

Generic NOMENCLATURE of pump COMPONENTS



**TRAVAINI
PUMPS USA**
Liquid Ring & Rotary Vane Vacuum Pumps and Systems

200 Newsome Drive
Yorktown, VA 23693
1-800-535-4243
www.Travaini.com

| VDMA | DESCRIPTION | VDMA | DESCRIPTION | VDMA | DESCRIPTION |
|--------|---------------------------------------|--------|-------------------------------|----------|----------------------------|
| 101 | Casing | 355 | Sleeve bearing housing | 639 | Oil sight gauge |
| 102 | Volute casing | 357... | M.S. and bearing housing | 640 | Constant level oilier |
| 103 | Suction/discharge intermediate casing | 357.S | Non drive end bearing housing | 643 | Oil dipstick |
| 106 | Suction casing | 358 | Bearing housing | 672... | Cock |
| 107 | Discharge casing | 360... | Bearing cover | 680 | Guard |
| 108... | Stage casing | 365... | Bearing shield | 681 | Sheet metal coupling guard |
| 109... | Suction Stage casing | 375.1 | Spacer | 685 | Mesh guard |
| 110... | Impeller casing | 375.2 | Bearing housing cover | 701 | Circulation tubing |
| 111 | Priming stage casing | 383 | Vertical intermediate guide | 707 | Circulation tubing |
| 113 | Intermediate casing | 400... | Gasket | 711... | Piping stand |
| 114... | Channel stage casing | 411... | V-Ring | 713 | Discharge pipe |
| 116 | Cooling housing | 412... | O-Ring | 721 | Suction flange |
| 120 | Rear casing | 421... | Radial seal ring | 723 | Companion flange |
| 132 | Fly-wheel | 423... | Labyrinth radial seal ring | 724 | Blind flange |
| 134 | Side plate | 433... | Mechanical seal | 725 | Collar |
| 135... | Wear plate | 434... | Radial mechanical seal | 730 | Elbow |
| 137... | Suction & discharge plates | 441... | Mechanical seal housing | 731... | Fitting |
| 137.1 | Suction plate | 442 | Mechanical seal cover | 734 | M.F. Fitting |
| 137.2 | Discharge plate | 450... | Cooling insert | 735 | M.M. Fitting |
| 137.3 | Suction plate | 451... | Packing seal housing | 736 | Nipple |
| 137.4 | Discharge plate | 452... | Oval gland flange | 745 | Filter |
| 138 | Suction fitting | 455 | Gland insert | 800 | Electric motor |
| 140... | Intermediate plate | 458 | Lantern ring | 801 | Flanged motor |
| 141 | Separator plate | 460 | Gland | 806 | Reducer |
| 142 | Flushing plate | 461... | Packing ring | 818.G | Magnetic coupling assembly |
| 147 | Manifold | 462 | Inner packing ring | 853 | Shell type coupling |
| 147.5 | Separator manifold | 465 | Vertical packing seal housing | 861... | Half coupling |
| 149... | Diffuser | 471... | Mechanical seal cover | 867 | Coupling insert |
| 150 | Diffuser housing | 475 | Stationary flanged ring | 869 | Spacer coupling |
| 161 | Casing cover | 485... | M.S. locating ring | 892 | Raising pad |
| 162 | Suction cover | 486 | Ball | 900... | Screw |
| 163 | Casing cover | 489 | Stationary retaining ring | 900.5 | Eyebolt |
| 165 | Cooling cover | 502... | Wear ring | 901... | Screw |
| 167 | Cooling plate | 504 | Spacer | 901.7... | Bolt |
| 180.5 | Valves plate | 505... | Shoulder ring | 902... | Stud |
| 180.6 | Metal cover | 506 | Locking ring | 903... | Plug |
| 183... | Support foot | 506.1 | Impeller split locking ring | 904... | Grub screw |
| 184 | Adapting flange | 506.2 | Impeller locking ring | 905... | Tie bolt |
| 185 | Motor flange | 507... | Thrower | 911 | Filling plug |
| 187 | Support plate | 510 | Oil splash ring | 914... | Screw |
| 187.1 | Housing guard | 521 | Impeller spacer sleeve | 920... | Nut |
| 210 | Shaft | 522 | M.S. spacer sleeve | 921 | Impeller nut |
| 210.1 | Auxiliary shaft | 523 | M.S. shaft sleeve | 922... | Locking impeller nut |
| 230... | Impeller | 524 | Packing shaft sleeve | 923... | Bearing nut |
| 230.2 | Left rotation centrifugal impeller | 525 | Spacer sleeve | 924... | Locking sleeve |
| 231 | Priming impeller | 527 | Seal shaft sleeve | 925 | Self locking nut |
| 235 | Impeller cover | 530 | Bearing sleeve | 932... | Circlip |
| 303 | Vertical bearing housing | 542... | Throttling bushing housing | 934 | Heli-coil |
| 310... | Bearing bushing | 543 | Plate spacer | 935 | Wafer ring |
| 310.2 | Bearing bushing | 550 | Bottom ring | 940... | Key |
| 311 | Bearing bushing | 551 | Insert with orifice | 955 | Helicoidal spring |
| 320... | Single ball bearing | 554... | Washer | 991 | Ball float valve |
| 321... | Double ball bearing | 554.5 | Spring washer | | |
| 322 | Double roller bearing | 554.L | Anti-unscrewing washer | | |
| 323... | Single roller bearing | 560 | M.S. elastic pin | | |
| 330 | Bearing housing | 561 | Elastic pin | | |
| 341 | Motor lantern | 562... | Cylinder pin | | |
| 345 | Frame with feet | 635 | Grease nipple | | |
| 350... | Bearing housing | 636 | Grease cup | | |
| 353 | Flanged bearing bracket | 637 | Oil filling plug | | |

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