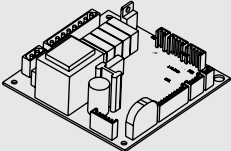
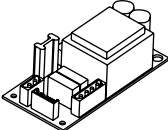
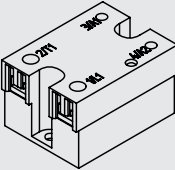
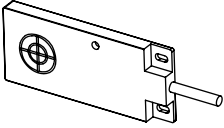
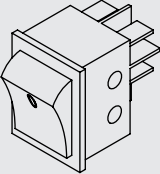


QUARTZ ONE TOUCH

TECHNICAL MANUAL

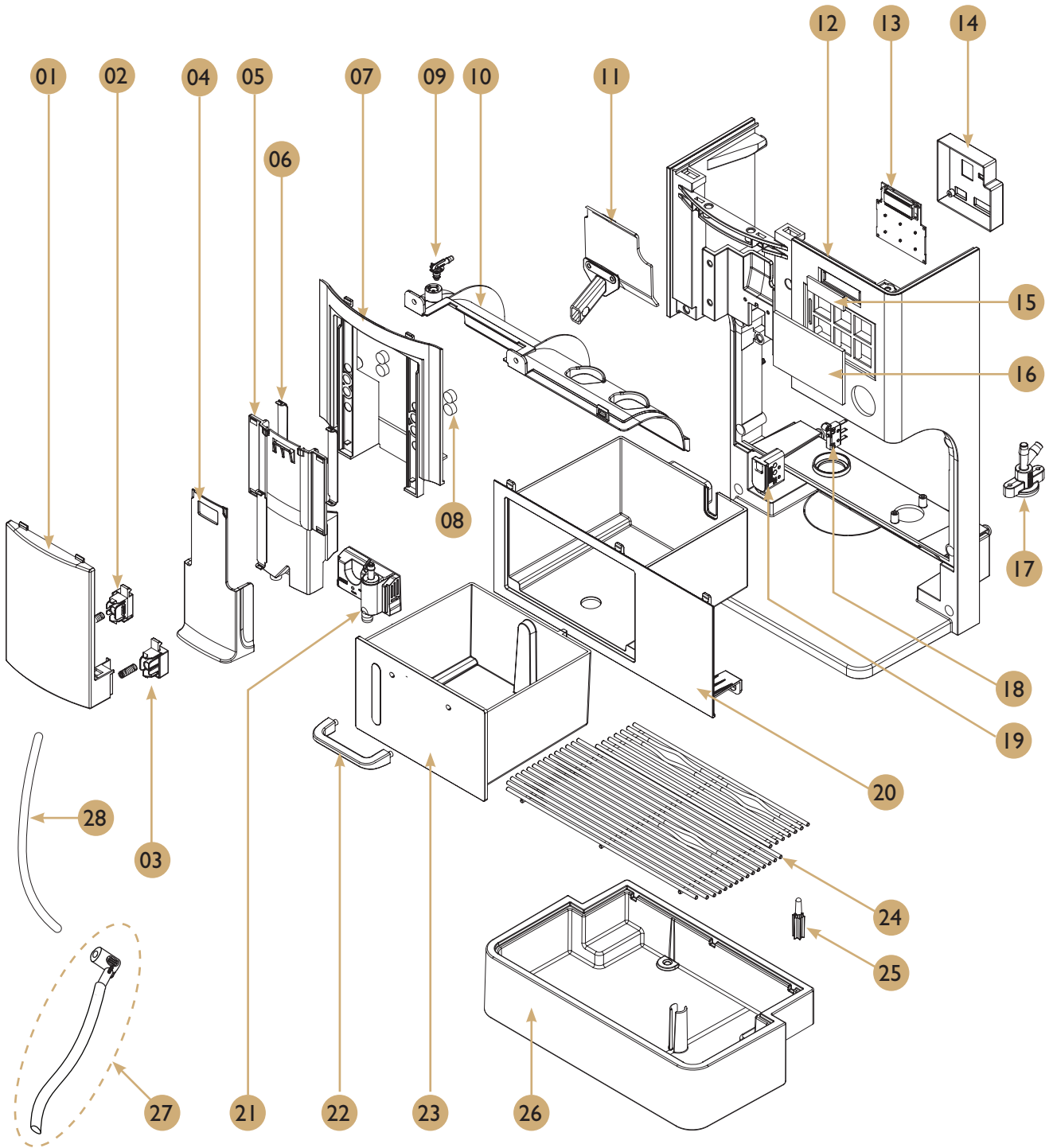


Electrical components

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



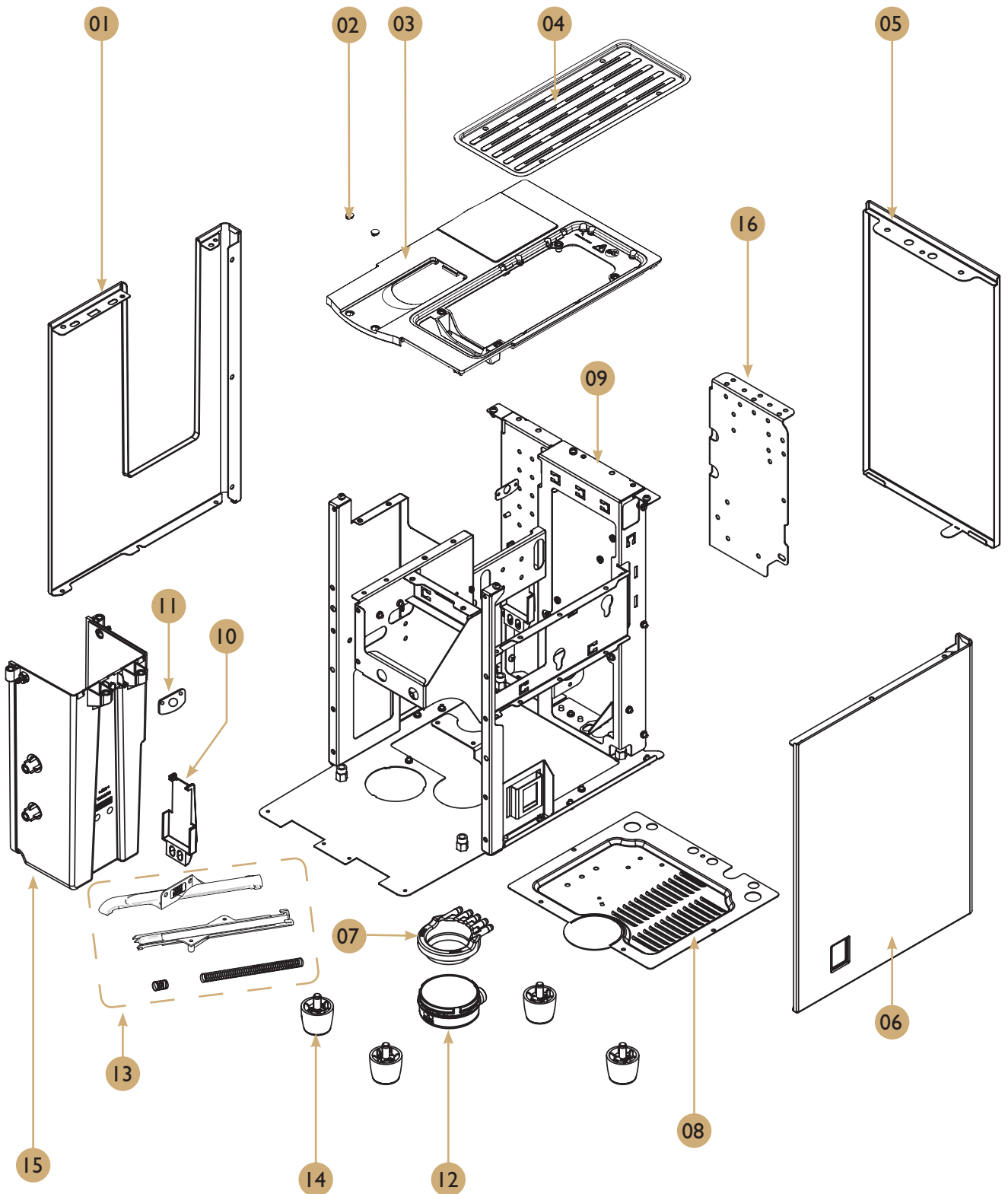
Machine front

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



