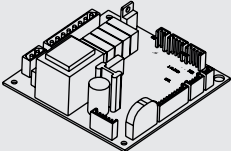
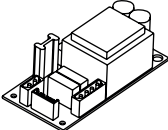
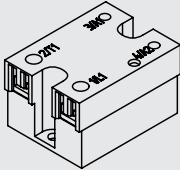
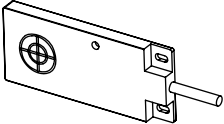
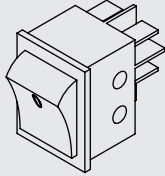


# QUARTZ ONE TOUCH

## TECHNICAL MANUAL

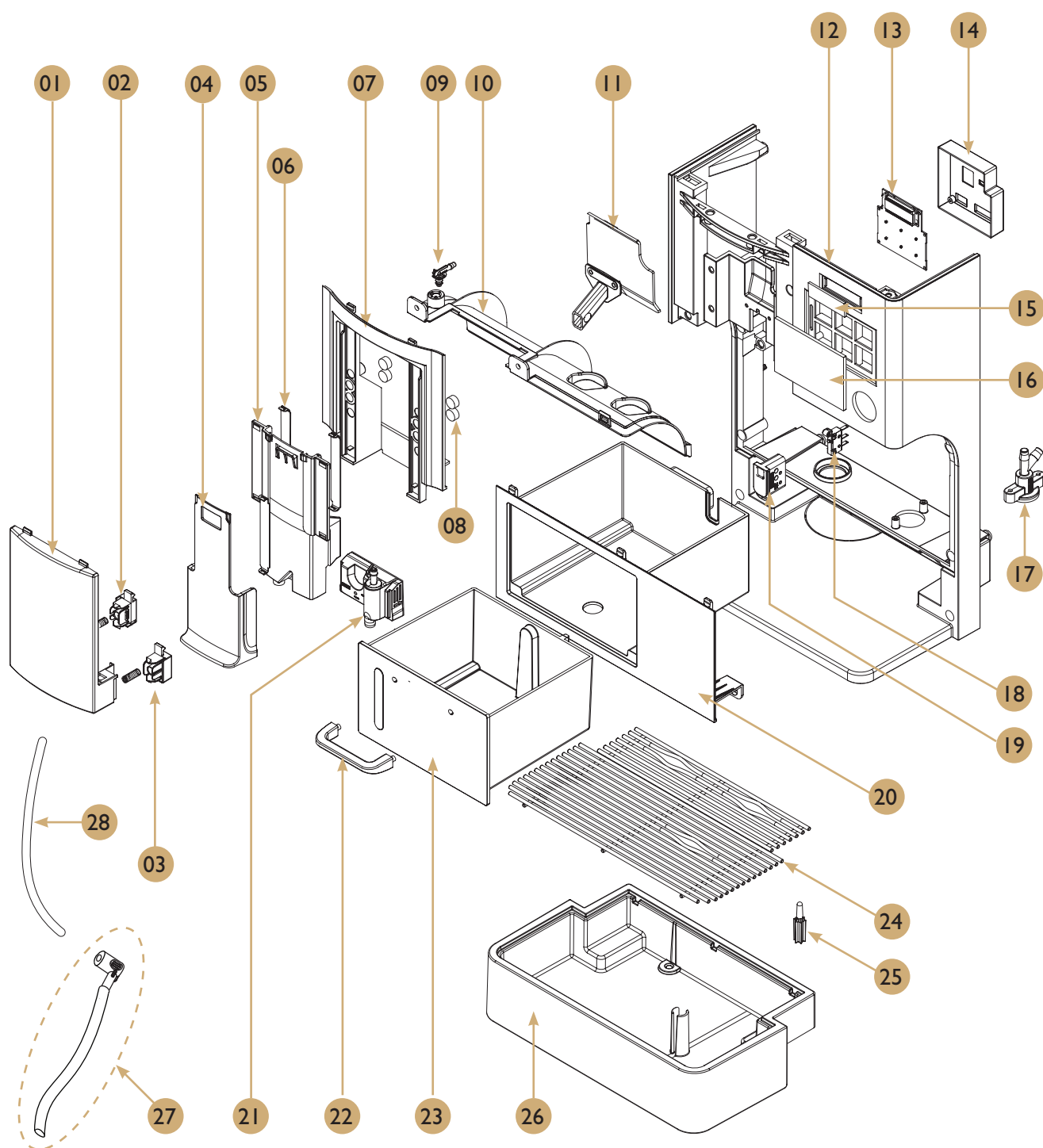


## Electrical components

| Part                                                                                | Part No.  | Description                     |
|-------------------------------------------------------------------------------------|-----------|---------------------------------|
|    | I660091   | PCB Control Board Quartz Touch  |
|    | I660092   | PCB Cappuccino Quartz One Touch |
|  | C60800101 | Static Relay 4-32               |
|  | C60100043 | Adaptive Level Detection        |
|  | C60900043 | Black Power Switch              |

## Machine front

Drawing



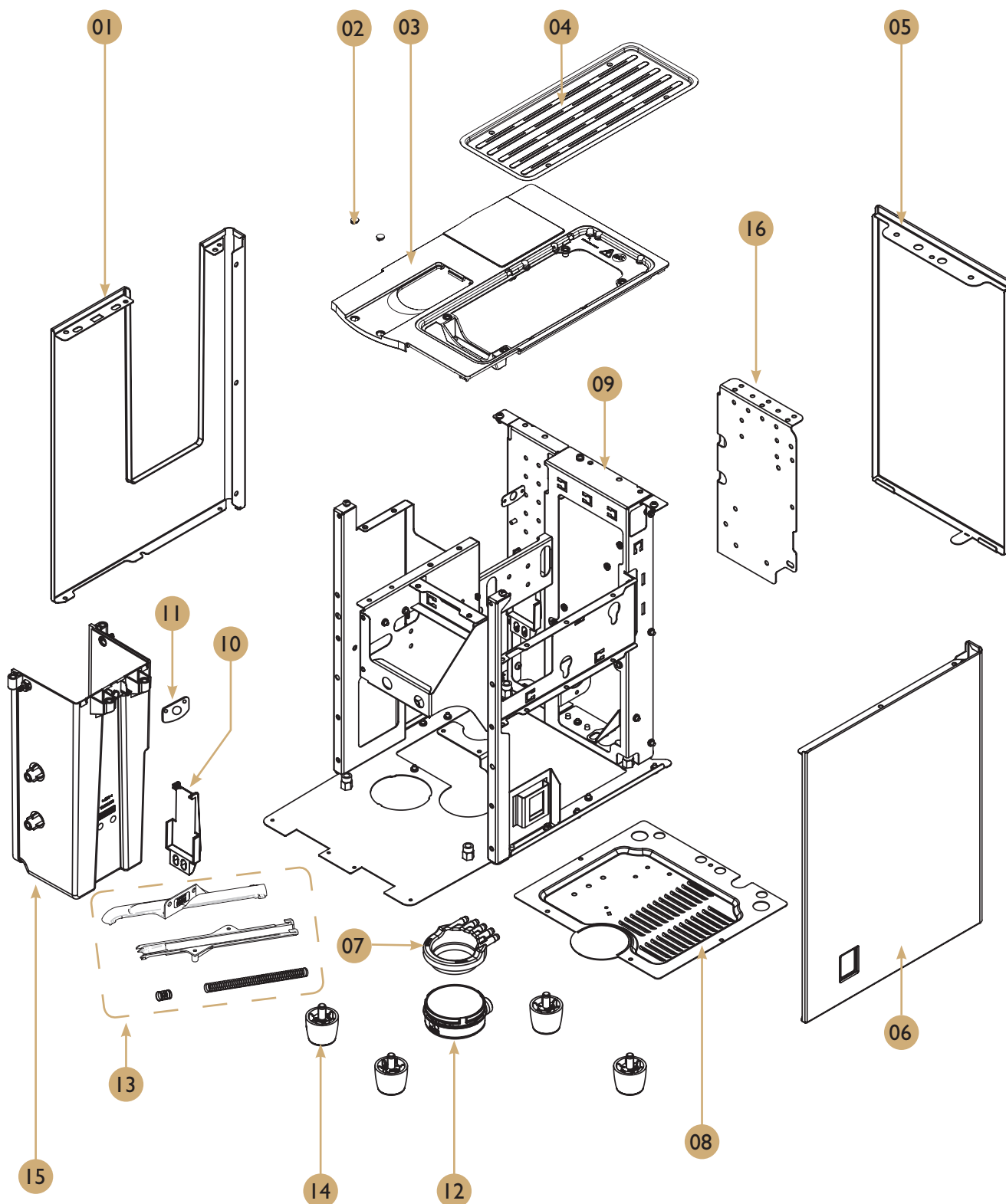
## Machine front

## Spare parts list

| POS. | PCS | Part No.   | Description                                      |
|------|-----|------------|--------------------------------------------------|
| 01   | 1   | 1264345    | Chromed Front Cover                              |
| 02   | 1   | 1264229    | Front Clip Right                                 |
| 03   | 1   | 1264256    | Front Clip Left                                  |
| 04   | 1   | 1264249    | Chromed Slider Trim Two Spout                    |
| 05   | 1   | 1264248    | Chromed Slider Front Two Spout                   |
| 06   | 2   | C200100220 | Sheetmetal Slides                                |
| 07   | 1   | 1264343    | Front Panel                                      |
| 08   | 4   | C70000061  | Magnets                                          |
| 09   | 1   | 1264233    | Top Front Cleaning Port Adapto                   |
| 10   | 1   | 1264354    | Splash Panel                                     |
| 11   | 1   | 1264348    | Coffee Spout                                     |
| 12a  | 1   | 1264342    | Display Trim Panel White                         |
| 12b  | 1   | 1264258    | Display Trim Panel Black                         |
| 13   | 1   | 1660094    | Touchpad                                         |
| 14   | 1   | 1264349    | Touchpad Cover                                   |
| 15   | 1   | 1264263    | Display Cover                                    |
| 16   | 1   | 1660095    | Keypad                                           |
| 17   | 1   | 1264337    | Group Jet Breaker (One Touch)                    |
| 17   | 1   | C30000046  | Group Jet Breaker (Classic)                      |
| 18   | 1   | 6165032    | Microswitch                                      |
| 19   | 1   | 1264220    | Microswitch Housing                              |
| 20   | 1   | 1264346    | Lower Front Cover                                |
| 21   | 1   | 70000030   | Cappuccino Set (One Touch only)                  |
| 22   | 1   | C70000027  | Chromed Handle                                   |
| 23   | 1   | 1264350    | Capsule Box                                      |
| 24   | 1   | 1364085    | Drip Grill                                       |
| 25   | 1   | 10003126   | Drip Tray Float                                  |
| 26   | 1   | 1264347    | Drip Tray                                        |
| 27   | 1   | 2760311    | Milk System Cleaning Connector w/300mm Sil. Hose |
| 28   | 1   | C35021000  | Silicon Milk Inlet Hose Dia. 4*7mm x 600mm       |

