

## Mycom 250 VLD package (3.6 VI)

### Specifications

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Hersteller            | Mycom                                                        |
| Typ                   | 250 VLD package (3.6 VI)                                     |
| Kältemittel           | NH 3 (ammonia)                                               |
| kW at 0°C/+40°C       | 2239,3                                                       |
| kW at -5°C/+40°C      | 1853,2                                                       |
| kW at -10°C/+40°C     | 1523,9                                                       |
| kW at -20°C/+40°C     | 984,6                                                        |
| kW at -30°C/+40°C     | 600                                                          |
| kW at -40°C/+40°C     | 351,7                                                        |
| Anlaufentlastung      | ✓                                                            |
| Leistungsregelung     | ✓                                                            |
| Auf einem Stahlrahmen | ✓                                                            |
| Druckschalter         | ✓                                                            |
| Ölabscheider          | ✓                                                            |
| Schauglass            | ✓                                                            |
| Schaltschrank         | ✓                                                            |
| Power                 | 679 BPH -nh3- ( see attached spec picture)                   |
| Bemerkungen           | VI setpoint = 3.6                                            |
| Bemerkungen           | *Capacity is an example, depending on capacity electro motor |
| Bemerkungen           | *Capacity @ 2950Rpm                                          |
| Package / Rack        | ✓                                                            |
| Größe                 | 4000x2650x3200 mm (LxWxH)                                    |



Stock

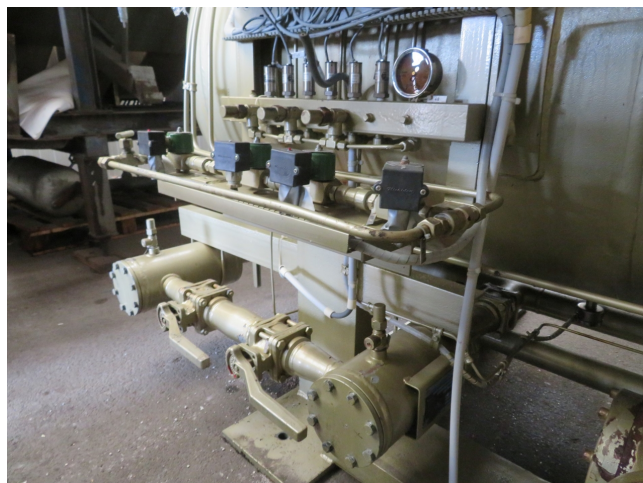
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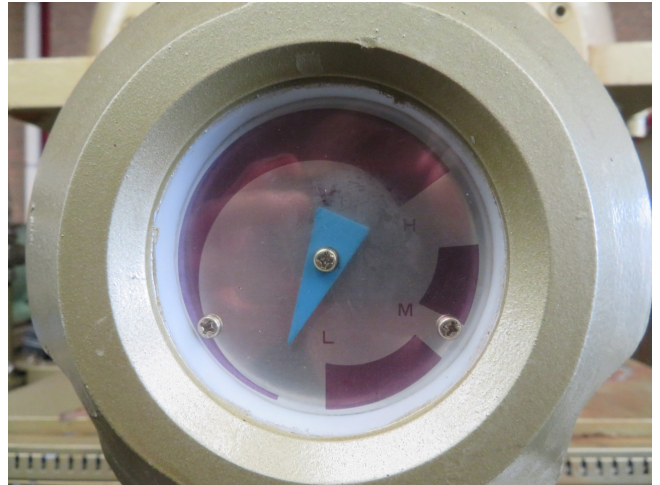
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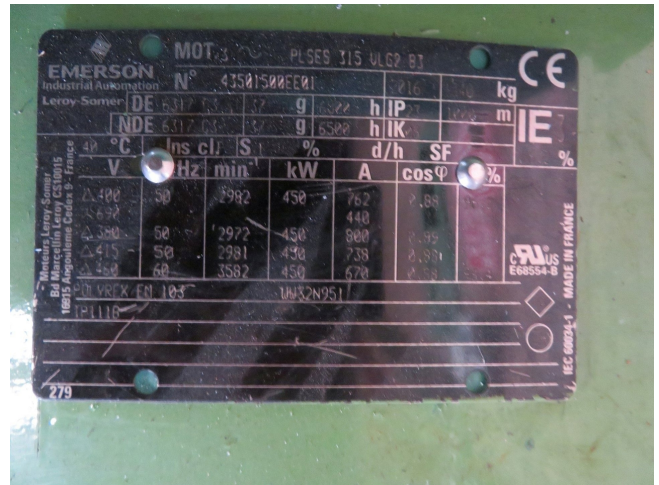
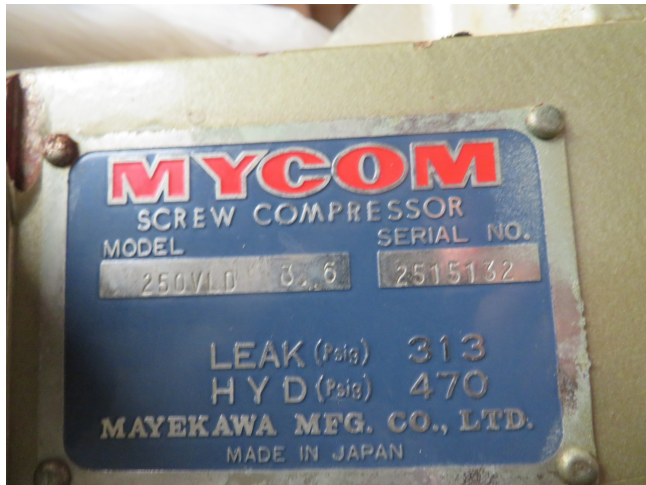
## Description