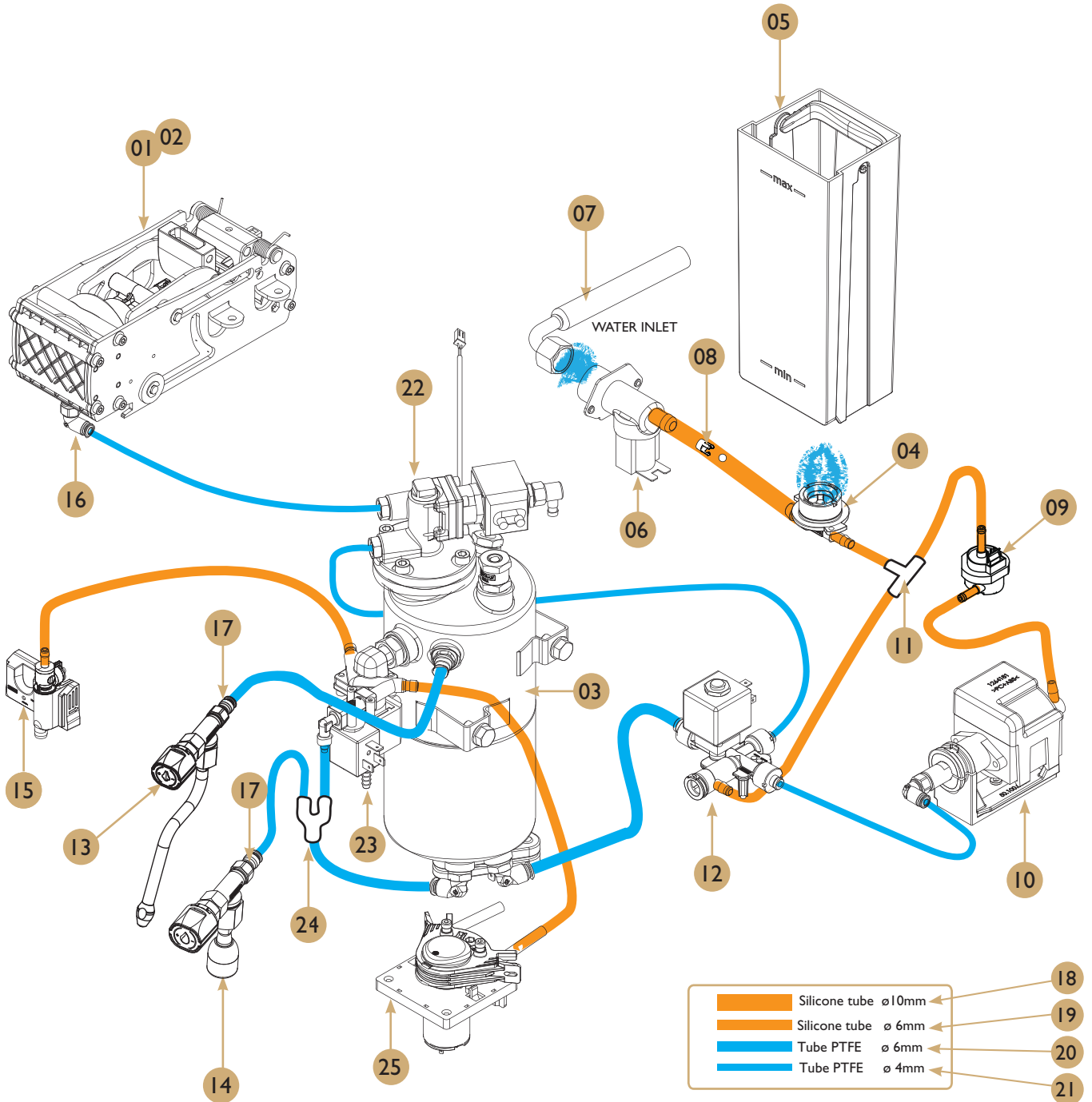
Machine

Spare parts list

POS.	PCS	Part No.	Description
01	1	261656	Side Panel Left
02	2	C50000052	End Gasket d. I I
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



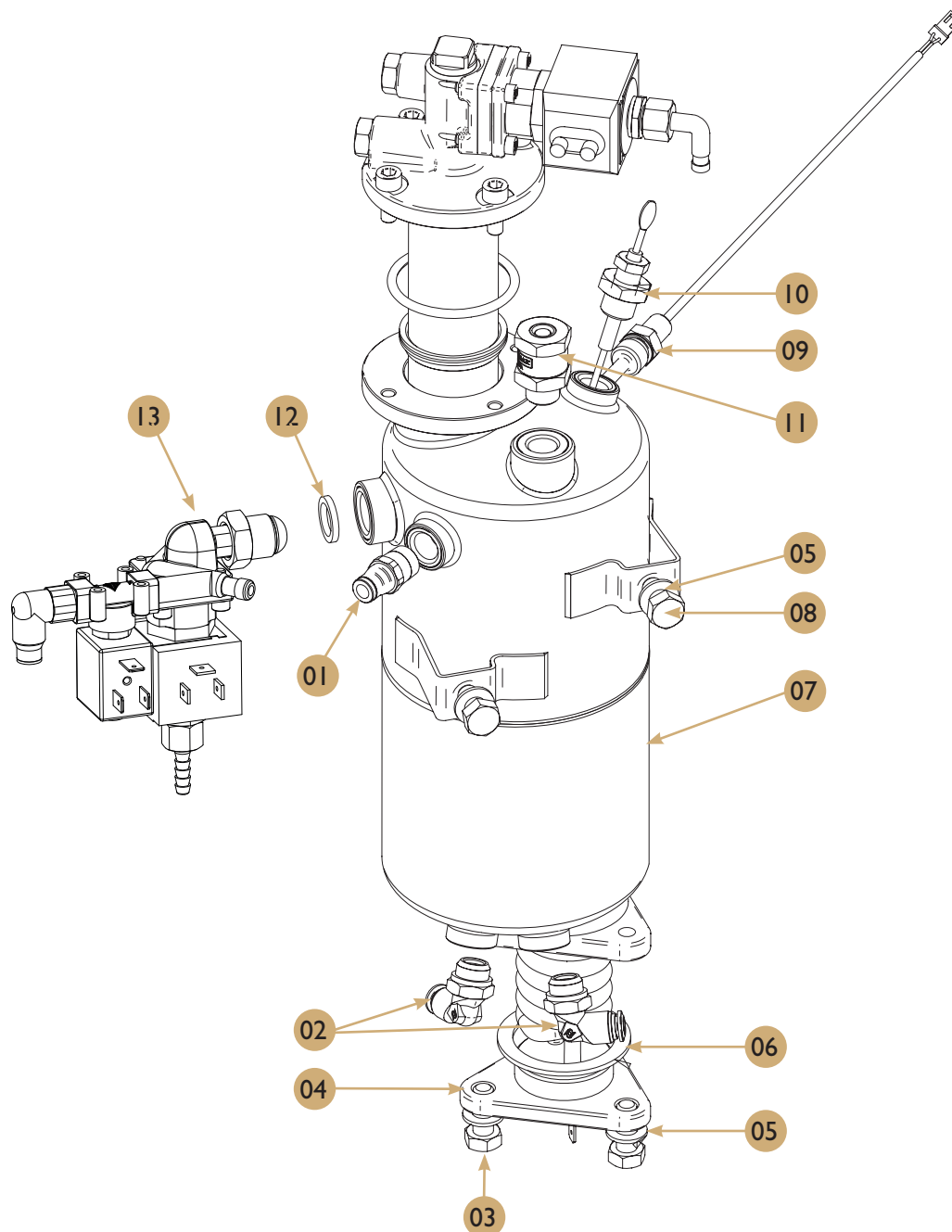
Water schematic

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 GI/8F-Tube4
17	2	C30600016	Automatic Straight RacorgI/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