## Machine

Drawing



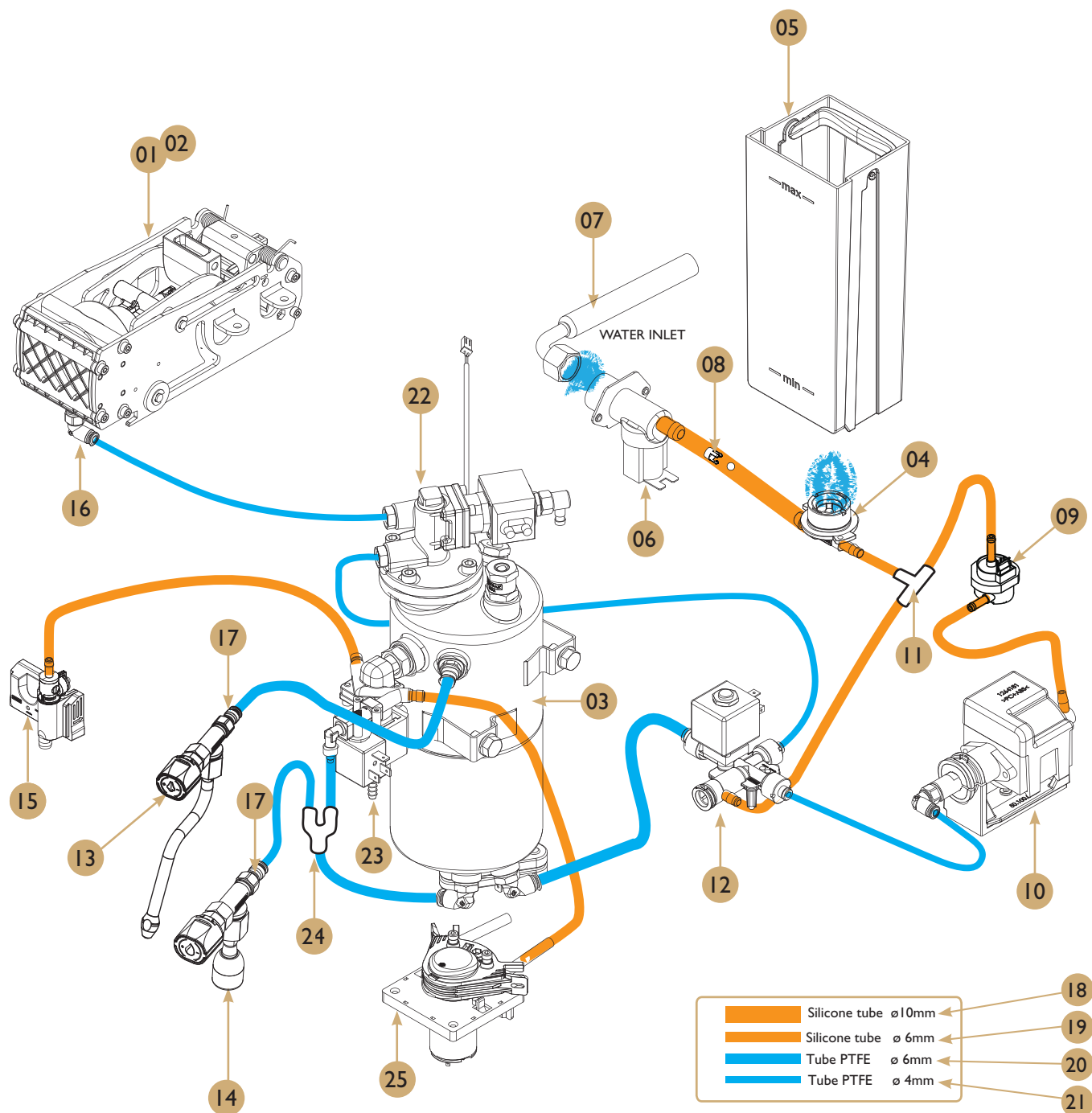
## Machine

## Spare parts list

| POS. | PCS | Part No.  | Description                          |
|------|-----|-----------|--------------------------------------|
| 01   | 1   | 261656    | Side Panel Left                      |
| 02   | 2   | C50000052 | End Gasket d.11                      |
| 03   | 1   | 2760096   | Top Frame Assy.                      |
| 04   | 1   | C10004180 | Cup Tray Stainless Steel             |
| 05   | 1   | C10004100 | Back Panel                           |
| 06   | 1   | 261655    | Side Panel Right                     |
| 07   | 1   | C70001005 | Drain Cup                            |
| 08   | 1   | 261654    | Chassis Base                         |
| 09   | 1   | N/A       | Chassis Assembly                     |
| 10   | 1   | C10004260 | Capacitive Level Probe Support Sys.  |
| 11   | 1   | C20010240 | Miniswitch Support Tank Cover Quartz |
| 12   | 1   | C70001002 | Threadless Drain Cup                 |
| 13   | 1   | 2760201   | Tube Guide Assy.                     |
| 14   | 4   | C70000041 | Leg-d-30                             |
| 15   | 1   | 1264344   | Tank Divider Panel                   |
| 16   | 1   | 261652    | Support Panel Electrical             |

## Water schematic

Drawing



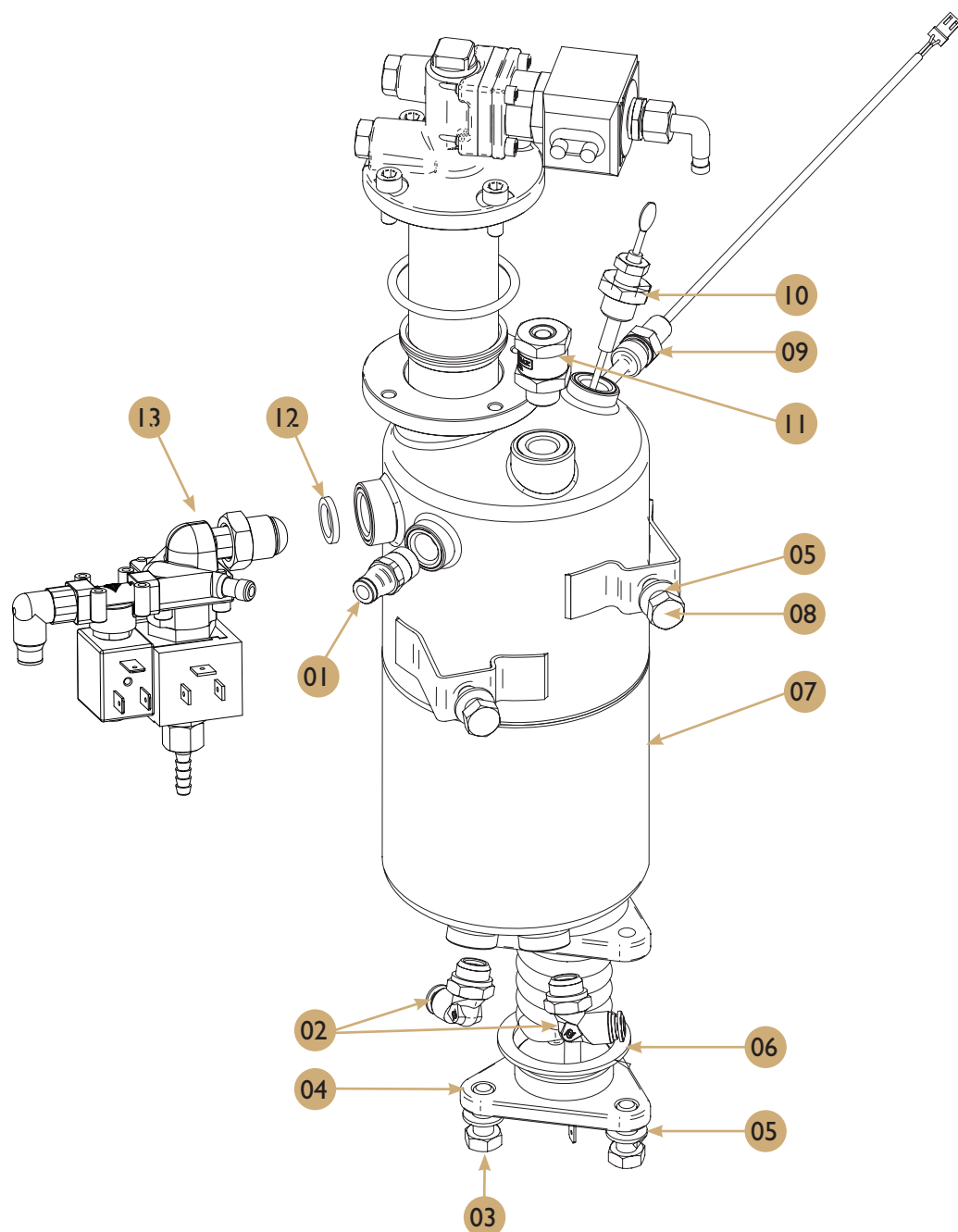
## Water schematic

## Spare parts list

| POS. | PCS | Part No.             | Description                               |
|------|-----|----------------------|-------------------------------------------|
| 01   | 1   | See Pg. 58-61        | Capsule Group Caffitaly                   |
| 02   | 1   | See Pg. 58-59, 62-63 | Capsule Group Lavazza                     |
| 03   | 1   | 2760068              | Boiler Assy.                              |
| 04   | 1   | See Pg. 64           | Tank Inlet Valve Assy.                    |
| 05   | 1   | See Pg. 66-67        | Tank Assy.                                |
| 06   | 1   | 120620               | Valve Inlet Single 1.8L                   |
| 07   | 1   | 1505042              | Inlet Hose With Connect                   |
| 08   | 1   | 1206123              | Non Return Valve Complete                 |
| 09   | 1   | C60100060            | Flow-Meter                                |
| 10   | 1   | See Pg. 65           | Vibration Pump Assy.                      |
| 11   | 1   | 1801103              | T Connector (4-4-4mm)                     |
| 12   | 1   | See Pg. 56-57        | Manifold System                           |
| 13   | 1   | See Pg. 70-71        | Steam Wand Assy.                          |
| 14   | 1   | See Pg. 68-69        | Water Tap Assy.                           |
| 15   | 1   | See Pg. 54-55        | Cappuccino Set                            |
| 16   | 1   | C30600009            | Automatic Elbow Racor G1/8F-Tube4         |
| 17   | 2   | C30600016            | Automatic Straight Racorg1/4F-Tube6       |
| 18   | -   | 1505021              | Silicon Hose 10mm (sold in 100cm lengths) |
| 19   | -   | C35021015            | Tube PTFE 4-6 (sold in 100cm lengths)     |
| 20   | -   | C35021000            | Tube Silicon 4-7 (sold in 100cm lengths)  |
| 21   | -   | C35021016            | Teflon Tube 2*4 (sold in 100cm lengths)   |
| 22   | 1   | See Pg. 50-51        | Thermic Assy.                             |
| 23   | 1   | See Pg. 52-53        | Cappuccino Distributor                    |
| 24   | 1   | 1860059              | Y Connector (4-4-4mm)                     |
| 25   | 1   | 1660107              | Peristaltic Pump                          |