### **Used Mycom 250 VLD package (3.6 VI)**

Used, well maintained Mycom / Mayekawa 250 VLD 3.6 single stage screw package, build on steel frame, with Oil separator Mycom HS10030/250, control panel, pump, valves, and other necessary components // Optional we have a large selection of electro-motors. // Optional we can perform overhaul and spray-paint.







## (5) Weight table

| Weight (kg) |       |        |       |
|-------------|-------|--------|-------|
| 160VSD      | 370   | 160VSG | 350   |
| VMD         | 380   | VMG    | 360   |
| VLD         | 390   | VLG    | 410   |
| 200VSD      | 630   | 200VSG | 610   |
| VMD         | 670   | VMG    | 650   |
| VLD         | 700   | VLG    | 680   |
| 250VSD      | 1,180 | 250VSG | 1,120 |
| VMD         | 1,220 | VMG    | 1,180 |
| VLD         | 1,300 | VLG    | 1,260 |
| VLLD        | 1,390 | VLLG   | 1,350 |
| 320VSD      | 2,240 |        |       |
| VMD         | 2,480 |        |       |
| VLD         | 2,640 |        |       |

## PHYSICAL DATA:

| DIMENSIONS (INCHES) |    |    |     |     |    | CONNECTIONS (INCHES) |        | APPROX.   | MODEL #  |
|---------------------|----|----|-----|-----|----|----------------------|--------|-----------|----------|
| A                   | B  | C  | L   | H   | W  | SUCTION              | DISCH. | WEIGHT LB |          |
| 47                  | 28 | 34 | 107 | 68  | 51 | 4                    | 2      | 3000      | 125SUD   |
| 47                  | 28 | 37 | 110 | 68  | 51 | 4                    | 2      | 3050      | 125LUD   |
| 47                  | 28 | 38 | 111 | 71  | 48 | 4                    | 2 1/2  | 3400      | 160VSD   |
| 50                  | 34 | 39 | 128 | 76  | 51 | 4                    | 2 1/2  | 4750      | 160 VMD  |
| 50                  | 34 | 41 | 130 | 76  | 51 | 4                    | 3      | 4800      | 160 VLD  |
| 50                  | 34 | 48 | 137 | 81  | 53 | 5                    | 3      | 5450      | 200VSD   |
| 60                  | 38 | 46 | 152 | 90  | 59 | 6                    | 4      | 6850      | 200VMD   |
| 60                  | 38 | 48 | 154 | 90  | 59 | 6                    | 4      | 6950      | 200 VLD  |
| 60                  | 38 | 50 | 156 | 95  | 68 | 6                    | 4      | 8600      | 250 VSDS |
| 60                  | 38 | 50 | 156 | 95  | 68 | 6                    | 4      | 8600      | 250VSD   |
| 90                  | 42 | 52 | 188 | 107 | 80 | 8                    | 4      | 11750     | 250VMDS  |
| 90                  | 42 | 52 | 188 | 107 | 80 | 8                    | 5      | 11750     | 250 VMD  |
