

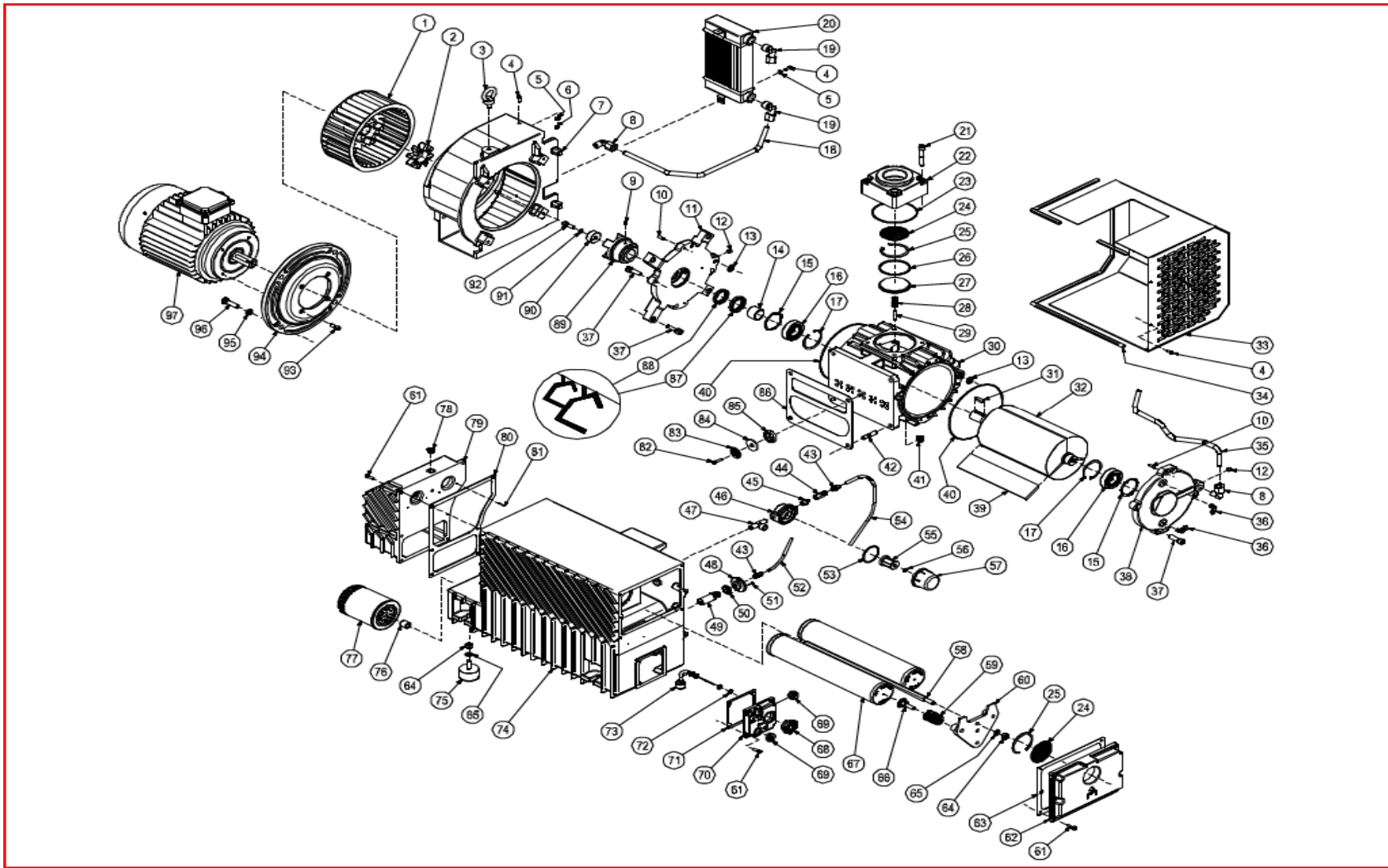
**LIQUID RING VACUUM PUMPS**

Cross Sectional Drawing

TITAN Series Single-stage Monoblock

Liquidring Vacuum Pump

**RVL145H-03**



RVL145H-03



## LIQUID RING VACUUM PUMPS

Spare parts lists

TITAN two-stage  
liquid ring vacuum pump  
RVL145H-03

### Kits

| Item# | Part No.  | Description                   | Material | Minor | Major    | Qty |
|-------|-----------|-------------------------------|----------|-------|----------|-----|
| 1     | 3610005   | Fan Group                     |          |       |          | 1   |
| 2     | 1901011   | Coupling Rubber               |          |       | Included | 1   |
| 3     | 0403002   | Eyebolt                       |          |       |          | 1   |
| 4     | 0104021   | Screw Cylindric Head M6 x 16  |          |       |          | 6   |
| 5     | 0301004   | Washer                        |          |       |          | 2   |
| 6     | 0201016   | Nut M6 Cone Lock              |          |       |          | 1   |
| 7     | 4302029   | Motor Flange                  |          |       |          | 1   |
| 8     | 2106081   | Oil Fitting                   |          |       |          | 2   |
| 9     | 0105016   | STEI Screw M8 x 10            |          |       |          | 1   |
| 10    | 0601004   | Cylindric Pin                 |          |       |          | 4   |
| 11    | 3201038   | Rear Cover                    |          |       |          | 1   |
| 12    | 1103004   | STEI Knob 1/8"                |          |       |          | 2   |
| 13    | 1001003/V | O-ring                        | Viton    |       | Included | 2   |
| 14    | 4810003   | Bearing                       |          |       |          | 1   |
| 15    | 1601001   | Spring                        |          |       |          | 2   |
| 16    | 2401023   | Bearing                       |          |       |          | 2   |
| 17    | 0501013   | Circlip                       |          |       |          | 2   |
| 18    | 5003047   | Oil Pipe                      |          |       |          | 1   |
| 19    | 2106082   | Oil Fitting                   |          |       |          | 2   |
| 20    | 5006003   | Cooler                        |          |       |          | 1   |
| 21    | 0101060   | Screw Cylindric Head M10 x 20 |          |       |          | 4   |