## Boiler

Drawing



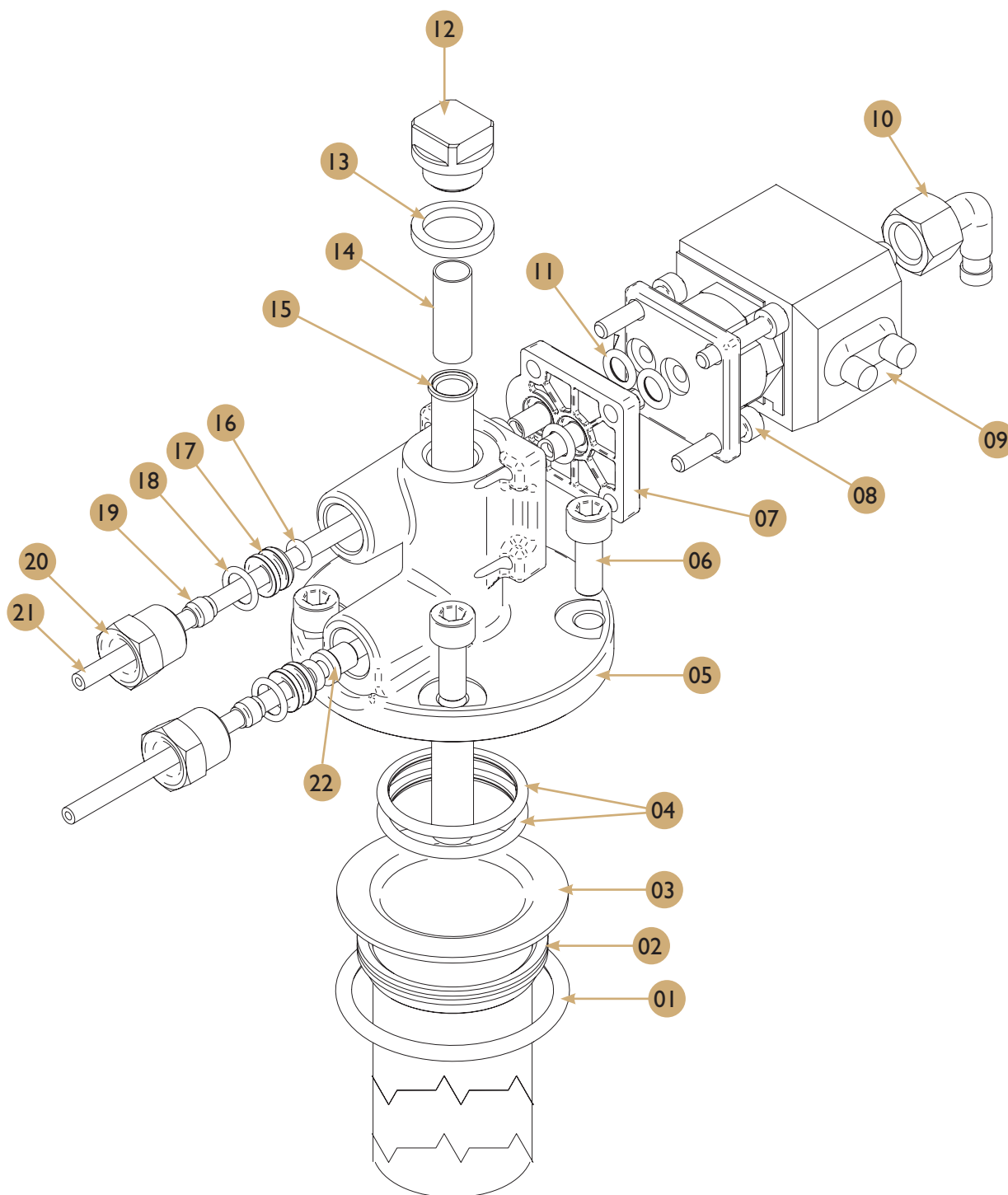
## Boiler

## Spare parts list

| POS. | PCS | Part No.  | Description                      |
|------|-----|-----------|----------------------------------|
| 01   | 1   | 1860019   | Straight Tube Connector G1/4 - 6 |
| 02   | 1   | 30600013  | Automatic Elbow Racor G1/4 M     |
| 03   | 1   | 25093320  | Hexagonal Head Screw 8*20        |
| 04   | 1   | 1660101   | Element 2000W 240V               |
| 05   | 5   | 25012530  | Flat Washer M-8 Din-125          |
| 06   | 1   | 50010030  | 40*52*2 Element Teflon Gasket    |
| 07   | 1   | 1362003   | Boiler Tank                      |
| 08   | 1   | 25093350  | Hexagonal Head Screw 8X16        |
| 09   | 1   | 60100040  | Water Level Probe 1/4            |
| 10   | 1   | 60100040  | Water Level Probe 1/4 Brass      |
| 11   | 1   | C65000200 | Non Suction Valve                |
| 12   | 1   | C50010020 | 13.2*18.2*2.5 1/4 TEFLON GASKET  |
| 13   | 1   | 2760184   | Cappuccino Valve                 |

## Thermic assembly

Drawing



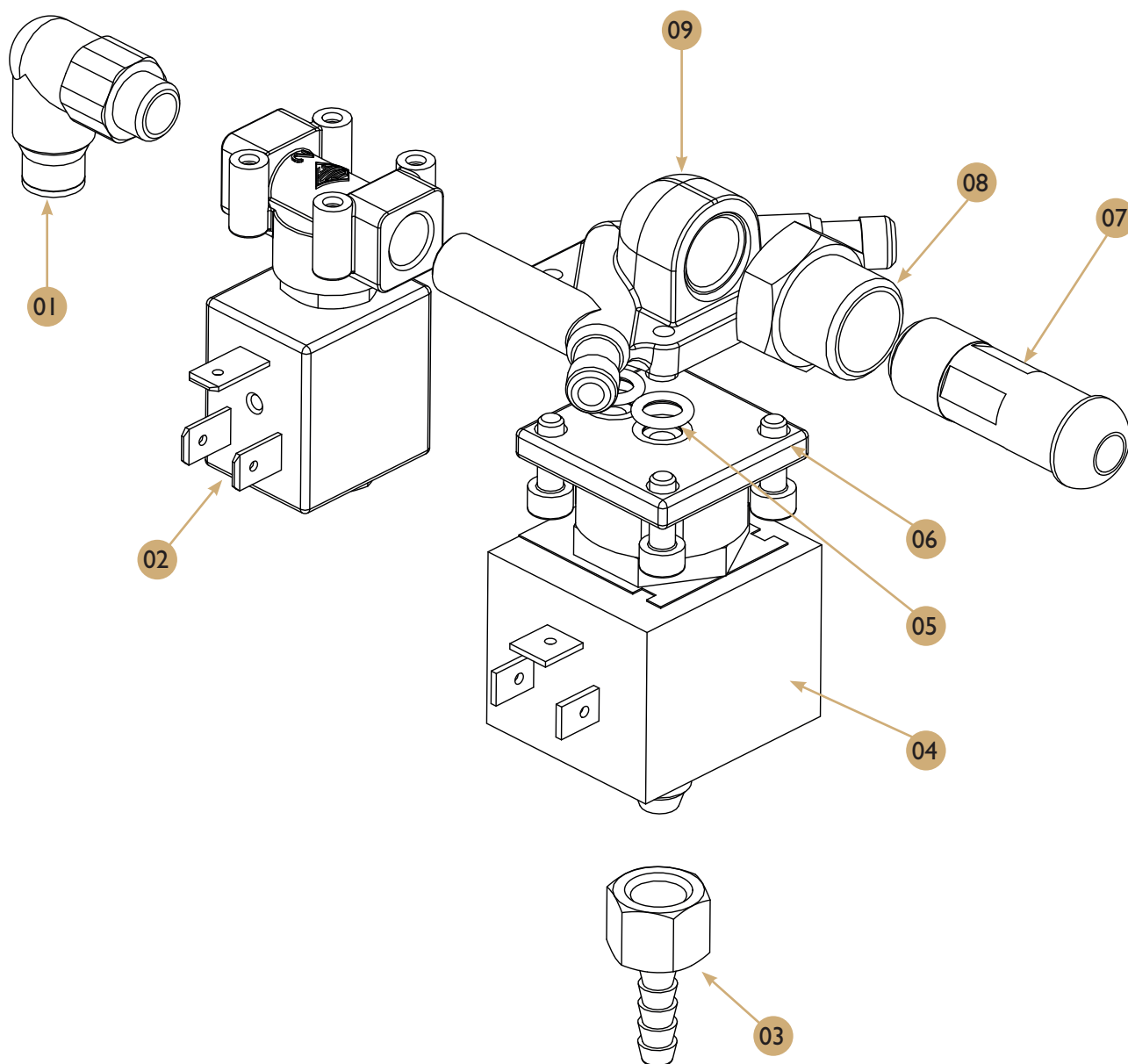
## Thermic assembly

## Spare parts list

| POS. | PCS | Part No.  | Description                     |
|------|-----|-----------|---------------------------------|
| 01   | 1   | 1264230   | O-Ring Dia 44.44*3.5Mm Fkm Fda  |
| 02   | 1   | C30000066 | Boiler Ring Dia35mm             |
| 03   | 1   | C35020001 | Thermic Exchanger Dia35mm       |
| 04   | 2   | 1264231   | O-Ring Dia 28*2.5Mm Fkm Fda     |
| 05   | 1   | C30000090 | Thermic Main Body D 35          |
| 06   | 4   | 25091240  | Allen Screw 6*16 Din 912        |
| 07   | 1   | 1264232   | Isolation Thermic Exchanger     |
| 08   | 1   | 25091212  | Allen Srew 4*20 Din 912         |
| 09   | 1   | 60000112  | Electrov. Group Parker 220V     |
| 10   | 1   | 1860051   | Connector Lgl_8tube Silicon     |
| 11   | 4   | 50000100  | Viton Electrovalve Gasket       |
| 12   | 1   | 1364047   | Plug Thermic Exchanger          |
| 13   | 1   | 50010020  | 13.2*18.2*2.5 1/4 Teflon Gasket |
| 14   | 1   | 70000009  | Tubular Group Filter            |
| 15   | 1   | 35010020  | Copper Tube Diam 6*8*126        |
| 16   | 2   | 1264251   | O-Ring Dia 3.68X1.75mm          |
| 17   | 2   | 1860050   | Thermic Oring Holder            |
| 18   | 2   | 1264252   | O-Ring Dia 7.5X1.5mm            |
| 19   | 2   | 1860046   | Pressure Fitting Tube 4 Conic   |
| 20   | 2   | 1860045   | Connector G1/4 M Press Conic    |
| 21   | 2   | 35021016  | Teflon Tube 2*4                 |
| 22   | 1   | 1264316   | Bushing Gasket Teflon           |

