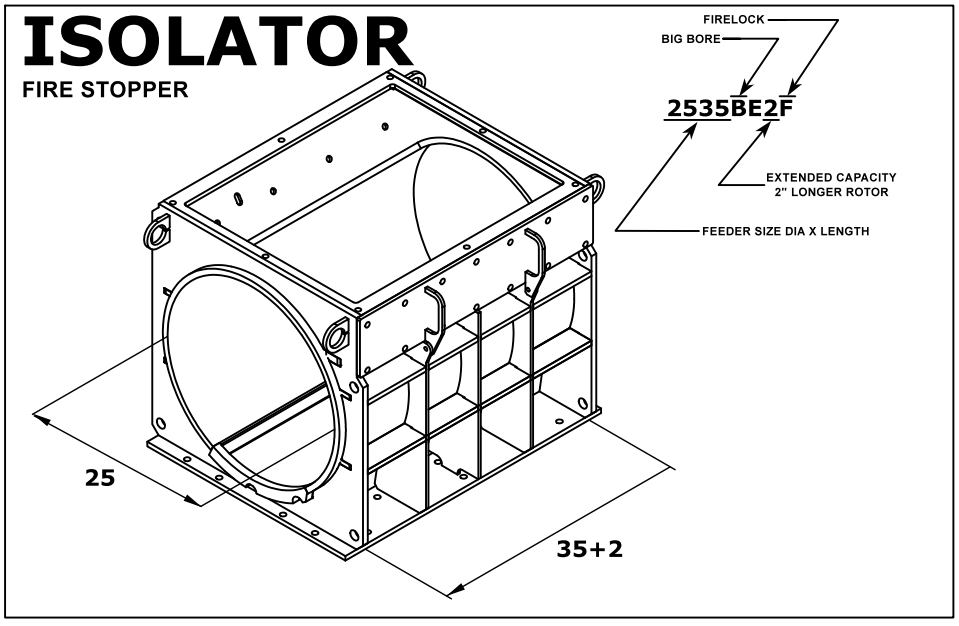
A-1110
Rev. 4
12 / 17

| FEEDER MODEL | BARE SHAFT WT | (TXT)Δ SHAFT MOUNT REDUCER | PREMIUM MOTOR H.P. + CLASS 1 | 2 | FEEDER RPM 1 m/s LINEAR SPEED | BEARING TEMP SENSOR | CAPACITY @100% DISPLACEMENT Cu.Ft. /Rev. | CFM | RECOMMENDED CAPACITIES - UPH MAX UPH (70%) | FINE DUST (65%) |
|---|---|---|---|---|---|---|---|---|---|---|
| **1418BE2F** | | | | | | | | | | |
| **2025BE2F** | 1130 | TXT425 | 3 | 5 | 34 | 34 | 3.7 | 125.5 | 26 | 24 |
| **2530BE2F** **2535BE2F** | 2290 | TXT425 | 5 | 7.5 | 28 | 30 | 7.9 | 236.7 | 50 | 46 |
| **3035BE2F** **3045BE2F** | 4150 | TXT625 | 10 | 15 | 24 | 28 | 14.6 | 407.8 | 86 | 80 |
| **3545BE2F** **3555BE2F** | 6000 | TXT725 | 15 | 20 | 21 | 26 | 20.0 | 521.0 | 109 | 102 |

- Refer to the BAUM PNEUMATICS maintance manual for safety and additional information regarding ESR / BE / ISOLATOR Feeders.
- For chip feaders see A-1105
- Firelocks are designed based on combustion characteristics of all fine SPF wood dust as per ASTM E1226 grinding specifications (see the Rotary valve passive isolation calculations report at BAUMPNEUMATICS.COM). Any change in material or size distribution requires new engineered design.

Δ 1.68 service factor for belt drives
- High load of bigger particles would require a bigger clearance.

FEEDER SIZE IS DETERMINED BY DIAMETER X LENGTH OF HOUSING DISCHARGE




MAX volume (70%) can only be achieved with a good infeed (see A-1280).

UPH = Units Per Hour
one unit equals 200
cubic feet of loose material

Weight is in pounds (Net)

Reduce RPM for light material, (slower to reduce perculating the material at the infeed of the feeder)

\+ Motor, Drive and Reducer is for **Class 2** Service.

**Class 3** recommended for feeders operating close to their max capacity, (use 2 15/16 shaft on 20x30 feeder and 3 7/16 shaft on 25x35)