

FLOOR TRACK LOCATED UNDER OUTER WALLS!

-6 1/2" EXPANSION SHIELD ANCHORS.

VERTICAL SECTION

NOTES:

FASCIA

94 1/2"

94 1/2"

94 1/2"

INSTALLATION REQUIREMENTS:

BESAM REQUIRES THE FLOOR FLAT TO WITHIN \$" TOT L
VARIATION WITHIN THE FOOTPRINT OF THE DOOR SYSTEM. BESAM
'RD' SERIES DOORS ARE DESIGNED TO MOUNT ON A FINISHED FLOOR SURFACE, THE FLOOR AREA SHOULD BE CAPABE SUPPORTING WEIGHT LOADS OF 600 Ibs AT THE CENTER THE DOOR (CENTER SHAFT CONNECTION), AND 1000 Ibs LOAD EVENLY DISTRIBUTED ACROSS THE OUTSIDE DRUM WALLS.

ACCESS CONTROL SYSTEMS (CARD READER, ETC.) TO SUPPLY SIGNAL TO THE REVOLVER CONTROL TO BEGIN ROTATION OF THE

DOOR SYSTEM, BY OTHERS. BESAM DOOR SYSTEM WI SUPPLY OUTPUT SIGNAL TO ACCESS CONTROL SYSTEM T AT PASSAGE WAS COMPLETED. PASSAGE IN TWO DIRECTIONS CAN BE CONDUCTED SIMULTANEOUSLY.

ACCESS CONTROL FEATURES:

2—WAY SECURITY DETECTION BY OVERHEAD SENSORS (ANTI-TAILGATING).

(ANII-FALCATING).
PASSAGE BY UNAUTHORIZED PERSONAL WILL CAUSE THE DOOR TO STOP ROTATING, VOICE ACTIVATION WILL ANNOUNC "SECURITY VIOLATION - DOORS WILL REVERSE", THE DOOR WILL THEN REVERSE DIRECTION TO ALLOW UN-AUTHORIZED PERSON TO EXIT THE DOOR. DOOR SYSTEM WILL THEN RESU E OPERATION TO ALLOW AUTHORIZED PERSON TO COMPLETE DASSAGE"

SAFFTY FEATURES:

ETY FEATURES:

AN OBSTRUCTION FORCE CAUSING ROTATION TO SLOW OR STOP WILL ACTIVATE THE CURRENT SENSING DOOR WING SAFE Y CIRCUIT. THIS CIRCUIT WILL STOP THE ROTATION ACTION THEN RESUME OPERATION, IF THE CAUSE OF THE STOP OR SLOW DOWN REMAINS THIS PAUSE AND RESUME ACTION W LICEPEAT TWO ADDITIONAL TIMES. IF THE CAUSE HAS STILL NOT BEEN CLEAPED AT THIS POINT, THE DOOR SYSTEM WILL SHITD DRIVEN WALL MOUNTED COMPRESSIBLE SAFETY OWNOTHES WILL DOOR TO THE "A" POSITION WHEN AN OBJECT IS LODGED STOP ROTATION IF PRESSURE IS APPLIED AND WILL REVE SE THE DOOR TO THE ""+" POSITION WHEN AN OBJECT IS LODGED BETWEEN THE DRUM WALL AND A DOOR WING. BETWEEN THE DRUM WALL AND A DOOR WING.
EMERGENCY STOP BUTTON, WHEN ACTIVATED, WILL STOP
ROTATION OF THE DOOR UNTIL A SUPERVISED RESET IS

STANDARD FEATURES:
MICROPROCESSOR CONTROL SYSTEM WITH SELF—MONITOR NG
CHECK CIRCUITS, POSITIVE SPEED CONTROL FOR PROPER DOOR
SPEED OPERATION. PCD PROGRAMMED CONTROL DEVICE WITH
OPERATOR KEYPAD TO CONTROL THE DOOR OPERATION, DISPLAY OPERATIONAL AND ERROR CODES FOR VISUAL DIAGNOSTICS OF THE DOOR SYSTEM. DOORS ARE EQUIPPED WITH RECESSED LOW VOLTAGE HALOGEN

LIGHTS. 6 PER DOOR

OUTSIDE DRUM WALL GLASS TO BE 76" LAMINATED CURVED GLASS. ROTATING DOOR GLASS TO BE 1" LAMINATED CLEAR

GLASS.
INTERIOR CEILING TO BE WOOD SUBSTRATE WITH WHITE LAMINATE SURFACE.
DUST PROTECTION ROOF.

TECHNICAL DATA:

POWER REQUIRED, (1) 208VAC TO 240VAC, 20 AMP DEDICATED CIRCUIT AND (1) 120VAC 20 AMP CIRCUIT 2 GANG (4 RECEPTACLE) OUTLET BOX FOR CONNECTION OF VOICE BOX SECURITY SENSORS.

NORMAL SPEED ADJUSTMENT, INDEPENDENTLY ADJUSTABLE FROM 1 TO 5 R.P.M.

FINISHES: (SPECIFY):

- SHES: (SPECIFY):

 ___ CLEAR ANODIZED.

 __ DARK BRONZE ANODIZED

 __ POWDER COAT PAINTED _ KYNAR PAINT #
- STAINLESS STEEL CLAD
- __ #8 MIRROR FINISH
- ___ #4 SATIN FINISH ___ OTHER CLAD _____

OPTIONAL FEATURE:

HIG NO. RD4A-2 EMERGENCY BREAKAWAY SYSTEM FOR ROTATING DOORS CAN BE INTEGRATED WITH THE FIRE ALARM SYSTEM.

RN BY D.D.D. DATE 5/12/99 OHK BY DATE DATE 5/30/

BESAM RD4A-2 2 WAY ACCESS CONTROL REVOLVING DOOR SYSTEM SECTION VIEW



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