## Cappuccino distributor

Drawing



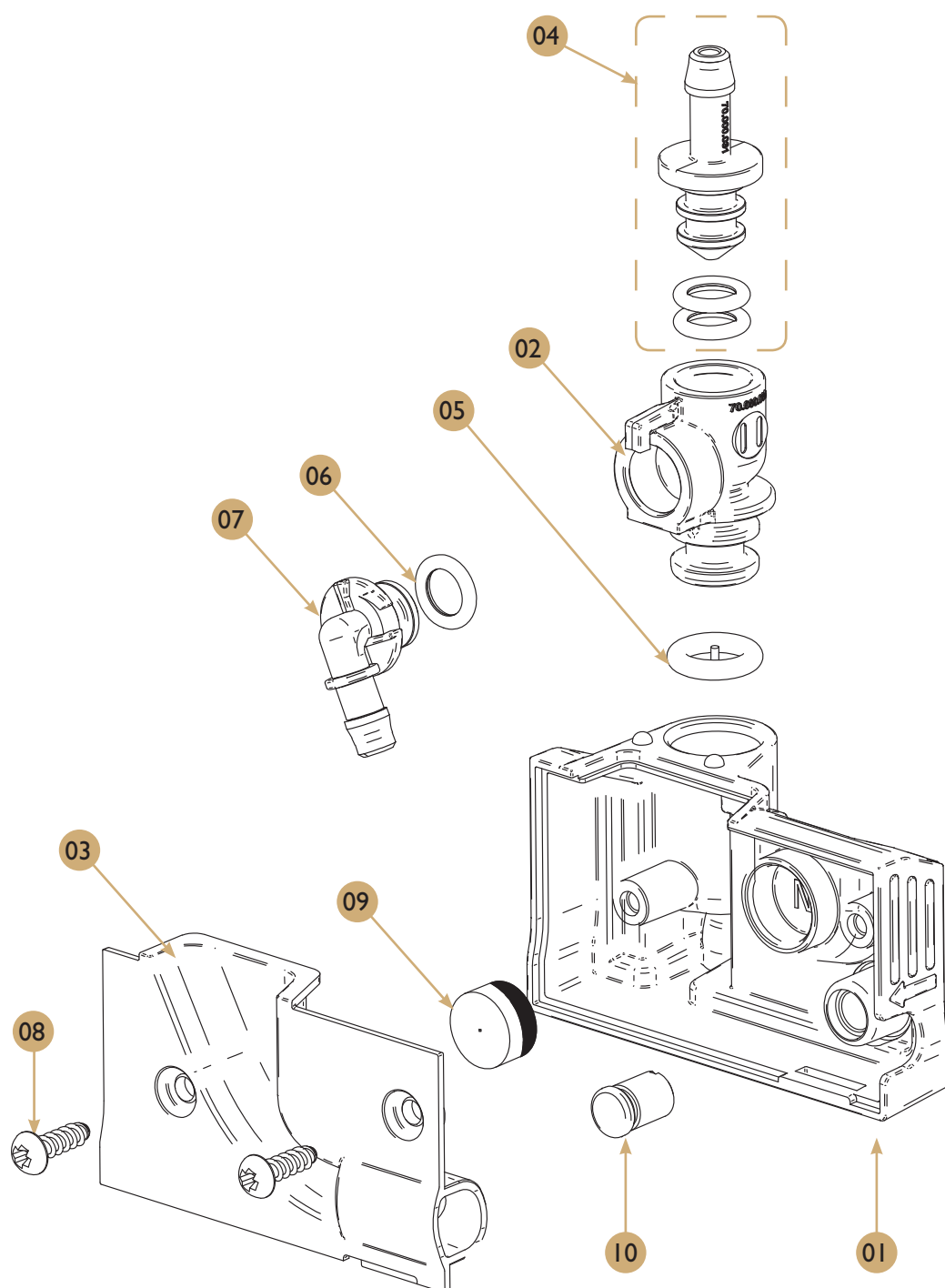
## Cappuccino distributor

## Spare parts list

| POS. | PCS | Part No. | Description                        |
|------|-----|----------|------------------------------------|
| 01   | 1   | 1860067  | Pump Tube 6, Male Bend             |
| 02   | 1   | 1660099  | Solenoid Valve 2 Way 230V Plastic  |
| 03   | 1   | 30700000 | Pin 1/8 Tube 6                     |
| 04   | 1   | 1660129  | Electrov. Group Parker 220V        |
| 05   | 2   | 50000100 | Viton Electrovalve Gasket          |
| 06   | 4   | 25091210 | Allen Screw 4X12 Din 912           |
| 07   | 1   | 1364059  | Solenoid Cappuccino Holder         |
| 08   | 1   | 1860052  | Connector G3_8 Solenoid Cappuccino |
| 09   | 1   | 1860055  | Connector Base 4 Way               |

## Cappuccino set

Drawing



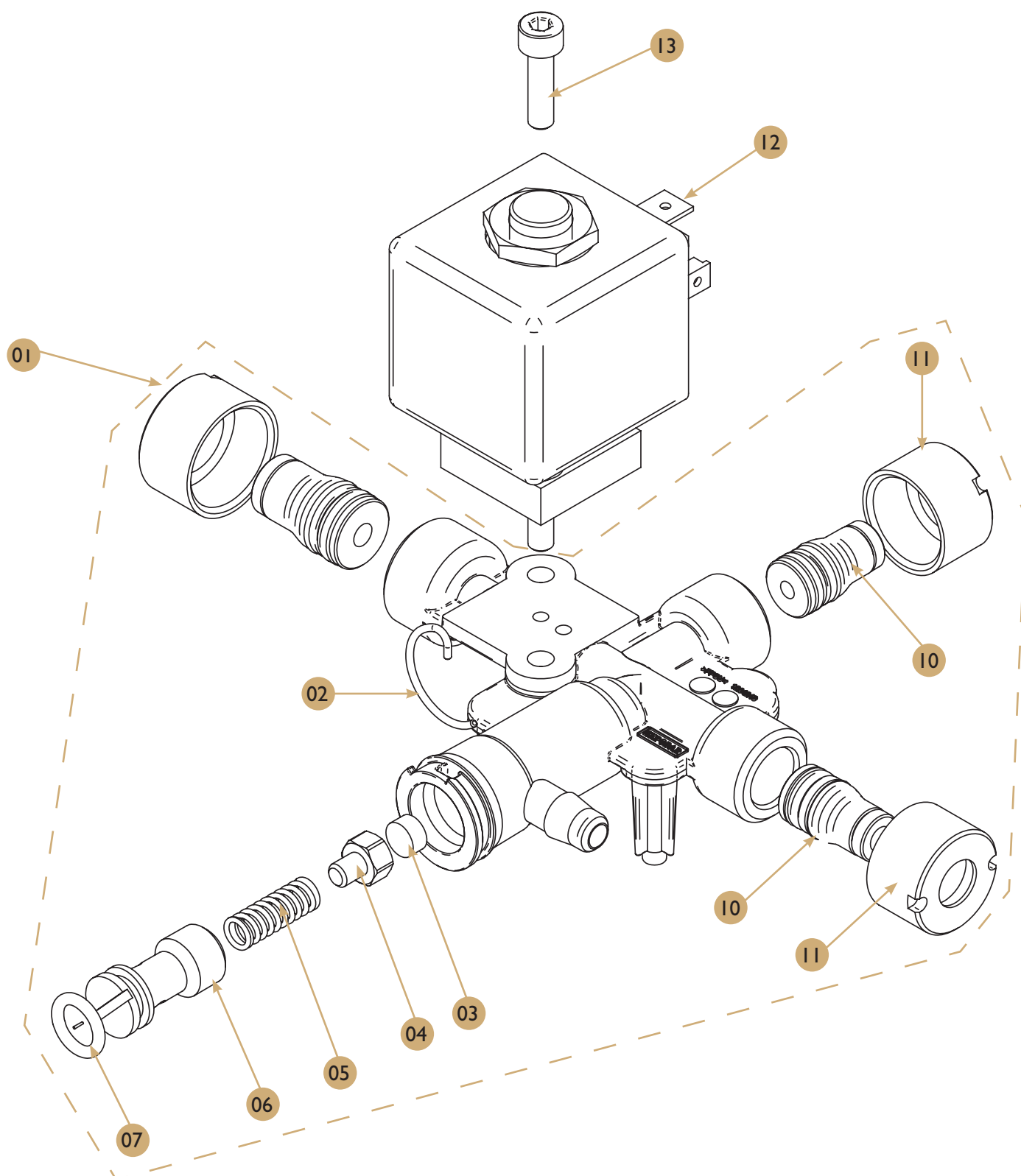
## Cappuccino set

## Spare parts list

| POS. | PCS | Part No. | Description                      |
|------|-----|----------|----------------------------------|
| 01   | 1   | 70000034 | Front Cappuccino Set             |
| 02   | 2   | 70000033 | Body Cappuccino Set              |
| 03   | 1   | 70000035 | Lid Cappuccino Set               |
| 04   | 1   | 70000031 | Inlet Air & Steam Cappuccino Set |
| 05   | 1   | 50000117 | Gasket D7x2.5 Vmq-70             |
| 06   | 3   | 50000100 | Viton Electrovalve Gasket        |
| 07   | 1   | 70000032 | Milk Inlet Cappuccino Set        |
| 08   | 2   | 25200003 | Screw For Plastic 3 X 8          |
| 09   | 1   | 70000061 | Magnet D10x5                     |
| 10   | 1   | 1364082  | Milk Temperature Regulator M6    |