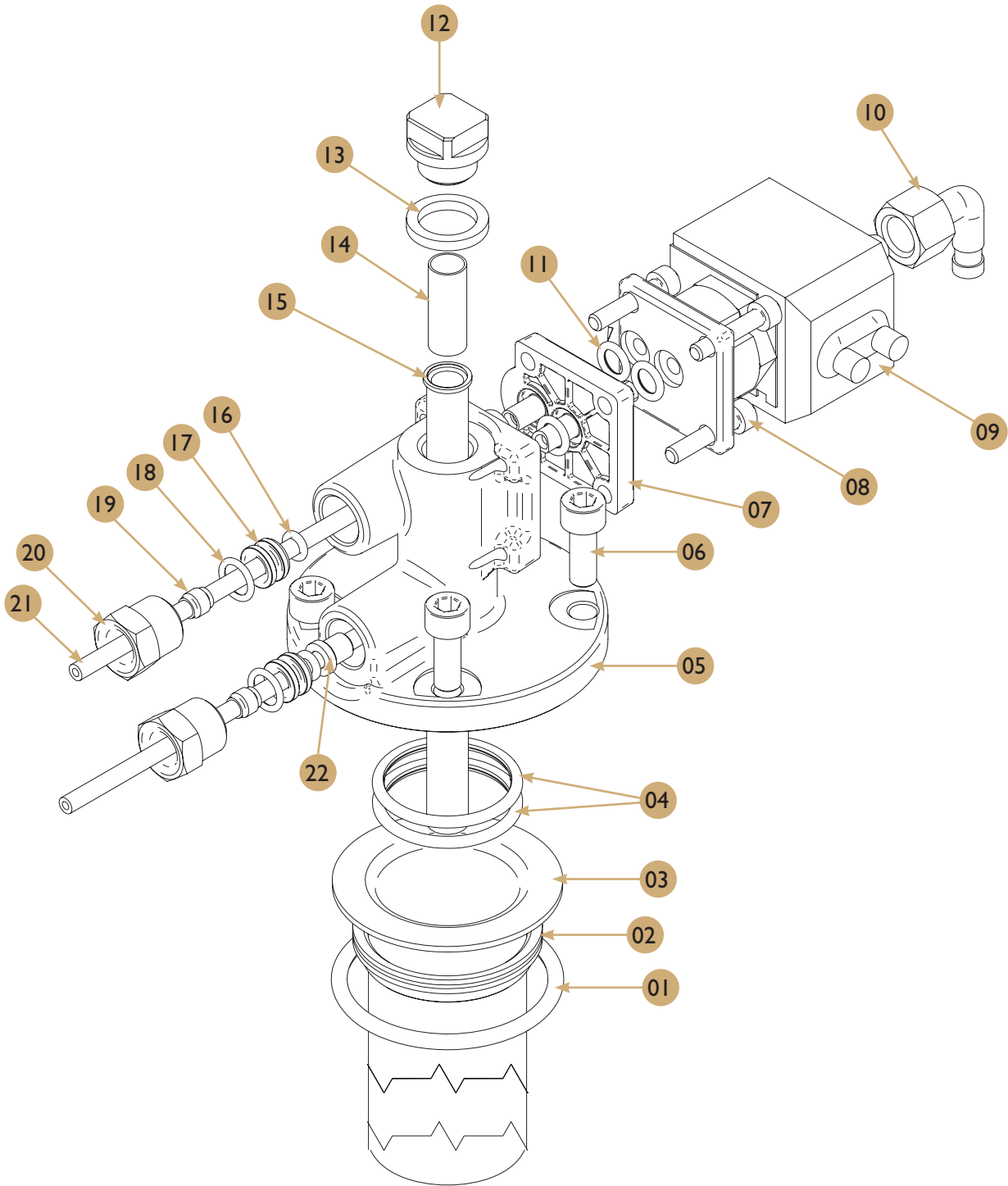
Boiler

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



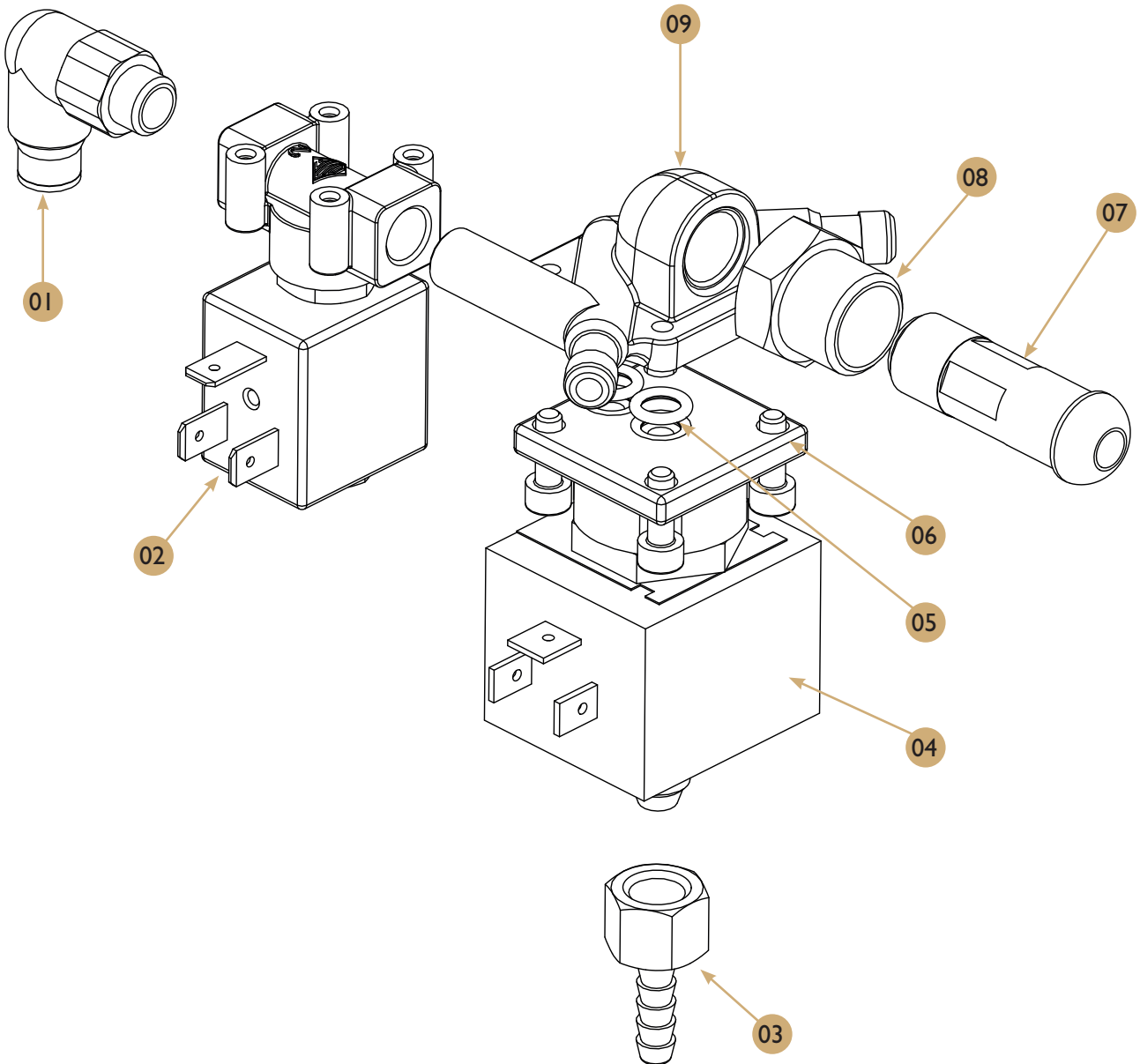
Thermic assembly

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 LgI_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