| 22    | 4508036   | Inlet Fitting                 |          |       |          | 1   |
| 23    | 1001056/V | O-ring                        | Viton    |       | Included | 1   |
| 24    | 4503050   | Inlet Filter                  |          |       | Included | 2   |
| 25    | 0501012   | Circlip                       |          |       |          | 2   |
| 26    | 1001074   | O-ring                        | Viton    |       | Included | 1   |
| 27    | 1703025   | Inlet Valve Plate             |          |       |          | 1   |
| 28    | 4701031   | Spring                        |          |       | Included | 1   |
| 29    | 0601009   | Cylindric Pin                 |          |       |          | 1   |
| 30    | 3001124   | Pump Body                     |          |       |          | 1   |
| 31    | 0701008   | Key                           |          |       |          | 1   |
| 32    | 3103007   | Rotor                         |          |       |          | 1   |
| 33    | 3703037   | Air Cooling Cover             |          |       |          | 1   |
| 34    | 1903013   | Shock Mount Set               |          |       |          | 1   |
| 35    | 5003046   | Oil Pipe                      |          |       |          | 1   |
| 36    | 2106006   | Fitting 1/8"                  |          |       |          | 2   |
| 37    | 0101054   | Screw Cylindric Head M10 x 35 |          |       |          | 12  |
| 38    | 3202056   | Front Cover                   |          |       |          | 1   |
| 39    | 3302034   | Vane                          |          |       | Included | 3   |
| 40    | 1001073   | O-ring                        | Viton    |       | Included | 2   |
| 41    | 0204004   | Flange Nut                    |          |       |          | 4   |
| 42    | 0402005   | Tie Rod                       |          |       |          | 4   |
| 43    | 2106014   | Fitting 1/8"                  |          |       |          | 2   |
| 44    | 9007011   | Check Valve                   |          |       |          | 1   |
| 45    | 2001011   | Riduction                     |          |       |          | 1   |
| 46    | 1705002   | Filter Cover                  |          |       |          | 1   |

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Pump no.