## Manifold system

Drawing



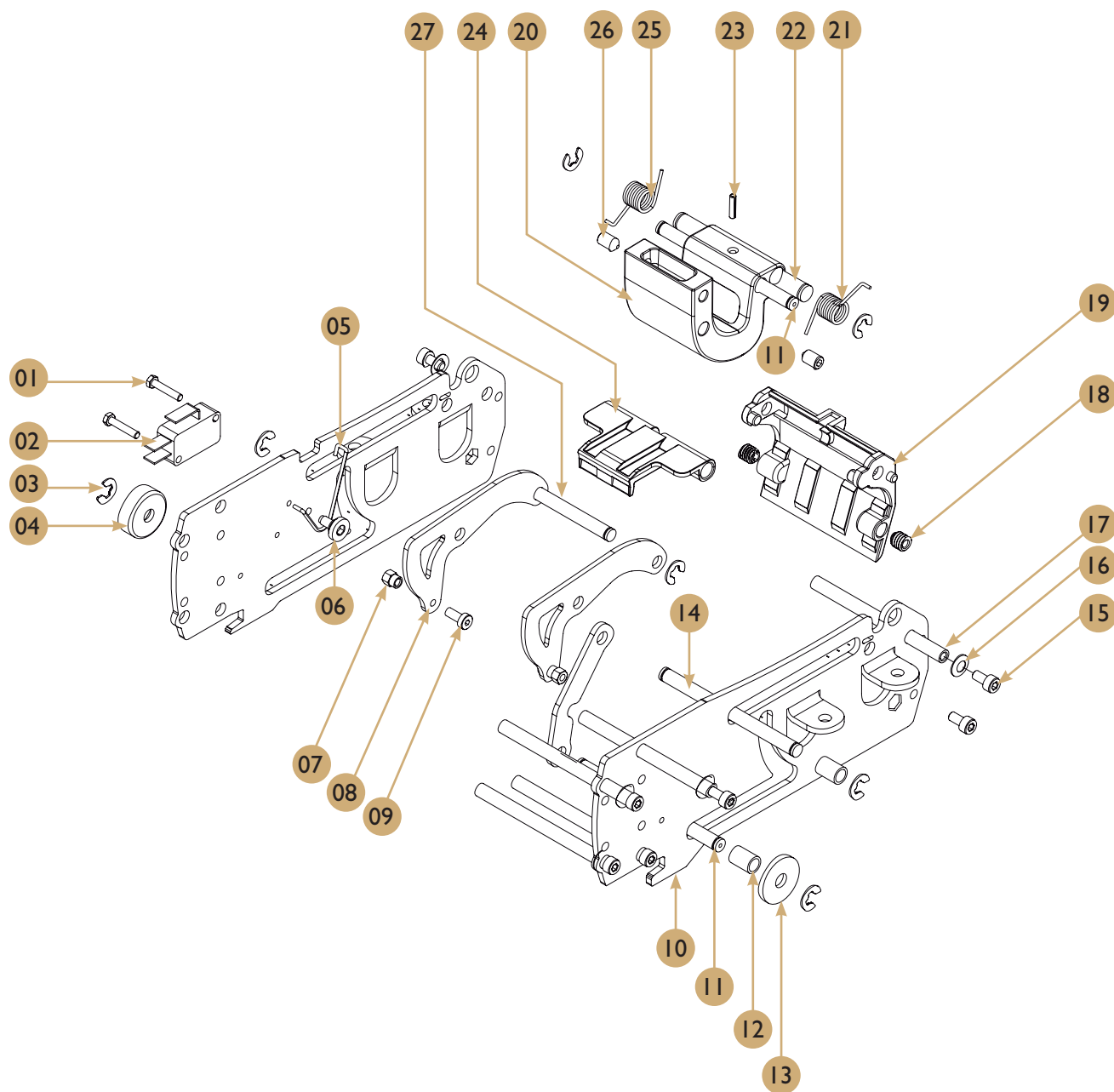
## Manifold system

## Spare parts list

| POS. | PCS | Part No.  | Description                              |
|------|-----|-----------|------------------------------------------|
| 01   | 1   | I264253C  | Distributor Quartz 1 Gr                  |
| 02   | 1   | N/A       | Bypass Closer                            |
| 03   | 1   | N/A       | Flat Sealing Gasket Nbr 60 Sh Fda (D6x3) |
| 04   | 1   | N/A       | Gasket Seat Of Bypass                    |
| 05   | 1   | N/A       | Bypass Spring                            |
| 06   | 1   | N/A       | Setting Screw Of Bypass                  |
| 07   | 1   | N/A       | O-Ring 7.2 X 1.9 Fkm Green               |
| 08   | 1   | N/A       | Catridge Tube 6mm Legris                 |
| 09   | 1   | N/A       | Shell Tube 6mm                           |
| 10   | 2   | N/A       | Catridge Tube 4mm Legris                 |
| 11   | 2   | N/A       | Shell Tube 4mm                           |
| 12   | 1   | 60000105  | Electrov.Base Plate Parker 220V          |
| 13   | 2   | C25091211 | Allen Screw M4x16 DIN 912                |

## Capsule group chassis

Drawing



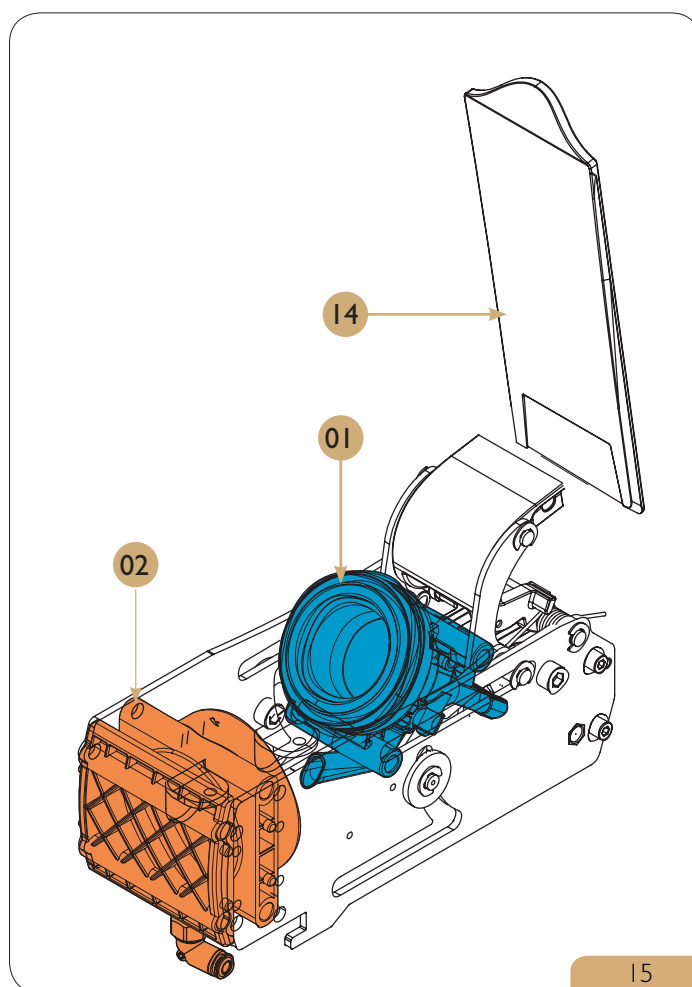
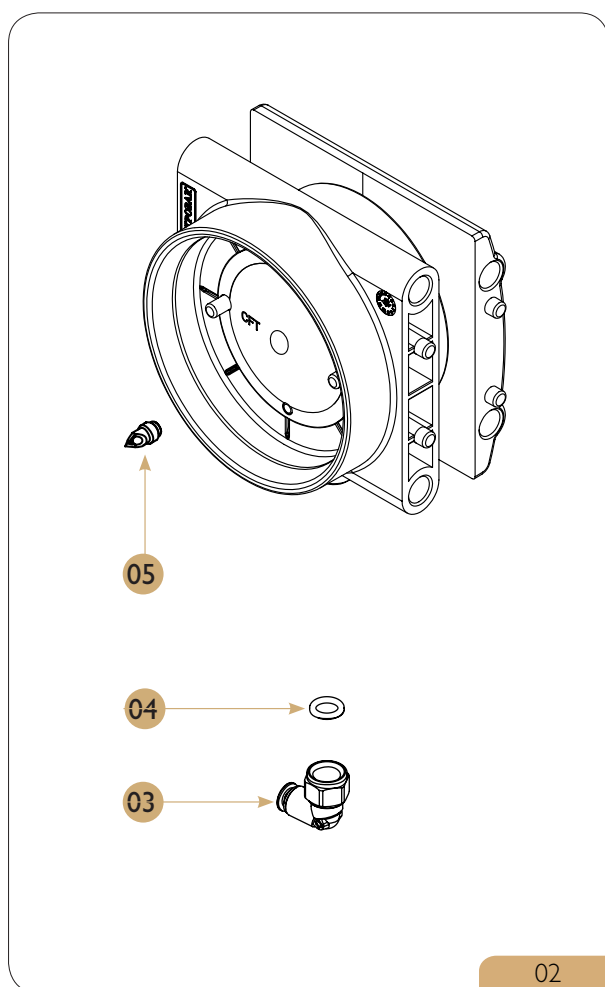
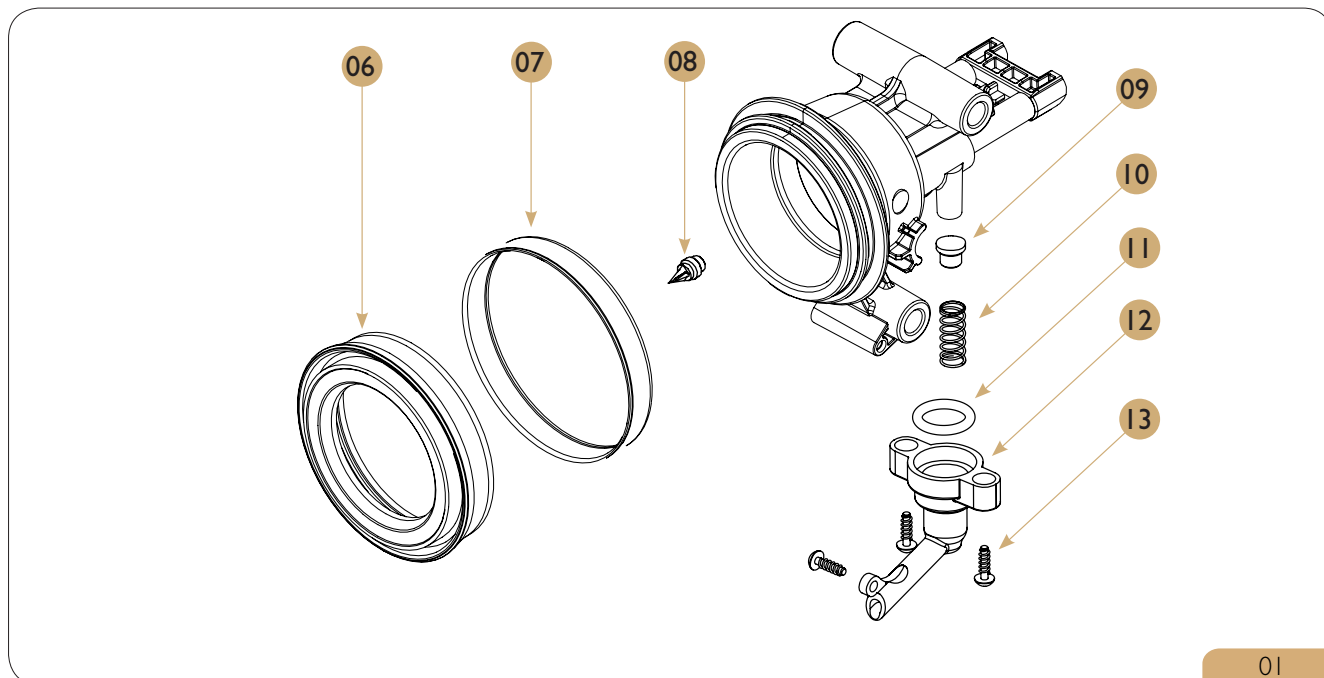
## Capsule group chassis

## Spare parts list

| POS. | PCS | Part No.  | Description                      |
|------|-----|-----------|----------------------------------|
| 01   | 2   | C25093331 | Hexagon Head Screws M3*16        |
| 02   | 1   | C60900031 | Autoexp. Miniswitch 83160 G.     |
| 03   | 8   | C25679906 | Retaining Washers                |
| 04   | 1   | C30210136 | Stop Bushing D22x7               |
| 05   | 1   | 1364078   | Spring Lock Left Capsule Group   |
| 06   | 2   | 1461044   | Step screw M4, SUS430            |
| 07   | 2   | C30210230 | Stop Nut M4                      |
| 08   | 2   | C30210103 | Articulated Arm Of Autoeject     |
| 09   | 2   | C25798440 | Hex Socket Head Cap Screws M4x10 |
| 10   | 1   | C30210091 | Right Panel Capsule Group        |
| 11   | 1   | C30210121 | Slide Axis D6x84                 |
| 12   | 4   | C30210135 | Guide Cap D 8X11 Auto-Eject      |
| 13   | 1   | C25012521 | Stainless Steel Knob Washer      |
| 14   | 2   | C30210120 | Axis D 6*80 Auto-Eject Group     |
| 15   | 12  | C25091200 | Allen Screw 4X8 Din-912          |
| 16   | 10  | C25209952 | Disc Springs 5.2*10*0.4 Din2093  |
| 17   | 5   | C30210110 | Group Pin M4x77                  |
| 18   | 2   | C30210150 | Insert Screw M4x8                |
| 19   | 1   | C30210060 | Group Rear Panel                 |
| 20   | 1   | C30210082 | Group Lever Joint                |
| 21   | 1   | C55020005 | Torsion Spring Right             |
| 22   | 1   | C30210124 | Axis D 8*80 Auto-Eject Group     |
| 23   | 1   | C25148124 | Slotted Spring Pins 2,5X10 - Din |
| 24   | 1   | C30210070 | Group Rear Cam                   |
| 25   | 1   | C55020006 | Torsion Spring Left              |
| 26   | 2   | C25091409 | Allen Screw M6*10 Din914-A2      |
| 27   | 1   | C30210122 | Axis D6x54 Group Hinge           |