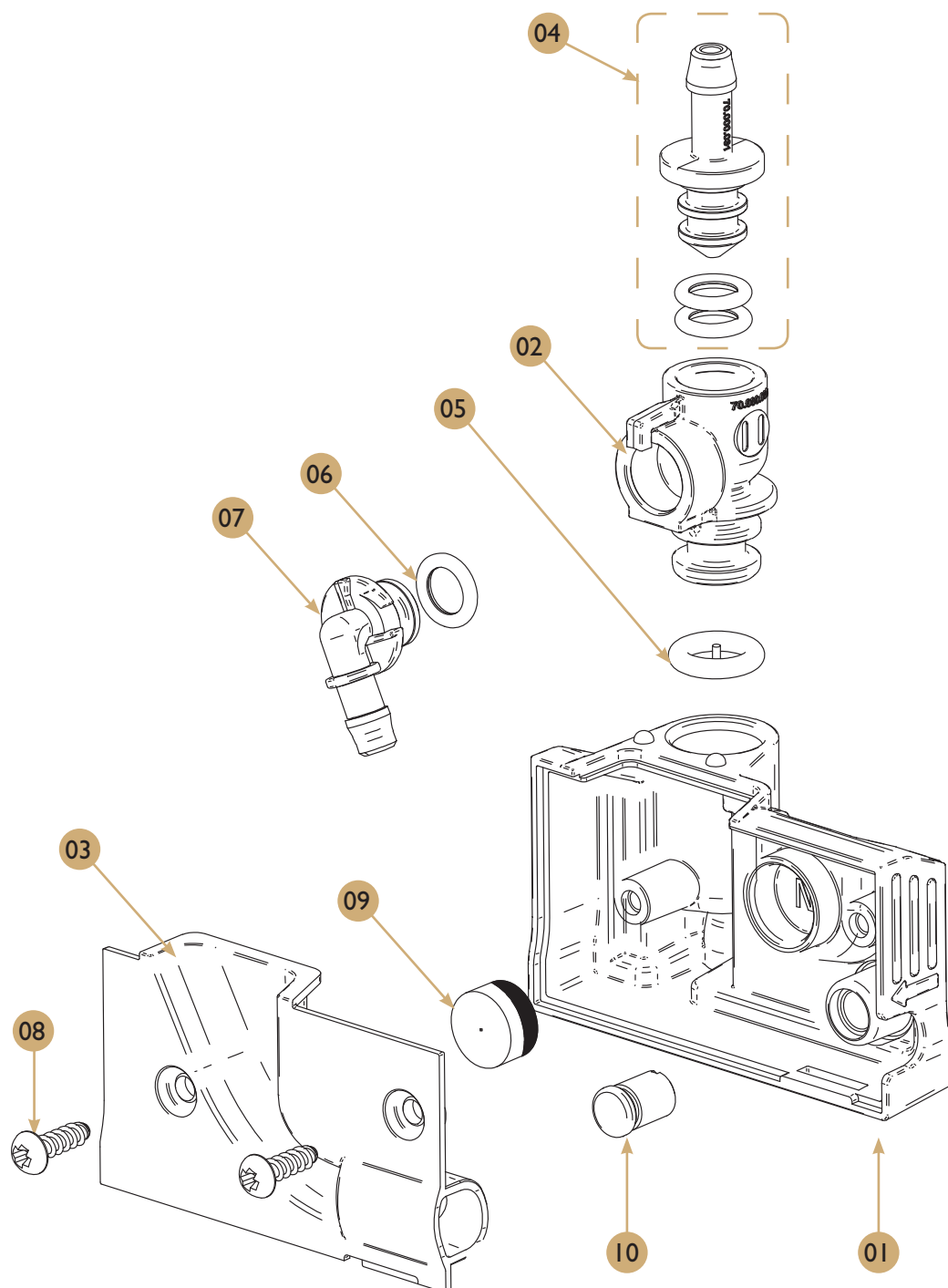
Cappuccino distributor

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



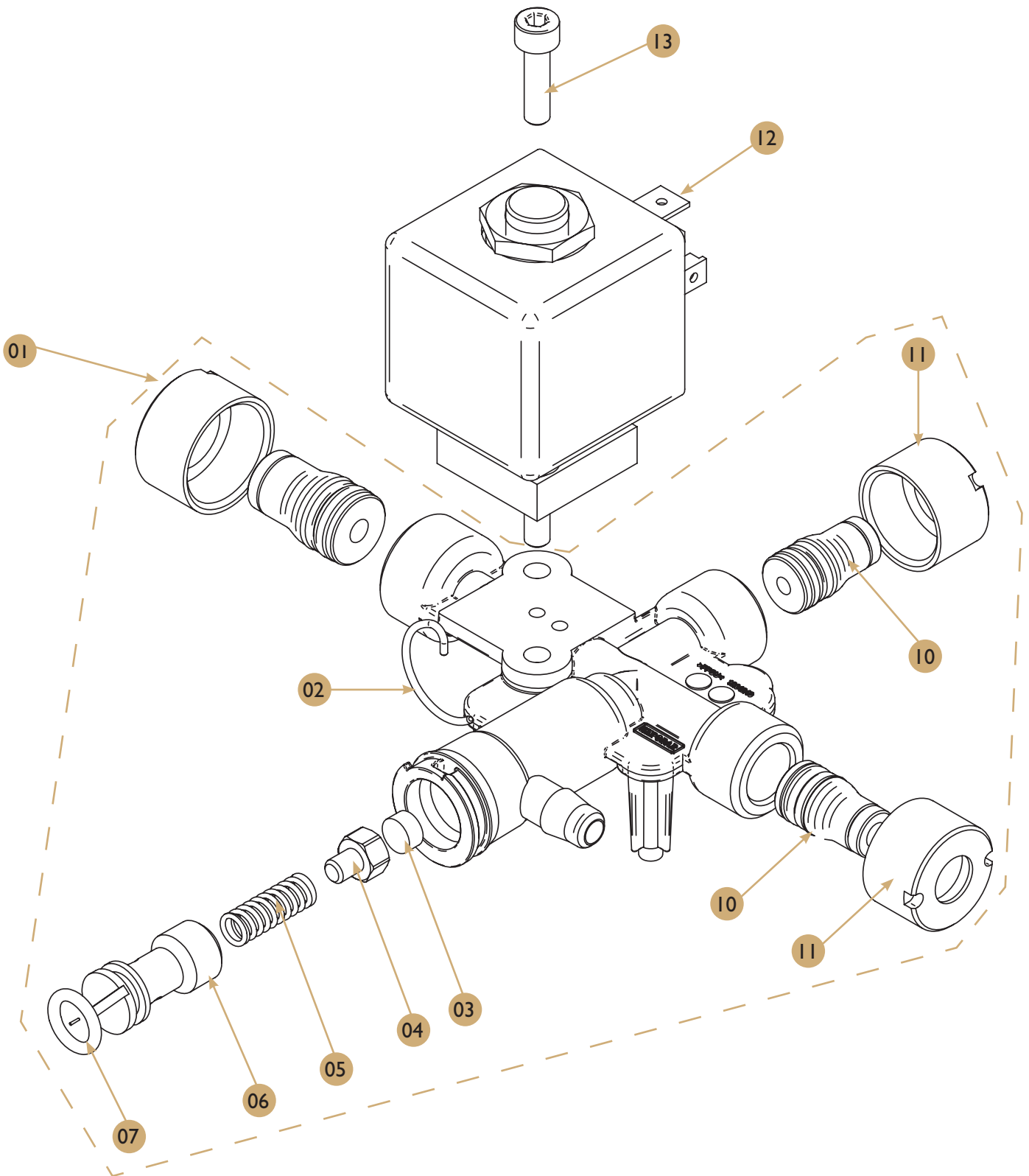
Cappuccino set

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



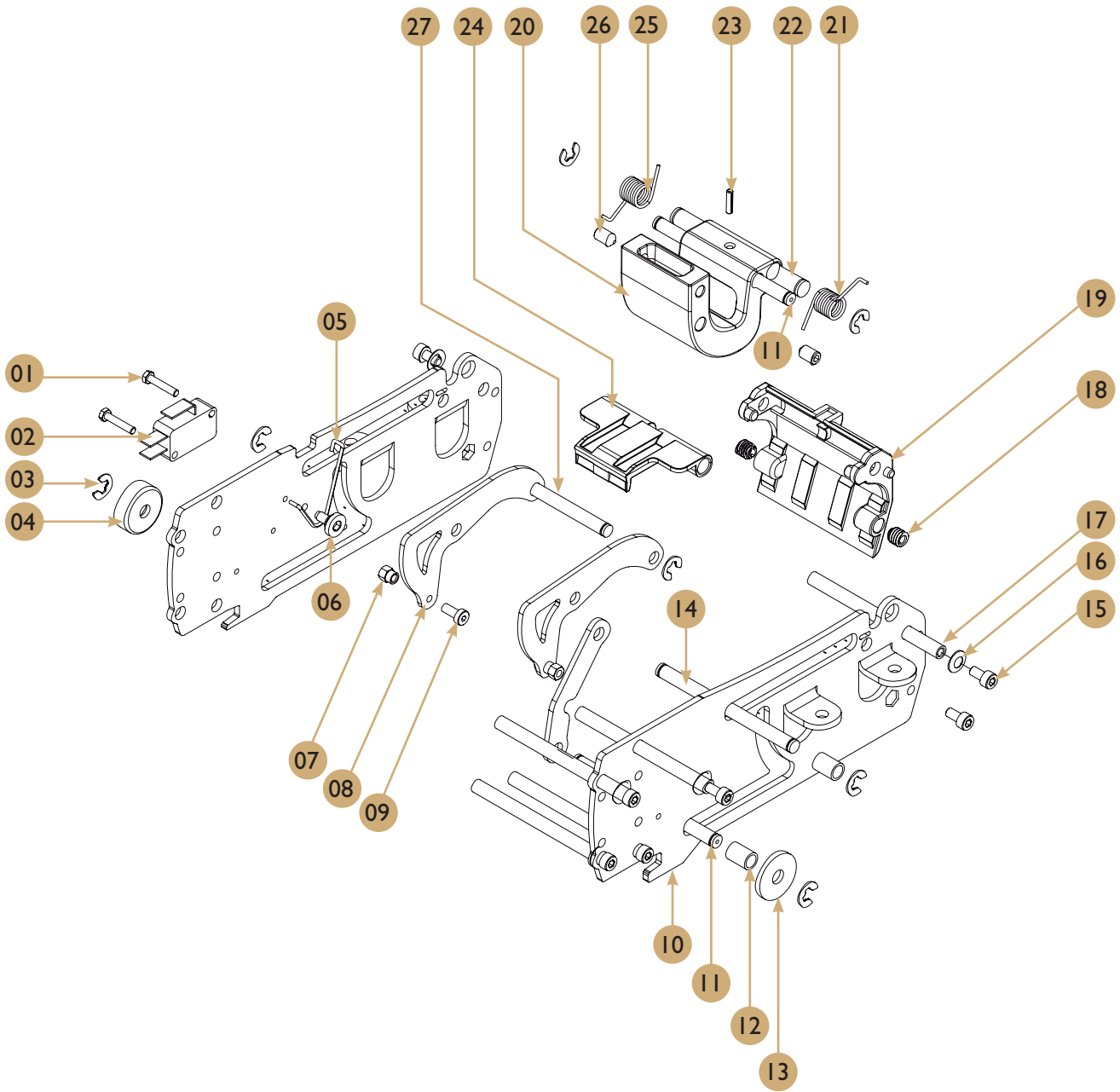
Manifold system

Spare parts list

POS.	PCS	Part No.	Description
01	1	I264253C	Distributor Quartz I 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



