# Professionall

Solutii profesionale pentru echipamente profesionale

GAS COMPONENTS

ELECTRIC COMPONENTS

WATER TECHNOLOGY

MECHANICAL COMPONENTS

TOOLS

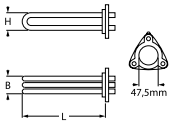
Spare parts suitable for

# UNIVER-BAR

# heating elements

## immersion heating elements

### 3 hole flange ø47.5mm

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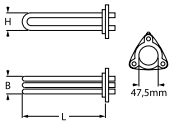
| | | | |
|---|---|---|---|
| **No.** | 416318 | **Ref. No.** | 3010 |
| **description** | heating element 3000W 230V mounting ø 47.5mm heating circuits 3 L 265mm W 32mm H 33mm number of thermostat sleeves 1 thermostat sleeves ø 6.5mm length thermostat sleeves 235mm thermostat sleeve eccentric, non clinging tube ø 6.5mm connection M4 | | |
| **accessories for** | 416318 | | |
| | No. 510408 | Ref. No. | 4011 |
| | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | |
| | No. 510562 | Ref. No. | — |
| | O-ring silicone thickness 5.34mm ID ø 47mm Qty 1 pcs | | |

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| | | | |
|---|---|---|---|
| **No.** | 416329 | **Ref. No.** | 3371 |
| **description** | heating element 4500W 230V mounting ø 47.5mm heating circuits 3 L 370mm W 33mm H 37mm number of thermostat sleeves 1 thermostat sleeves ø 7mm length thermostat sleeves 235mm thermostat sleeve eccentric, non clinging tube ø 6.5mm connection M4 3 hole flange | | |
| **spare parts for** | 416329 | | |
| | No. 510408 | Ref. No. | 4011 |
| | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | |

### with compression flange 62 x 26mm

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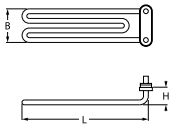
| | | | |
|---|---|---|---|
| **No.** | 415266 | **Ref. No.** | 2011 |
| **description** | heating element 2000W 230V heating circuits 1 compression flange flange 62x26mm L 300mm W 41mm Hmm connection male faston 6.3mm tube ø 6.3mm immersion heater | | |

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|---|---|---|---|
| **No.** | 416307 | **Ref. No.** | 1532 |
| **description** | heating element 2000W 230V heating circuits 1 flange 62x26mm L 270mm W 42mm H 27mm tube ø 6mm connection male faston 6.3mm | | |

### with round flange ø47.5mm

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| | | | |
|---|---|---|---|
| **No.** | 416306 | **Ref. No.** | 2010 |
| **description** | heating element 2000W 220V heating circuits 1 mounting ø 47.5mm L 270mm W 38mm H 22mm connection M4 tube ø 6mm thermostat sleeves ø 7.5mm number of thermostat sleeves 1 length thermostat sleeves 200mm thermostat sleeve eccentric, non clinging | | |
| **accessories for** | 416306 | | |
| | No. 510408 | Ref. No. | 4011 |
| | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | |
| | No. 510562 | Ref. No. | — |
| | O-ring silicone thickness 5.34mm ID ø 47mm Qty 1 pcs | | |
| | No. 520235 | Ref. No. | — |
| | 3 hole flange hole distance 70.5mm perforation ø 6.5mm ID ø 53.5mm | | |
| | No. 520236 | Ref. No. | — |
| | flange for heating element ID ø 50mm ED ø 90mm hole ø 6.5mm 3 holes | | |
| | No. 550002 | Ref. No. | 3136 |
| | tension strap H 10mm L 21mm W 10mm hole ø 6.5mm for heating element | | |
| | No. 550362 | Ref. No. | — |
| | blind flange ø 64mm mounting ø 47.5mm | | |

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|---|---|---|---|
| **No.** | 416319 | **Ref. No.** | 4599 |
| **description** | heating element 2000W 230V heating circuits 1 mounting ø 47.5mm L 275mm W 39mm H 35mm connection M4 H1 21mm H2 14mm | | |
| **spare parts for** | 416319 | | |
| | No. 510408 | Ref. No. | 4011 |
| | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | |
| **accessories for** | 416319 | | |
| | No. 510562 | Ref. No. | — |
| | O-ring silicone thickness 5.34mm ID ø 47mm Qty 1 pcs | | |
| | No. 520235 | Ref. No. | — |
| | 3 hole flange hole distance 70.5mm perforation ø 6.5mm ID ø 53.5mm | | |
| | No. 520236 | Ref. No. | — |
| | flange for heating element ID ø 50mm ED ø 90mm hole ø 6.5mm 3 holes | | |

Table continues overleaf

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| | | | | |
|---|---|---|---|---|
| accessories for | 416319 | | | |
| | No. | 550002 | Ref. No. | 3136 |
| | tension strap H 10mm L 21mm W 10mm hole ø 6.5mm for heating element | | | |
| | No. | 550362 | Ref. No. | — |
| | blind flange ø 64mm mounting ø 47.5mm | | | |