## Capsule group Caffitaly

### Drawing



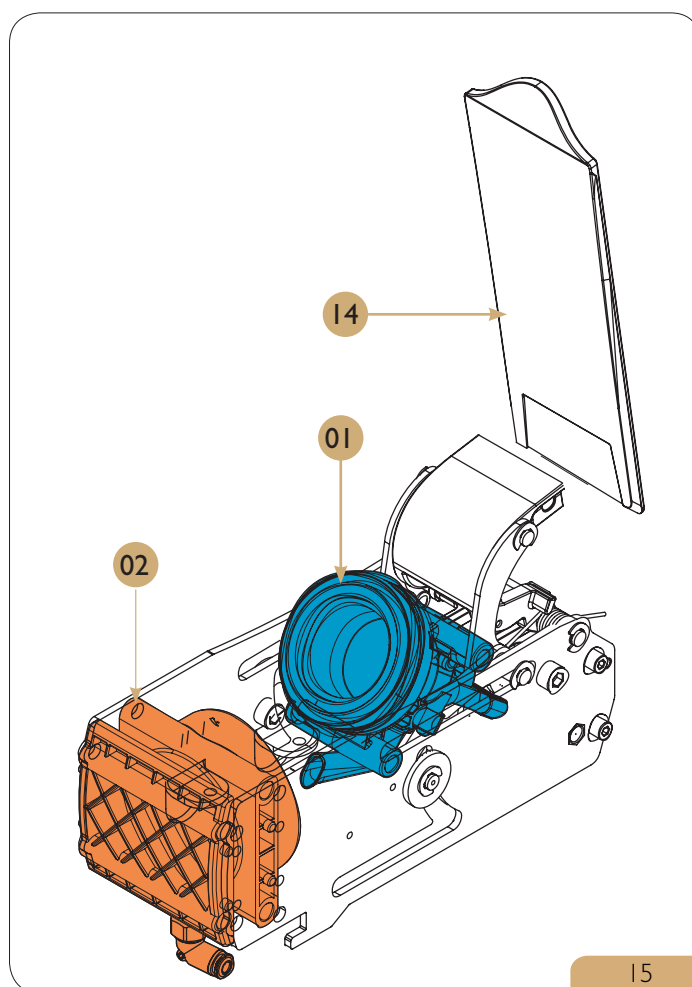
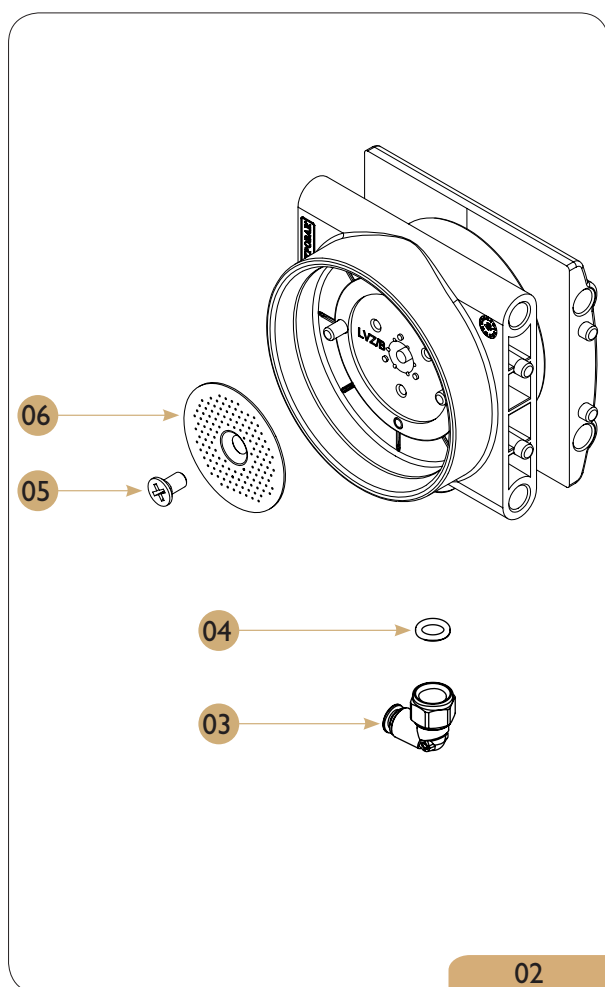
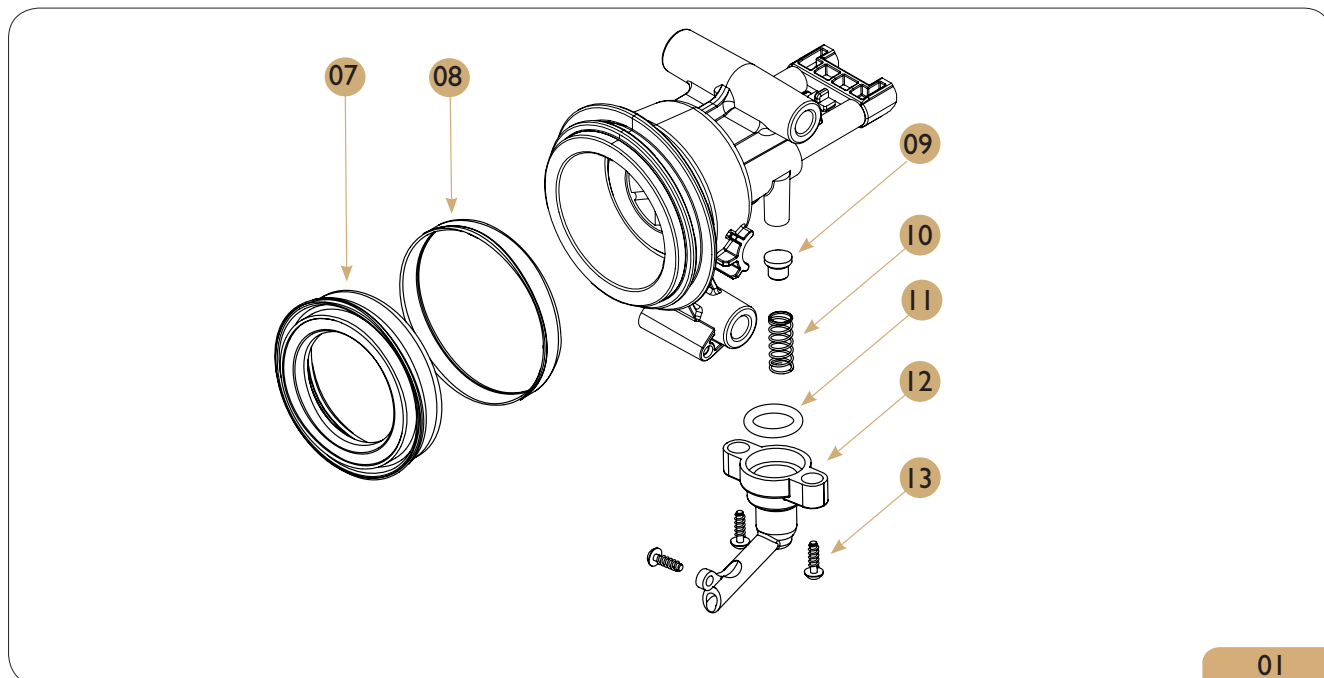
## Capsule group Caffitaly

## Spare parts list

| POS. | PCS | Part No.  | Description                              |
|------|-----|-----------|------------------------------------------|
| 01   | I   | ESC81000  | PORTACAPSULES CFT KIT AUTO-EJECT GROUP   |
| 02   | I   | ESC82000  | CHAMBER CFT KIT AUTO-EJECT GROUP         |
| 03   | I   | 30600009  | AUTOMATIC ELBOW RACOR G1/8F - TUBE 4 FKM |
| 04   | I   | 50000112  | GASKET D7x2 VMQ-70 (RED)                 |
| 05   | I   | 75200059  | INF. NEEDLE AUTOEJECT GROUP              |
| 06   | I   | 50000060  | RETENTION GASKET AUTO-EJECT GROUP CFT    |
| 07   | I   | 30210134  | RETENTION RING AUTO-EJECT                |
| 08   | I   | 75200057  | NEEDLE SUPPORT CAPSULE CFT AUTOEJECT.    |
| 09   | I   | 65000301  | SETA VALVE PTFE EMULSIFYING              |
| 10   | I   | 55000050  | SPRING GASKET MUSHROOM TYPE              |
| 11   | I   | 30370075  | STEAM/WATER PIPE ROD                     |
| 12   | I   | 30210170  | EXIT EMUL GROUP AUTO-EJECT               |
| 13   | 3   | 25200003  | SCREW FOR PLASTIC 3 X 8                  |
| 14   | I   | C30210081 | GROUP LEVER                              |
| 15   | I   | ESC80000  | KIT GROUP AUTO-EJECT CAPSULE CFT         |