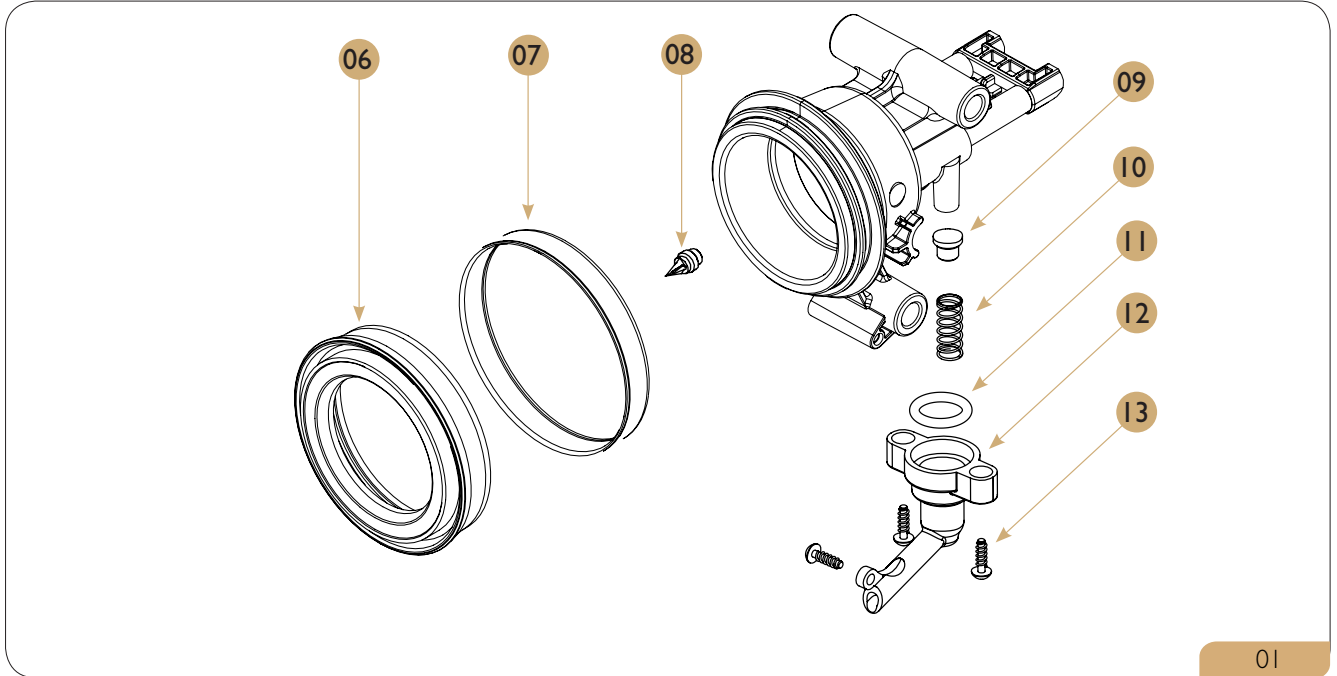
Capsule group chassis

Spare parts list

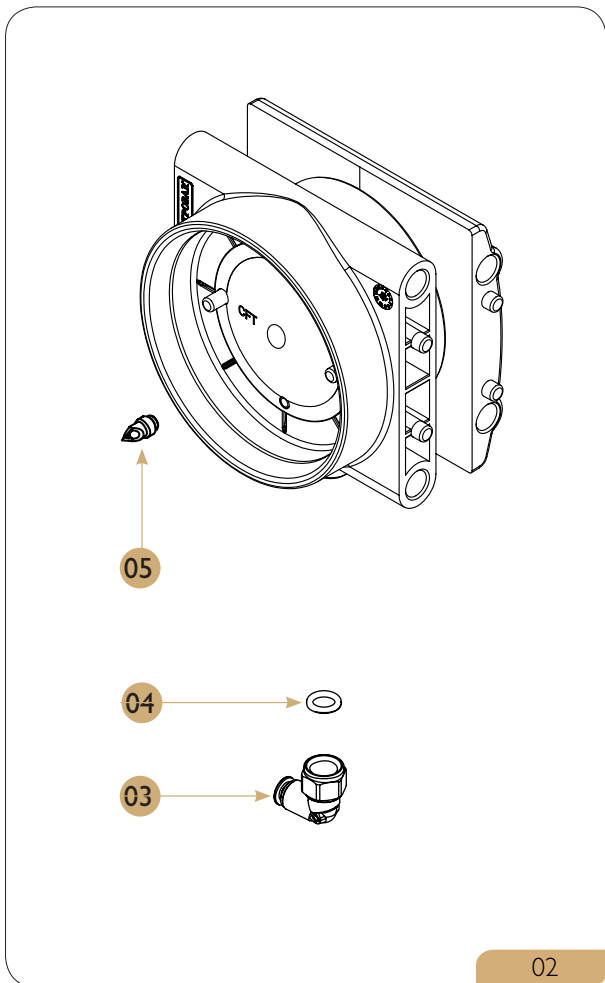
POS.	PCS	Part No.	Description
01	2	C25093331	Hexagon Head Screws M3*16
02	1	C60900031	Autoexp. Miniswitch 83160 G.
03	8	C25679906	Retaining Washers
04	1	C30210136	Stop Bushing D22x7
05	1	1364078	Spring Lock Left Capsule Group
06	2	1461044	Step screw M4, SUS430
07	2	C30210230	Stop Nut M4
08	2	C30210103	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