Reference

10/7/2009



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Spare parts lists

TITAN two-stage  
liquid ring vacuum pump  
RVL145H-03

### Kits

| Item# | Part No.  | Description                  | Material | Minor    | Major    | Qty |
|-------|-----------|------------------------------|----------|----------|----------|-----|
| 47    | 2106064   | T Fitting 1/4"               |          |          |          | 1   |
| 48    | 4801019   | Oil Recovery Valve Support   |          |          |          | 1   |
| 49    | 9007022   | Oil Recovery Valve           |          |          |          | 1   |
| 50    | 1001075   | O-ring                       | Viton    |          | Included | 1   |
| 51    | 0101004   | Screw Cylindric Head M4 x 12 |          |          |          | 2   |
| 52    | 5003035   | Oil Recovery Pipe            |          |          | Included | 1   |
| 53    | 1001006   | O-ring                       | Viton    |          | Included | 1   |
| 54    | 5004039   | Gas Ballast Pipe             |          |          | Included | 1   |
| 55    | 1803002   | Filter Element               |          |          | Included | 1   |
| 56    | 1001066   | O-ring                       | Viton    |          | Included | 1   |
| 57    | 1705003   | Filter Bowl                  |          |          |          | 1   |
| 58    | 4110033   | Connecting Rod               |          |          |          | 1   |
| 59    | 4701030   | Spring                       |          |          | Included | 2   |
| 60    | 4801018   | Exhaust Filter Stand Pin     |          |          |          | 1   |
| 61    | 0101023   | Screw Cylindric Head M6 x 20 |          |          |          | 16  |
| 62    | 5202068   | Oil Tank Cover               |          |          |          | 1   |
| 63    | 4901052   | Gasket                       |          | Included | Included | 1   |
| 64    | 0201008   | Nut                          |          |          |          | 4   |
| 65    | 0301006   | Washer                       |          |          |          | 4   |
| 66    | 4803029   | Exhaust Filter Pin           |          |          |          | 2   |
| 67    | 1801033   | Exhaust Filter               |          | Included | Included | 2   |
| 68    | 1105004   | Oil Sight Glass              |          |          |          | 1   |
| 69    | 1110004   | Knob 1/2" + O-ring           |          |          |          | 2   |
| 70    | 5202061   | Oil Tank Cover               |          |          |          | 1   |
| 71    | 4901044   | Gasket                       |          |          | Included | 1   |
| 72    | 0304008   | Aluminum Washer *            | Aluminum |          |          | 2   |
| 73    | 9013002   | Electric Level Switch *      |          |          |          | 1   |
| 74    | 5202084   | Oil Tank                     |          |          |          | 1   |
| 75    | 1503009   | Shock Mount                  |          |          |          | 3   |
| 76    | 4101017   | Special Screw                |          |          |          | 1   |
| 77    | 1809002   | Oil Filte w/ Bypass Valve    |          | Included | Included | 1   |
| 78    | 1110002   | Knob 1/4" + O-ring           |          |          |          | 1   |
| 79    | 5202071   | Oil Tank Cover               |          |          |          | 1   |
| 80    | 4901053   | Gasket                       |          |          | Included | 1   |
| 81    | 0602002   | Elastic Pin                  |          |          |          | 4   |
| 82    | 0101024   | Screw Cylindric Head M6 x 25 |          |          |          | 5   |
| 83    | 4505012   | Valve Rest                   |          |          |          | 5   |
| 84    | 4505011/V | Check Valve Rubber           | Viton    |          | Included | 5   |
| 85    | 4601024   | Exhaust Valve Body           |          |          |          | 5   |
| 86    | 4901051   | Gasket                       |          |          | Included | 1   |
| 87    | 0901023   | Shaft Seal                   | Viton    |          | Included | 1   |
| 88    | 0901022   | Shaft Seal                   | Viton    |          | Included | 1   |
| 89    | 3801020   | Coupling                     |          |          |          | 1   |
| 90    | 4001020   | Special Washer               |          |          |          | 1   |
| 91    | 0303004   | Washer                       |          |          |          | 1   |
| 92    | 0101036   | Screw Cylindric Head M8 x 25 |          |          |          | 1   |

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