## Capsule group Lavazza

### Drawing



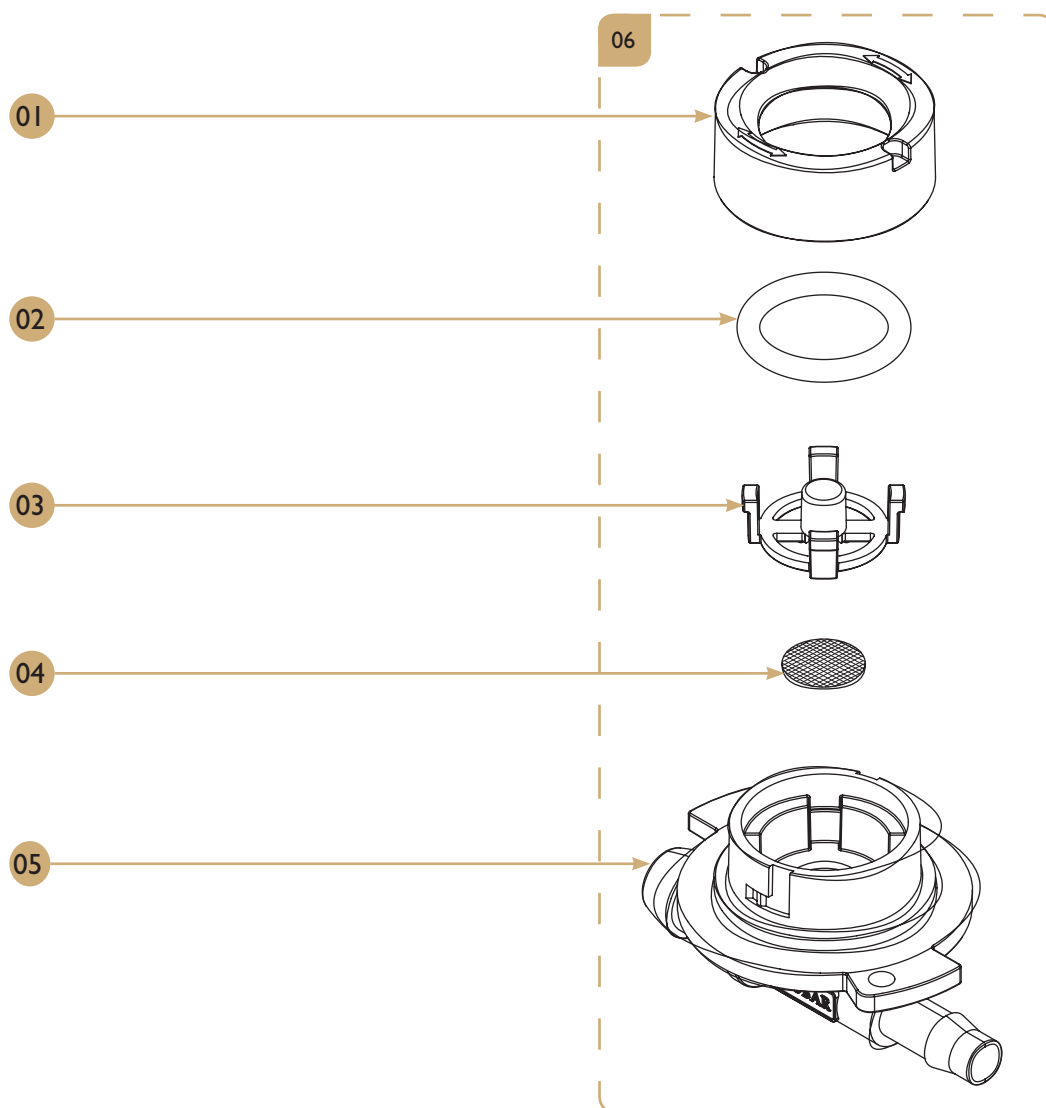
## Capsule group Lavazza

## Spare parts list

| POS. | PCS | Part No.  | Description                              |
|------|-----|-----------|------------------------------------------|
| 01   | I   | ESC81005  | PORTACAPSULES LVZ KIT AUTO-EJECT GROUP   |
| 02   | I   | ESC82005  | CHAMBER LVZ KIT AUTO-EJECT GROUP         |
| 03   | I   | 30600009  | AUTOMATIC ELBOW RACOR G1/8F - TUBE 4 FKM |
| 04   | I   | 50000112  | GASKET D7x2 VMQ-70 (RED)                 |
| 05   | I   | 25096510  | SCREW PHILIPS 4*8 (DIN 965)              |
| 06   | I   | 75000015  | SHOWER POD D-34                          |
| 07   | I   | 50000063  | RETENTION GASKET AUTO-EJECT GROUP LVZ    |
| 08   | I   | 30210134  | RETENTION RING AUTO-EJECT                |
| 09   | I   | 65000301  | SETA VALVE PTFE EMULSIFYING              |
| 10   | I   | 55000050  | SPRING GASKET MUSHROOM TYPE              |
| 11   | I   | 30370075  | STEAM/WATER PIPE ROD                     |
| 12   | I   | 30210170  | EXIT EMUL GROUP AUTO-EJECT               |
| 13   | 3   | 25200003  | SCREW FOR PLASTIC 3 X 8                  |
| 14   | I   | C30210081 | GROUP LEVER                              |
| 15   | I   | ESC80005  | KIT FOR LVZ CAPSULE AUTOEXP.             |

## Tank inlet

## Drawing

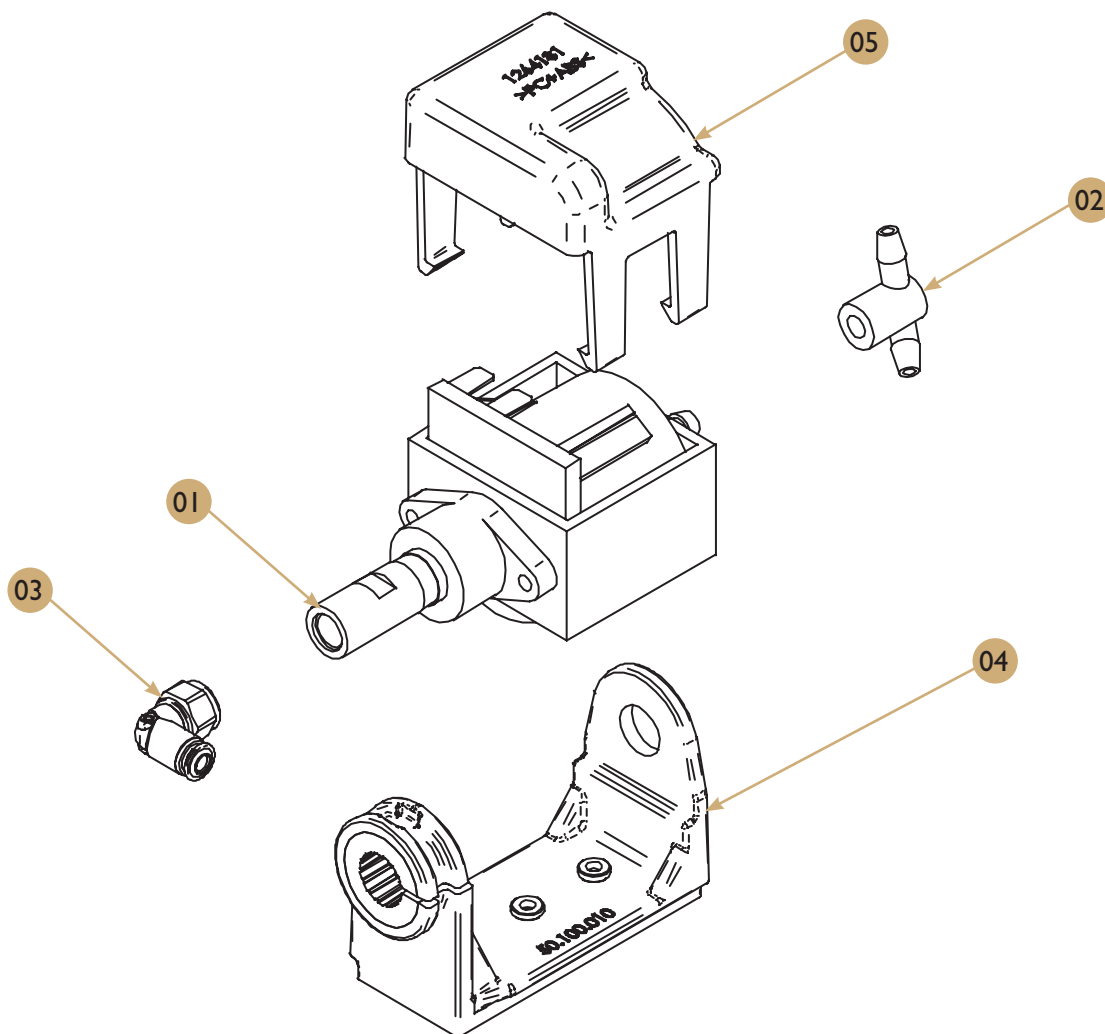


## Spare parts list

| POS. | PCS | Part No.  | Description                        |
|------|-----|-----------|------------------------------------|
| 01   | 1   | C30369202 | Tank Distributor Cover             |
| 02   | 1   | C50000134 | Silicone O-Ring 17X3mm             |
| 03   | 1   | C30369201 | Tank Distributor Button            |
| 04   | 1   | C70000005 | Filter                             |
| 05   | 1   | C30369200 | Tank Distributor Valve             |
| 06   | 1   | C65000220 | Tank Distributor Inlet Valve Assy. |

## Vibration pump

## Drawing

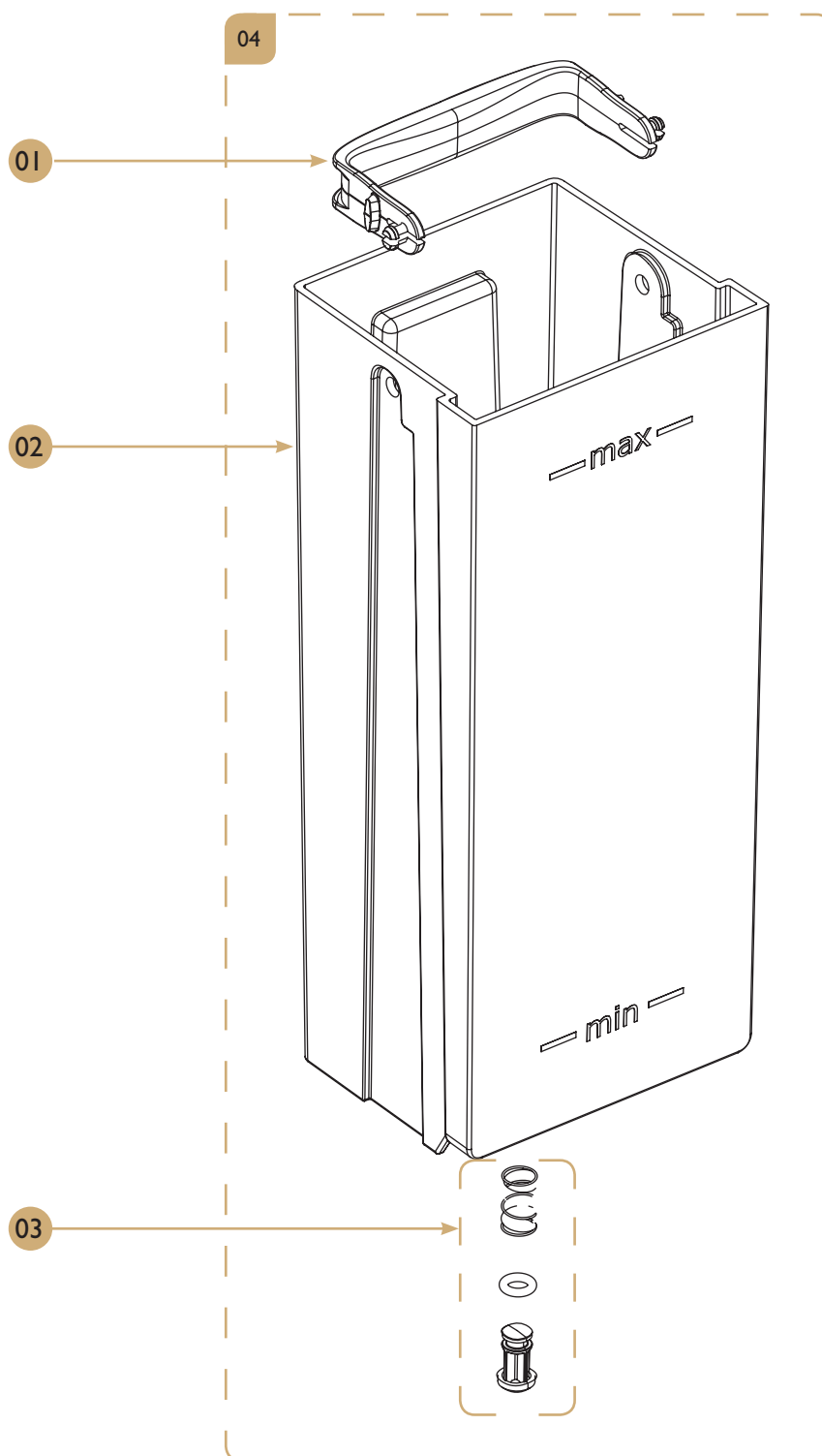


## Spare parts list

| POS. | PCS | Part No.  | Description                         |
|------|-----|-----------|-------------------------------------|
| 01   | 1   | C60000040 | Office pump 220V 50Hz               |
| 02   | 1   | I264340   | Connector T for Vibration Pump      |
| 03   | 1   | I860061   | Connector L male G1/8-Tube 4 Rotate |
| 04   | 1   | C1264324  | Support Rubber Vibration Pump       |
| 05   | 1   | C1264181  | Pump Cover                          |