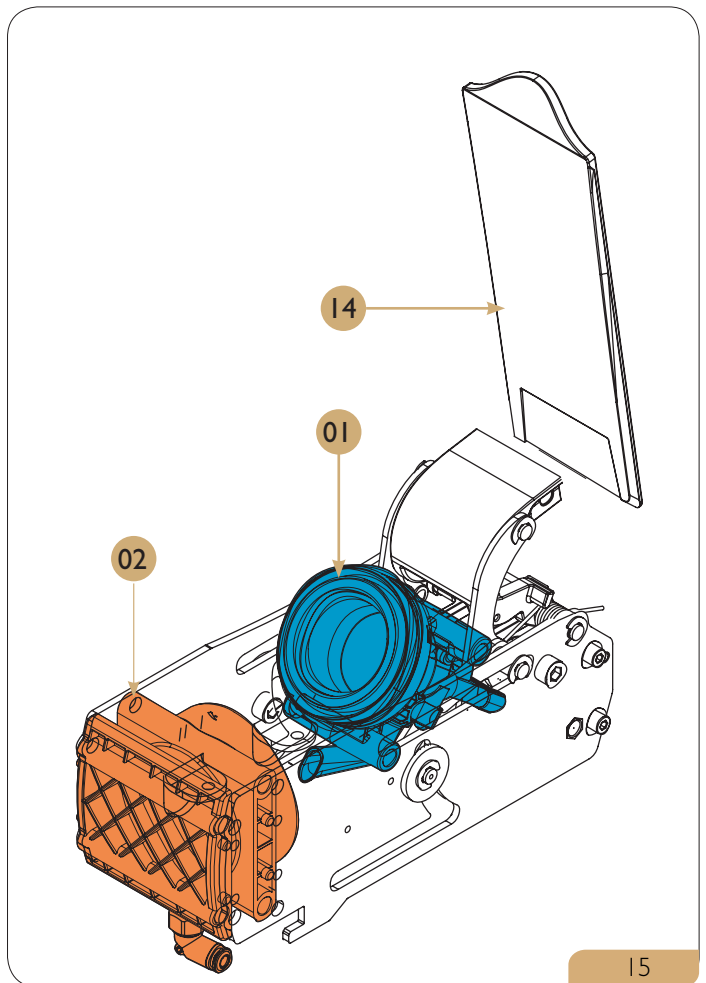
Drawing



01



02



15

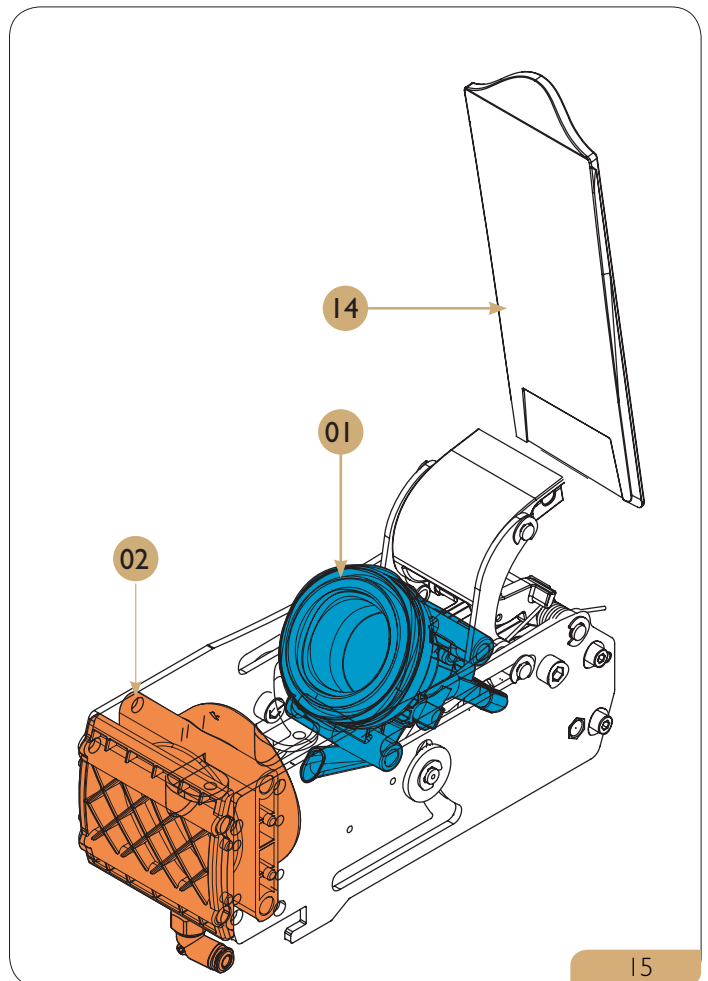
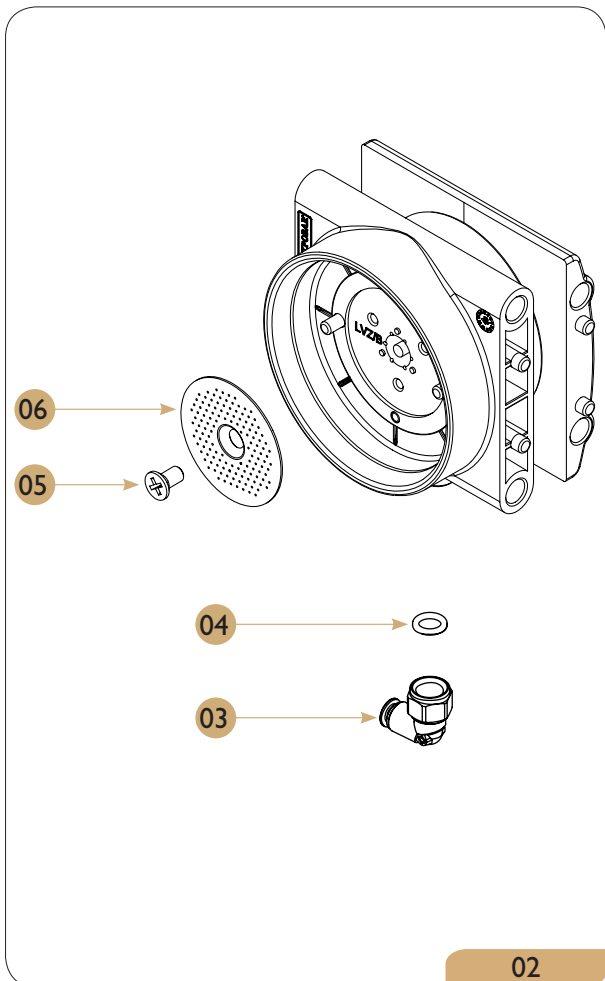
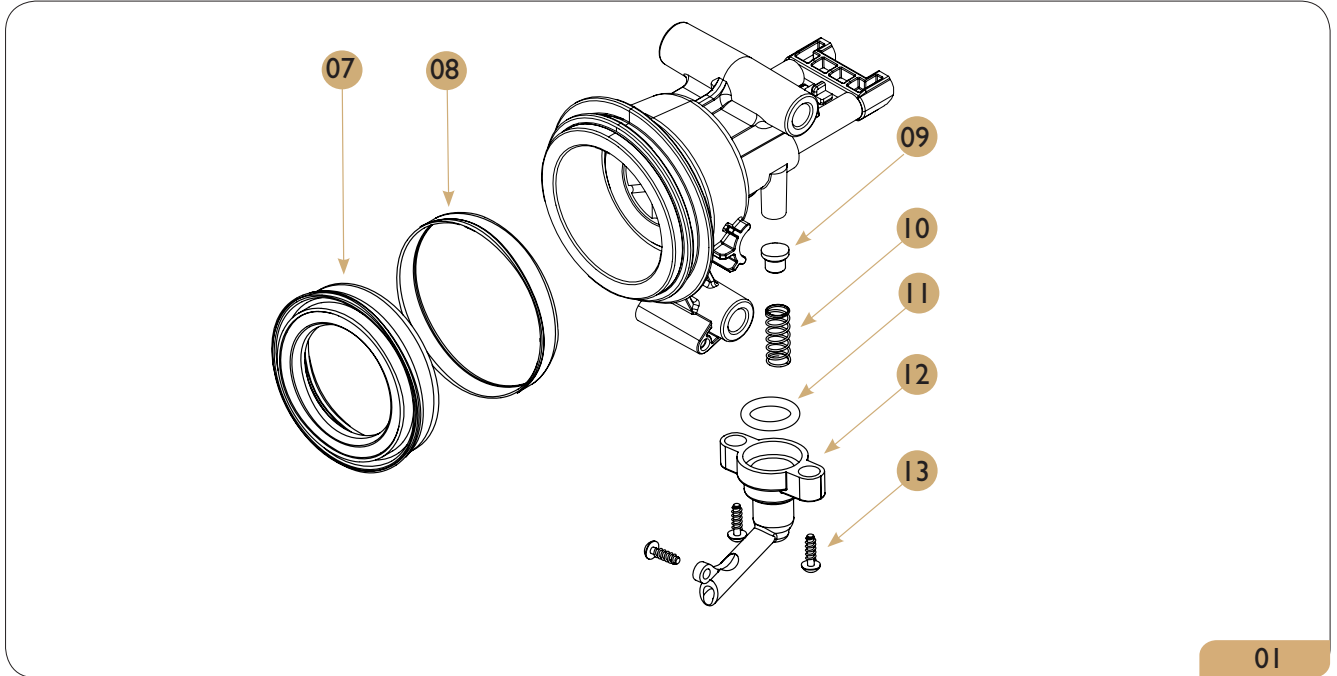
Capsule group Caffitaly

Spare parts list

POS.	PCS	Part No.	Description
01	1	ESC81000	PORTACAPSULES CFT KIT AUTO-EJECT GROUP
02	1	ESC82000	CHAMBER CFT KIT AUTO-EJECT GROUP
03	1	30600009	AUTOMATIC ELBOW RACOR G1/8F - TUBE 4 FKM
04	1	50000112	GASKET D7x2 VMQ-70 (RED)
05	1	75200059	INF. NEEDLE AUTOEJECT GROUP
06	1	50000060	RETENTION GASKET AUTO-EJECT GROUP CFT
07	1	30210134	RETENTION RING AUTO-EJECT
08	1	75200057	NEEDLE SUPPORT CAPSULE CFT AUTOEJECT.
09	1	65000301	SETA VALVE PTFE EMULSIFYING
10	1	55000050	SPRING GASKET MUSHROOM TYPE
11	1	30370075	STEAM/WATER PIPE ROD
12	1	30210170	EXIT EMUL GROUP AUTO-EJECT
13	3	25200003	SCREW FOR PLASTIC 3 X 8
14	1	C30210081	GROUP LEVER
15	1	ESC80000	KIT GROUP AUTO-EJECT CAPSULE CFT

