



ROTARY AIRLOCK VALVES

TYPE 6

The Type 6 airlock is constructed to withstand the most abrasive of materials. Built with rugged NiHard steel, a closed end rotor constructed of carbon steel, and Stellite on wear surfaces the type 6 will outlast your toughest materials.

Features

- Construction: Cast NiHard housing and cast iron endplates
- Mild steel closed end rotor with Stellite coating on all wear surfaces
- Available in 3 sizes: 12" rotary valve (0.70CFR), 16" rotary valve (1.60CFR), and 22" rotary valve (3.95 CFR)
- Can be used as either a feeder or an airlock
- 100% manufactured and assembled in the USA.

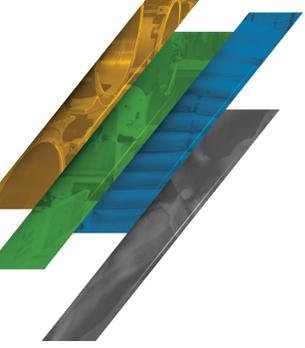
Application examples

- Kiln dust
- Fly ash
- Portland cement
- Pebble lime
- Grout blends

Standard Options

- High temperature modifications
- Shaft air purge
- Cavity air purge
- Teflon rotor coatings
- Reduced capacity rotors
- Zero speed switches
- Motor mounting brackets





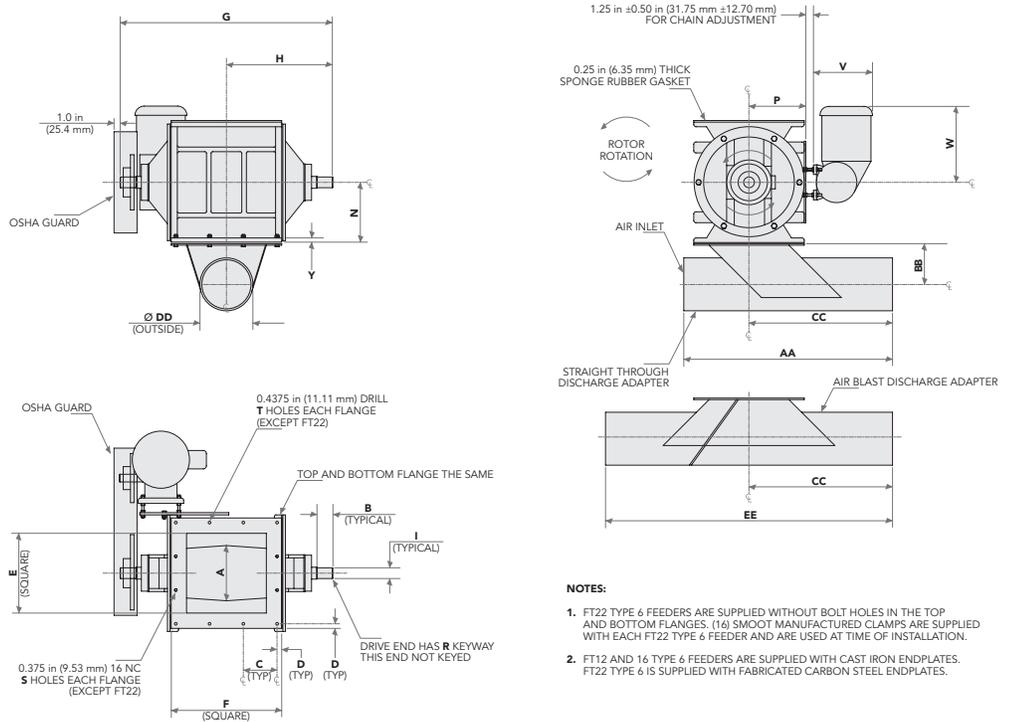
ROTARY AIRLOCK VALVES

DIMENSIONS TYPE 6

Dimensions (inches)

	FT12	FT16	FT22
A	6-1/2	9	11-3/4
B	2-1/2	2-1/2	3-3/16
C	6-1/2	5-1/2	-
D	1	3/4	-
E	10	13	16
F	15	18	22
G	31-1/2	34-5/8	40-11/16
H	15-3/4	7-5/16	20-11/32
I	1-5/8	1-3/4	2-7/16
M	15-3/4	19-5/8	26
N	7-7/8	9-13/16	13
P	9-1/2	11-1/4	13-3/8
R	3/16X3/8	3/16X3/8	5/16X5/8
S	2	4	-
T	6	8	-
V	5/8	3/4	1

CAPACITY PER REV		
0.70 FT 3	1.60 FT 3	3.95 FT 3



NOTES:

1. FT22 TYPE 6 FEEDERS ARE SUPPLIED WITHOUT BOLT HOLES IN THE TOP AND BOTTOM FLANGES. (16) SMOOTH MANUFACTURED CLAMPS ARE SUPPLIED WITH EACH FT22 TYPE 6 FEEDER AND ARE USED AT TIME OF INSTALLATION.
2. FT12 AND 16 TYPE 6 FEEDERS ARE SUPPLIED WITH CAST IRON ENDPLATES. FT22 TYPE 6 IS SUPPLIED WITH FABRICATED CARBON STEEL ENDPLATES.

ACCESSORIES

SHAFT AIR PURGE (SAP)



SAP uses high pressure plant air to prevent the conveyed material from coming in contact with the shaft seals, therefore extending the life of the seals.

CAVITY AIR PURGE (CAP)



This patented design uses low-pressure air from the convey blower and purges the material from the cavity between the rotor shroud and the housing end plates.

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