| 90                  | 42 | 55 | 191 | 107 | 80 | 8                    | 5      | 11950     | 250 VLD  |
| 90                  | 42 | 59 | 195 | 112 | 74 | 8                    | 5      | 14850     | 320 SUD  |

## STANDARD RATINGS:

| MODEL #  | DISPLACEMENT | R-717          |              | R-22           |              |
|----------|--------------|----------------|--------------|----------------|--------------|
|          |              | CAPACITY<br>TR | POWER<br>BHP | CAPACITY<br>TR | POWER<br>BHP |
| 125 SUD  | 140          | 48.5           | 56.7         | 29.3           | 53.5         |
| 125 LUD  | 209          | 71.4           | 85.1         | 44.0           | 81.3         |
| 160 VSD  | 294          | 102.7          | 119.3        | 69.0           | 117.4        |
| 160 VMD  | 367          | 128.9          | 149.1        | 86.7           | 147.5        |
| 160 VLD  | 441          | 155.5          | 170.0        | 104.7          | 177.5        |
| 200 VSD  | 574          | 206.3          | 233.0        | 138.4          | 232.0        |
| 200 VMD  | 719          | 259.5          | 291.6        | 173.7          | 291.2        |
| 200 VLD  | 860          | 312.5          | 348.9        | 208.8          | 349.2        |
| 250 VSDS | 997          | 366.1          | 403.9        | 243.2          | 404.8        |
| 250 VSD  | 1120         | 414.2          | 454.1        | 274.1          | 455.6        |
| 250 VMDs | 1250         | 461.1          | 509.0        | 307.6          | 511.3        |
| 250 VMD  | 1400         | 518.6          | 568.8        | 344.5          | 571.9        |
| 250 VLD  | 1670         | 618.9          | 678.7        | 413.0          | 683.5        |
| 320 SUD  | 2250         | 831.3          | 912.9        | 545.8          | 921.4        |
| 320 MUD  | 2800         | 1035.1         | 1137.6       | 680.1          | 1149.7       |
| 320 LUD  | 3350         | 1238.9         | 1362.2       | 814.4          | 1378.2       |
| 320 LLUD | 3970         | 1489.5         | 1626.9       | 982.8          | 1647.5       |
| 400 SUD  | 4590         | 1722.1         | 1881.0       | 1136.3         | 1904.8       |
| 400 MUD  | 5760         | 2161.1         | 2360.4       | 1425.9         | 2390.3       |

A. Performance based on 20° F (-6.7°C) evaporating temperature, 95°F (35°C) condensing, 10°F (5.5°C) sub-cooling and 10°F (5.5°C) suction superheat.

B. Performance based on 5° F (-15°C) evaporating temperature, 105°F (40.6°C) condensing, 10°F (5.5°C) sub-cooling and 10°F (5.5°C) suction superheat.

Data source: MYCOM screw compressor performance program v 8.21

MAYEKAWA Screw compressors  
Single-stage