Capsule group Lavazza

Drawing



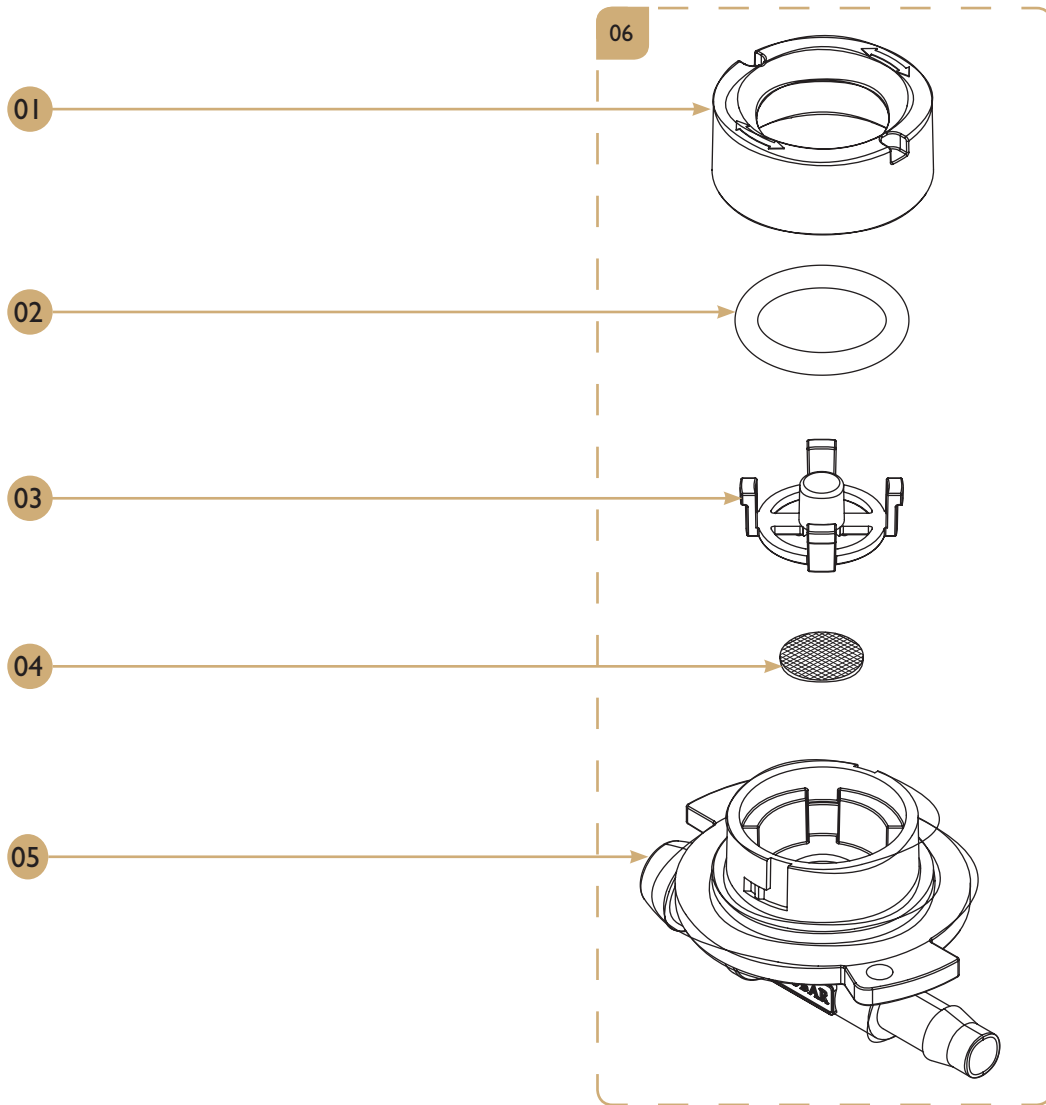
Capsule group Lavazza

Spare parts list

POS.	PCS	Part No.	Description
01	1	ESC81005	PORTACAPSULES LVZ KIT AUTO-EJECT GROUP
02	1	ESC82005	CHAMBER LVZ KIT AUTO-EJECT GROUP
03	1	30600009	AUTOMATIC ELBOW RACOR G1/8F - TUBE 4 FKM
04	1	50000112	GASKET D7x2 VMQ-70 (RED)
05	1	25096510	SCREW PHILIPS 4*8 (DIN 965)
06	1	75000015	SHOWER POD D-34
07	1	50000063	RETENTION GASKET AUTO-EJECT GROUP LVZ
08	1	30210134	RETENTION RING AUTO-EJECT
09	1	65000301	SETA VALVE PTFE EMULSIFYING
10	1	55000050	SPRING GASKET MUSHROOM TYPE
11	1	30370075	STEAM/WATER PIPE ROD
12	1	30210170	EXIT EMUL GROUP AUTO-EJECT
13	3	25200003	SCREW FOR PLASTIC 3 X 8
14	1	C30210081	GROUP LEVER
15	1	ESC80005	KIT FOR LVZ CAPSULE AUTOEXP.

Tank inlet

Drawing

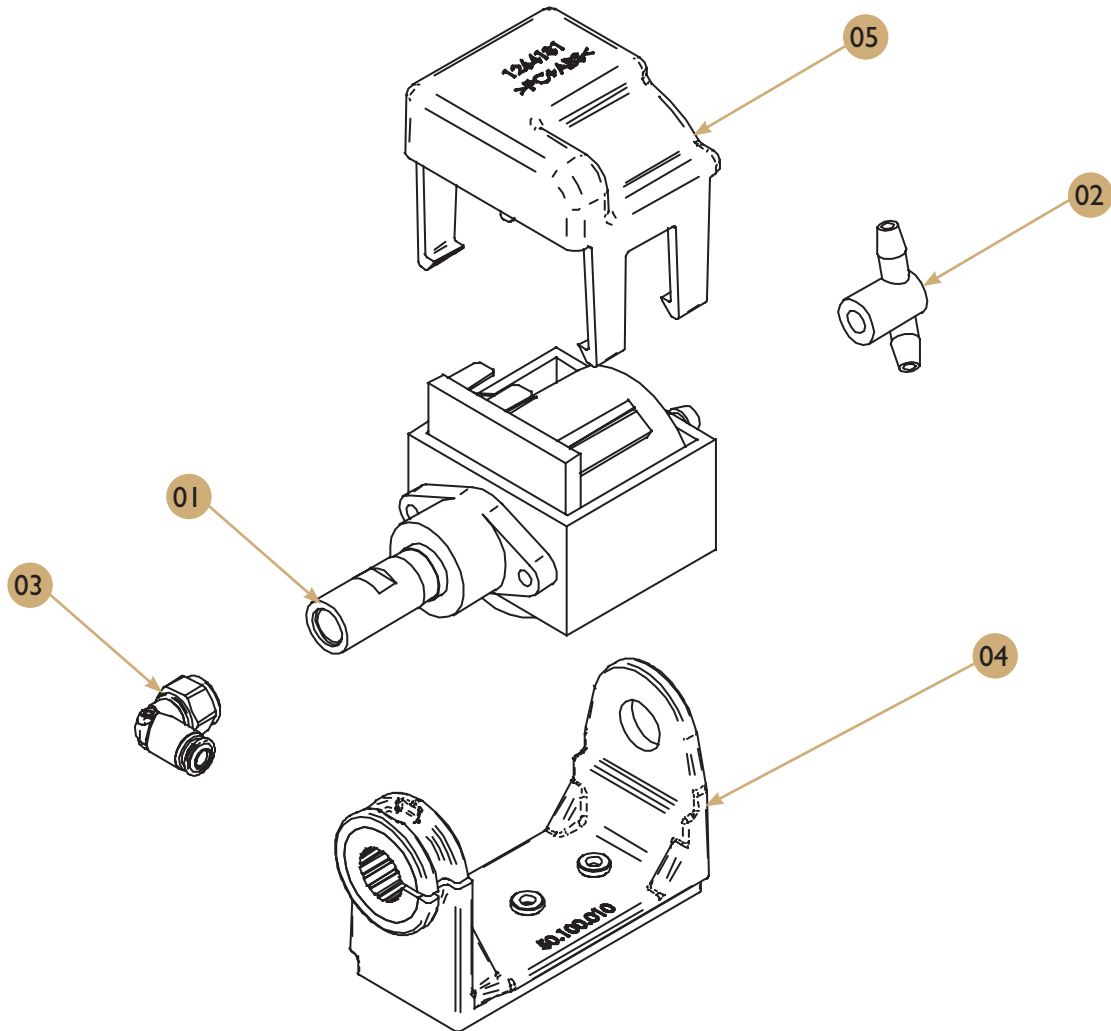


Spare parts list

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

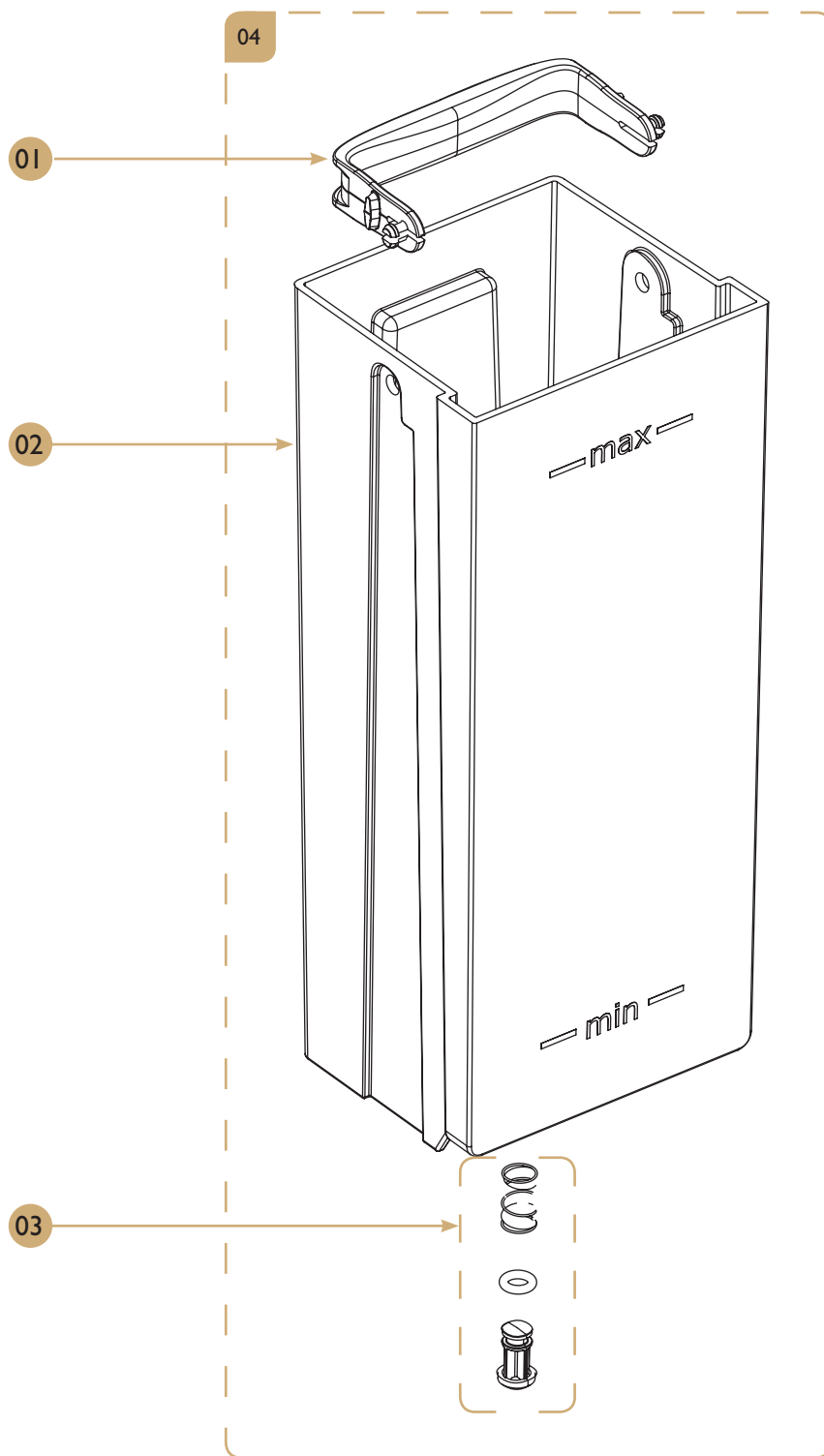


Spare parts list

POS.	PCS	Part No.	Description
01	1	C6000040	Office pump 220V 50Hz
02	1	1264340	Connector T for Vibration Pump
03	1	1860061	Connector L male G1/8-Tube 4 Rotate
04	1	C1264324	Support Rubber Vibration Pump
05	1	C1264181	Pump Cover