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| | | | |
|---|---|---|---|
| No. | 416327 | Ref. No. | 4552 |
| description | heating element 3000W 230V heating circuits 3 mounting ø 47.5mm L 280mm W 28mm H 60mm connection M4 tube ø 6.25mm H1 24mm H2 36mm | | |
| accessories for | 416327 | | |
| | No. | 510408 | Ref. No. | 4011 |
| | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | | |
| | No. | 510562 | Ref. No. | — |
| | O-ring silicone thickness 5.34mm ID ø 47mm Qty 1 pcs | | | |
| | No. | 520235 | Ref. No. | — |
| | 3 hole flange hole distance 70.5mm perforation ø 6.5mm ID ø 53.5mm | | | |
| | No. | 520236 | Ref. No. | — |
| | flange for heating element ID ø 50mm ED ø 90mm hole ø 6.5mm 3 holes | | | |
| | No. | 550002 | Ref. No. | 3136 |
| | tension strap H 10mm L 21mm W 10mm hole ø 6.5mm for heating element | | | |
| | No. | 550362 | Ref. No. | — |
| | blind flange ø 64mm mounting ø 47.5mm | | | |

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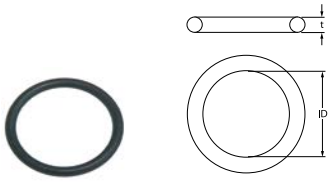
|---|---|---|---|
| No. | 416317 | Ref. No. | 4551 |
| description | heating element 6000W 230V heating circuits 3 mounting ø 47.5mm L 400mm W 36mm H 36mm connection M4 tube ø 6.2mm thermostat sleeves ø 7mm number of thermostat sleeves 1 length thermostat sleeves 235mm thermostat sleeve eccentric, non clinging | | |
| spare parts for | 416317 | | |
| | No. | 510408 | Ref. No. | 4011 |
| | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | | |
| accessories for | 416317 | | |
| | No. | 510562 | Ref. No. | — |
| | O-ring silicone thickness 5.34mm ID ø 47mm Qty 1 pcs | | | |
| | No. | 520235 | Ref. No. | — |
| | 3 hole flange hole distance 70.5mm perforation ø 6.5mm ID ø 53.5mm | | | |
| | No. | 520236 | Ref. No. | — |
| | flange for heating element ID ø 50mm ED ø 90mm hole ø 6.5mm 3 holes | | | |
| | No. | 550002 | Ref. No. | 3136 |
| | tension strap H 10mm L 21mm W 10mm hole ø 6.5mm for heating element | | | |
| | No. | 550362 | Ref. No. | — |
| | blind flange ø 64mm mounting ø 47.5mm | | | |

# accessories

## sealing washers

### O-rings



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| | | | |
|---|---|---|---|
| No. | 510408 | Ref. No. | 4011 |
| description | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | |

## flange gaskets

### counterflanges

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| | | | |
|---|---|---|---|
| No. | 550002 | Ref. No. | 3136 |
| description | tension strap H 10mm L 21mm W 10mm hole ø 6.5mm for heating element | | |

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| | | | |
|---|---|---|---|
| No. | 550002 | Ref. No. | 3136 |
| description | tension strap H 10mm L 21mm W 10mm hole ø 6.5mm for heating element | | |

# thermostats

## bi-metal thermostats

### safety bi-metal thermostats

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| | | | |
|---|---|---|---|
| No. | 390455 | Ref. No. | 4751 |
| description | bi-metal safety thermostat hole distance 40mm switch-off temp. 100°C 2NC 2-pole 16A connection F6.3 2 hole fixing | | |

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## control and safety thermostats

### IMIT / TEMPOMATIC / ARTHERMO

#### control thermostats

1

| | | | |
|---|---|---|---|
| **No.** | 375920 | **Ref. No.** | 4044 |
| **description** | thermostat t.max. 90°C temperature range 0-90°C 1-pole 1CO 16A probe ø 6.5mm probe L 98mm capillary pipe 1030mm capillary pipe isolated 970mm gland nut shaft ø 6x4.6mm shaft L 16mm rotation 270° probe material copper 250V | | |

## accessories

### plunger sockets

1

| | | | |
|---|---|---|---|
| **No.** | 507462 | **Ref. No.** | 1503 |
| **description** | thermowell thread M10x1 ID ø 7.7mm L 115mm for probe 100mm for probe ø 7mm | | |

## switches and momentary switches

## rocker/momentary rocker switches

### 30x22mm

1

| | | | |
|---|---|---|---|
| **No.** | 345317 | **Ref. No.** | 1519<br>1520 |
| **description** | momentary rocker switch mounting measurements 30x22mm green 2NO 230V 16A illuminated connection male faston 6.3mm ambient temperature max. 125/55°C protection IP65 with rubber collar | | |

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| | | | |
|---|---|---|---|
| **No.** | 347531 | **Ref. No.** | 4069 |
| **description** | rocker switch mounting measurements 30x22mm green 2NO 250V 20A illuminated 0-I connection male faston 6.3mm ambient temperature max. 125/55°C protection IP65 with rubber collar | | |

