



W - INLET
 W' - DISCHARGE
 AD - MAXIMUM SHEAVE WIDTH
 (SEE OVERHUNG LOAD LIMIT K-24102)
 AE - MINIMUM SHEAVE DIAMETER
 (SEE OVERHUNG LOAD LIMIT K-24102)
 ALL DIMENSIONS IN INCHES

INLET & DISCHARGE FLANGES TO
 MATE FLUSH & SQUARE WITH
 FLAT FACE FLANGE ONLY.
 USE FULL FACE GASKETS.
 V-BELT DRIVEN UNITS: MOTOR
 TO BE LOCATED ON INLET SIDE
 OF BLOWER.

A 5048V B 5048V C 5560V D 5767V
 E 5986V F 6006V

| FLG | 5" | 6" | 8" | 10" |
|-----------------|--------|--------|--------|-------|
| OPENING | 5' | 6' | 8' | 10' |
| BOLT CIRCLE | 8.50 | 9.50 | 11.75 | 14.25 |
| FLANGE O.D. | 10.00 | 11.00 | 13.50 | 16.00 |
| No TAPPED HOLES | 8 | 8 | 8 | 12 |
| SIZE HOLES | 3/4-10 | 3/4-10 | 3/4-10 | 7/8-9 |
| TAP DEPTH | 1.13 | 1.13 | 1.13 | 1.13 |

| FRAME SIZE | A | A' | B | C | D | D' | E | E' | F | G | H | J | K | M | N | O | P | R | S | U | V | KEYWAY | W | W' | AA | AB | AD | AE | AF | APPROX WEIGHT |
|------------|------|-------|-------|-------|-------|------|------|------|-------|-----|-----|------|------|-------|------|-------|-------|-------|------|------|------|-----------|--------|--------|------|-------|------|------|-------|---------------|
| 404 | 8.00 | 11.00 | 8.75 | 18.50 | 11.25 | 7.50 | 2.50 | 4.75 | 3.75 | .38 | .44 | 2.50 | 2.00 | 5.95 | 3.48 | 16.63 | 12.00 | 9.00 | 4.50 | 1.50 | 2.75 | .375X.188 | 3"NPT | 3"NPT | 6.00 | 7.63 | 3.06 | 7.10 | 15.25 | 230 |
| 406 | " | " | 10.75 | 20.50 | " | " | " | " | 4.75 | " | " | " | " | 6.95 | " | " | " | " | " | " | " | " | 4"NPT | 4"NPT | " | " | " | " | " | 260 |
| 409 | " | " | 13.75 | 23.50 | " | " | " | " | 6.25 | " | " | " | " | 8.45 | " | " | 11.00 | " | " | " | " | " | " | " | 5.50 | " | " | " | " | 300 |
| 412 | " | " | 16.75 | 26.50 | " | " | " | " | 7.75 | " | " | " | " | 9.95 | " | " | " | " | " | " | " | " | 6"FLG | 6"FLG | " | " | " | " | " | 360 |
| 418 | " | " | 22.75 | 32.50 | " | " | " | " | 10.75 | " | " | " | " | 12.95 | " | " | " | " | " | " | " | " | 8"FLG | 8"FLG | " | " | " | " | " | 440 |
| 616 | 9.00 | 15.00 | 20.75 | 32.19 | 15.00 | 9.00 | 3.50 | 6.50 | 9.75 | .38 | .56 | 2.50 | 2.00 | 12.41 | 4.30 | 22.00 | 14.50 | 12.00 | 6.00 | 2.00 | 3.63 | .500x.250 | 8"FLG | 8"FLG | 7.25 | 10.00 | 4.44 | 8.50 | 20.00 | 650 |
| 624 | " | " | 28.75 | 40.19 | " | " | " | " | 13.75 | " | " | " | " | 16.41 | " | " | " | " | " | " | " | " | 10"FLG | 10"FLG | " | " | " | " | " | 775 |

CERTIFIED CORRECT FOR CUSTOMER ORDER No. _____
 ROOTS ORDER No. _____
 DATE _____

| | | | | | | |
|-----------|----------------------|--------------------------------|---|-------|------|-----------------|
| K | REMOVED AA' | RDR 6484V | V-BELT DRIVE DATA | | | |
| J | REV. DIM "H" ON 600 | RDR 6294V BMS AGP BELTS | 400/600 SERIES RAM (NON-WHISPAIR) RAM | | | |
| H | REV. DIM "AF" ON 600 | RDR 6260V BMS AGP DRIVE SHEAVE | | | | |
| G | REV. DIM "M" ON 624 | RDR 6186V BMS DB DRIVEN SHEAVE | | | | |
| REVISIONS | | BY | CHANGE NOTICE | CHKD. | APP. | CENTER DISTANCE |

ROOTS DIVISION
 DRESSER EQUIPMENT GROUP
 A HALLIBURTON COMPANY
 CONNERSVILLE, IN USA

| | | | | |
|-----|------|-----|----------|--------|
| RDR | BMS | RDA | 78390021 | REV. K |
| DR | CHKD | APP | | |