Water tank

Drawing



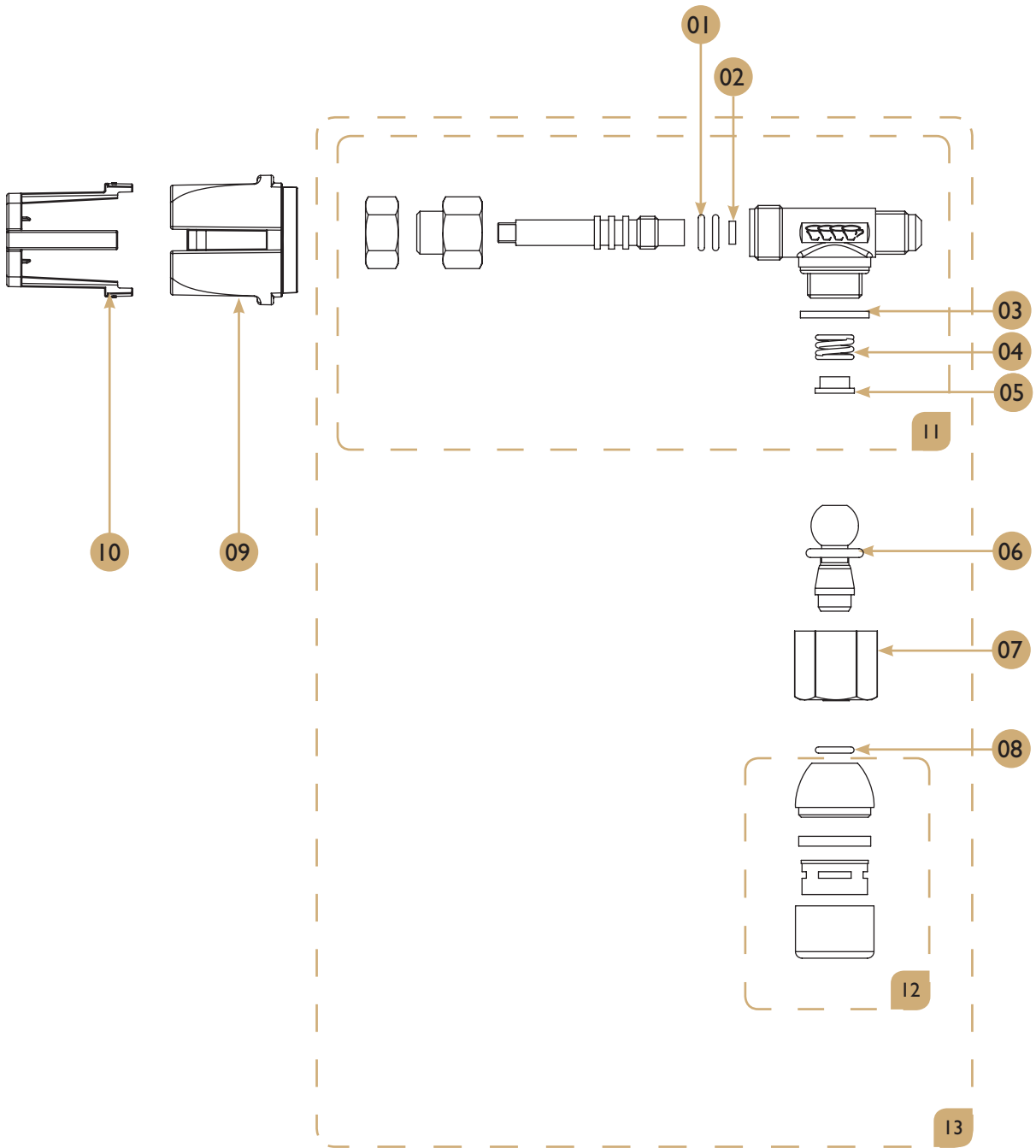
Water tank

Spare parts list

POS.	PCS	Part No.	Description
01	1	10004250	Tank Handle
02	1	1264355	Water Tank
03	1	2760265	Tank Valve Kit
04	1	2760065	Tank Assembly

Water tap

Drawing



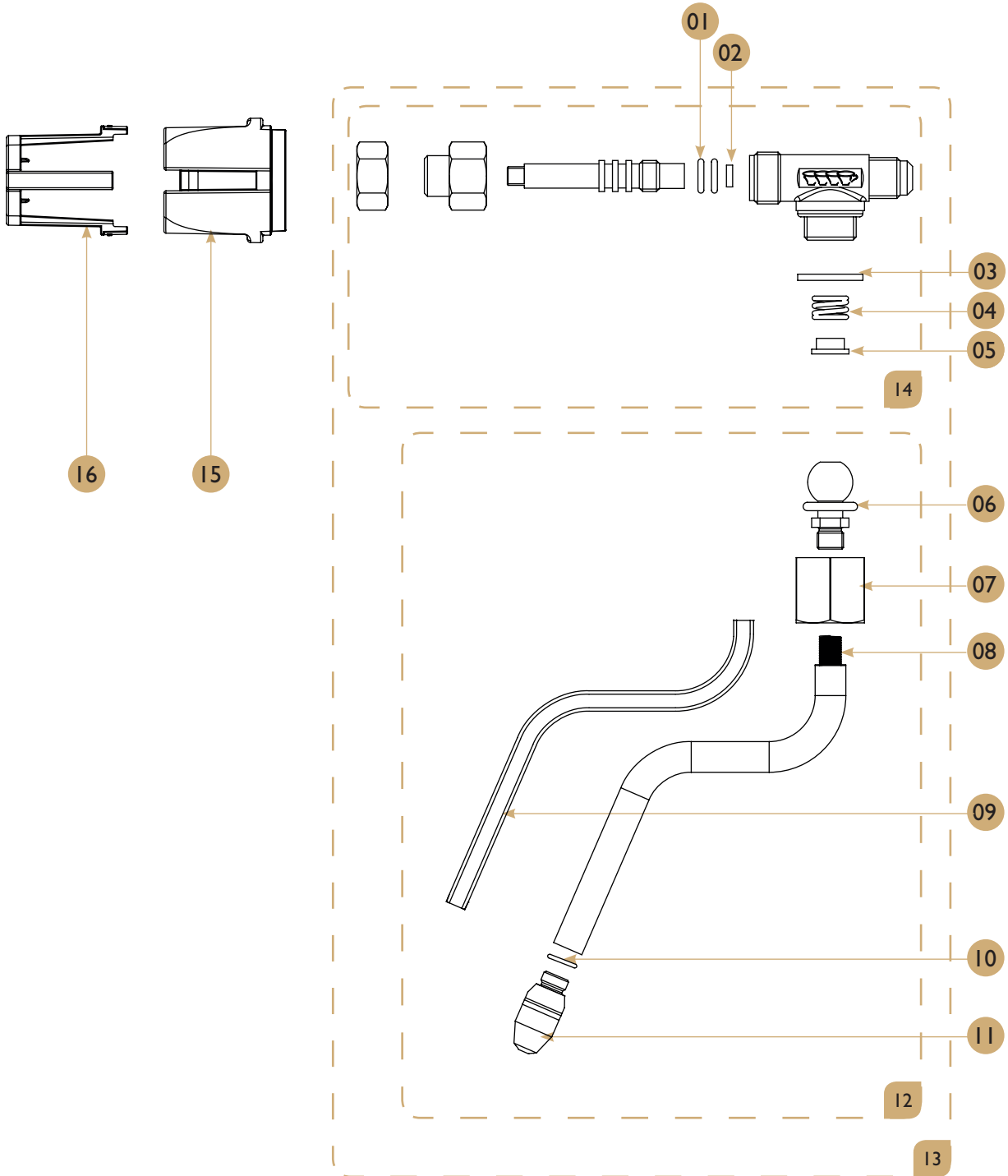
Water tap

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