## Water tank

## Drawing



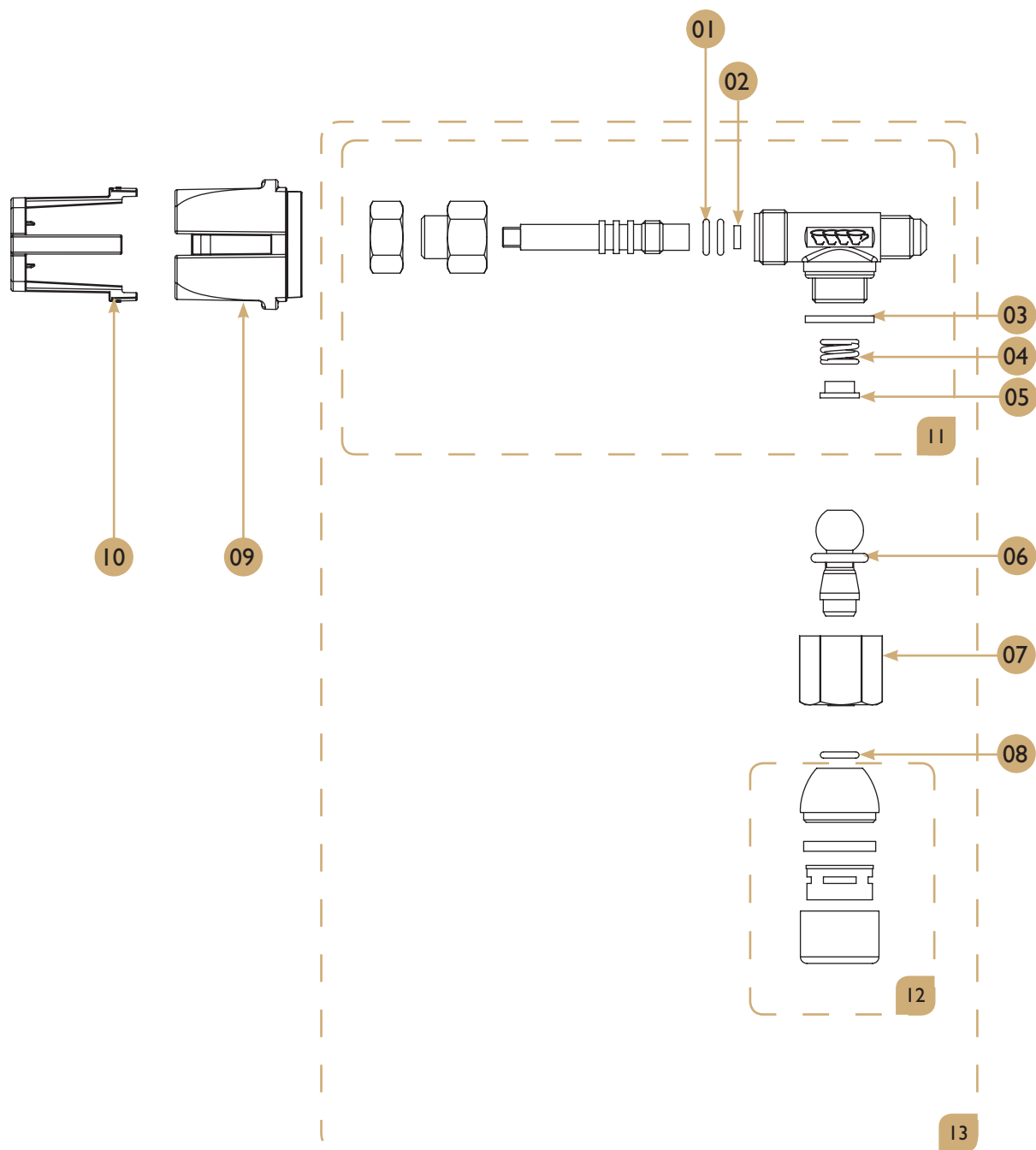
## Water tank

## Spare parts list

| POS. | PCS | Part No. | Description    |
|------|-----|----------|----------------|
| 01   | I   | I0004250 | Tank Handle    |
| 02   | I   | I264355  | Water Tank     |
| 03   | I   | 2760265  | Tank Valve Kit |
| 04   | I   | 2760065  | Tank Assembly  |

## Water tap

Drawing



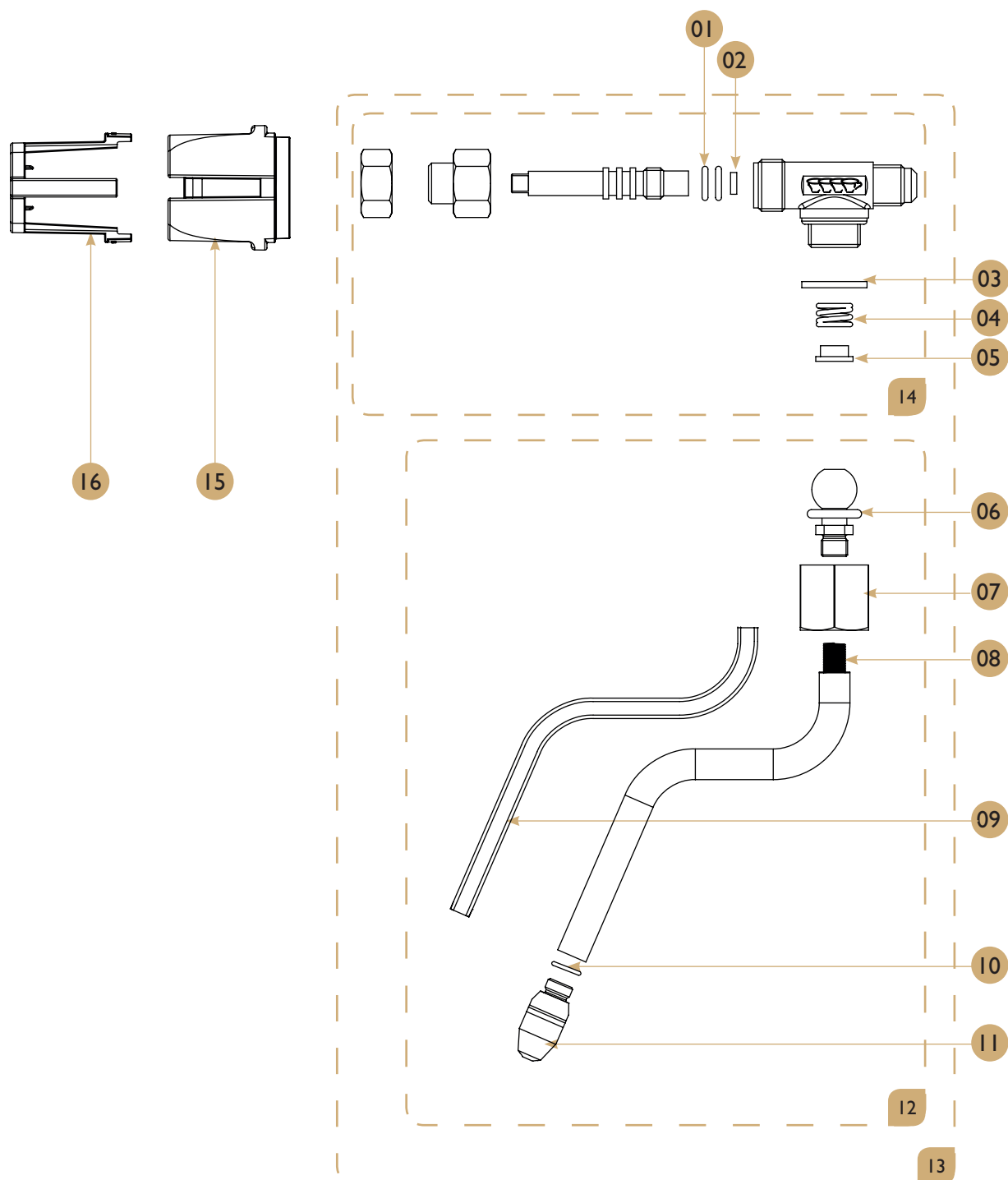
## Water tap

## Spare parts list

| POS. | PCS | Part No.  | Description                   |
|------|-----|-----------|-------------------------------|
| 01   | 2   | N/A       | Tap Shaft Gasket              |
| 02   | 1   | N/A       | Tap Closing Disc              |
| 03   | 1   | N/A       | Tap Steam/Water Gasket Teflon |
| 04   | 1   | N/A       | Spring Steam/Water Tap        |
| 05   | 1   | N/A       | Tap Steam/Water Gasket Brass  |
| 06   | 1   | N/A       | O-Ring 12.1X2.7mm             |
| 07   | 1   | N/A       | Nut 3/8                       |
| 08   | 1   | N/A       | O-Ring 8 X 1.9                |
| 09   | 1   | C40000071 | Steam/Water Tap Knob          |
| 10   | 1   | C30370122 | Monogrammed Knob              |
| 11   | 1   | C15000336 | Tap Body Assy.                |
| 12   | 1   | C30000050 | Nozzle Assy.                  |
| 13   | 1   | C15000331 | Water Tap Assy.               |

## Steam wand

Drawing



## Steam wand

## Spare parts list

| POS. | PCS | Part No.  | Description                          |
|------|-----|-----------|--------------------------------------|
| 01   | 2   | N/A       | Tap Shaft Gasket                     |
| 02   | 1   | N/A       | Tap Closing Disc                     |
| 03   | 1   | N/A       | Tap Steam/Water Gasket Teflon        |
| 04   | 1   | N/A       | Spring Steam/Water Tap               |
| 05   | 1   | N/A       | Tap Steam/Water Gasket Brass         |
| 06   | 1   | N/A       | O-Ring 12.1X2.7mm                    |
| 07   | 1   | N/A       | Nut 3/8                              |
| 08   | 1   | N/A       | Internal Spring (7X146x0,5)          |
| 09   | 1   | N/A       | Tube PTFE 4-6                        |
| 10   | 1   | N/A       | O-Ring 6X1                           |
| 11   | 1   | C30370185 | Steam Tap Nozzle 2H M8.5 With O-ring |
| 12   | 1   | C35010086 | Steam Pipe                           |
| 13   | 1   | C15000339 | Steam Wand Assy.                     |
| 14   | 1   | C15000336 | Tap Body Assy.                       |
| 15   | 1   | C40000071 | Steam/Water Tap Knob                 |
| 16   | 1   | C30370132 | Monogrammed Knob                     |