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| | | | |
|---|---|---|---|
| **No.** | 346474 | **Ref. No.** | 4671 |
| **description** | dummy element external size 30x22mm suitable for rocker switch | | |

### blank

1

| | | | |
|---|---|---|---|
| **No.** | 345982 | **Ref. No.** | 1521 |
| **description** | rocker switch mounting measurements 30x22mm green 2CO 250V 16A illuminated connection male faston 6.3mm ambient temperature max. 125/55°C protection IP65 with cover cap | | |
| **accessories for** | 345982 | | |
| | No. | 301036 | Ref. No. — |
| | protective cover internal size 30x22mm for rocker switch mounting measurementsmm | | |

### labelled

1

| | | | |
|---|---|---|---|
| **No.** | 300125 | **Ref. No.** | 4070 |
| **description** | rocker switch mounting measurements 30x22mm green 2NO 230V 16A 0-I connection male faston 6.3mm ambient temperature max. 125/55°C protection IP65 with cover cap | | |
| **accessories for** | 300125 | | |
| | No. | 301036 | Ref. No. — |
| | protective cover internal size 30x22mm for rocker switch mounting measurementsmm | | |

## microswitches

### lever actuated

1

| | | | |
|---|---|---|---|
| **No.** | 346067 | **Ref. No.** | 4074 |
| **description** | microswitch with lever 250V 16A 1CO connection male faston 6.3mm ambient temperature max. 125°C lever length 30mm | | |

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| | | | |
|---|---|---|---|
| **No.** | 345257 | **Ref. No.** | 4095 |
| **description** | microswitch with lever 250V 16A 1CO connection male faston 6.3mm L 29mm L1 33mm ambient temperature max. 120°C mounting distance 22mm actuating force: 130g lever length 31.5mm | | |

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|---|---|---|---|
| **No.** | 347607 | **Ref. No.** | 4780 |
| **description** | microswitch with lever 250V 16A 1CO connection male faston 6.3mm L 77mm ambient temperature max. 85°C lever length 48mm | | |

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|---|---|---|---|
| **No.** | 346064 | **Ref. No.** | 4762 |
| **description** | microswitch with lever 250V 16A 3CO connection male faston 6.3mm ambient temperature max. 125°C lever length 75mm | | |

# lamps

## indicator lights

### indicator lights (complete)

#### ø 6mm

1

| | | | |
|---|---|---|---|
| **No.** | 359434 | **Ref. No.** | 1513 |
| **description** | indicator light ø 6mm 230V green | | |

# timers

## programme timers

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| | | | |
|---|---|---|---|
| **No.** | 360432 | **Ref. No.** | 4516 |
| **description** | timer CDC 7802DV engines 2 chambers 2 operation time 1min / 2min 230V shaft ømm shaft Lmm motor type M37RN/M37LN | | |

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|---|---|---|---|
| **No.** | 360416 | **Ref. No.** | 1912<br>4090 |
| **description** | timer CROUZET engines 1 chambers 2 operation time 120s 230V shaft ø 6x4.6mm shaft L 20mm manuf. no. 627/5280 motor type 82340 | | |

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|---|---|---|---|
| **No.** | 360415 | **Ref. No.** | 1507 |
| **description** | timer CROUZET engines 1 chambers 4 operation time 120s 230V shaft ømm shaft Lmm manuf. no. 642/5180 motor type 82340 | | |

# contactors

## ALLEN BRADLEY

### power contactors

1

| | | | |
|---|---|---|---|
| **No.** | 380468 | **Ref. No.** | 3045 |
| **description** | power contactor resistive load 20A 230VAC (AC3/400V) 9A/4kW main contacts 4NO connection screw connection type 100-K09*400 | | |

# relays

## power relays

### with flange mounting

1

| | | | |
|---|---|---|---|
| **No.** | 380020 | **Ref. No.** | 4360 |
| **description** | power relays FINDER 230VAC 15A 2NO connection male faston 6.3mm manuf. no. 62.82.8.230.0300+062.10 2-pole | | |

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## with bracket mounting

1

| | | | |
|---|---|---|---|
| **No.** | 380815 | **Ref. No.** | 4637 |
| **description** | power relays 230VAC 16A 2NO connection male faston 6.3mm flange dimensions 36x38x68mm | | |

# electronics

## PCBs

1

| | | | |
|---|---|---|---|
| **No.** | 403894 | **Ref. No.** | 3845 |
| **description** | electronic timer L 125mm W 85mm | | |

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|---|---|---|---|
| **No.** | 403895 | **Ref. No.** | 4851 |
| **description** | PCB L 135mm W 85mm | | |

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| | | | |
|---|---|---|---|
| **No.** | 692214 | **Ref. No.** | 4850 |
| **description** | PCB warewashing MID15/COSMO/ERGON L 133mm W 84mm 50/60Hz voltage input 230/240 VacV 230V 17A | | |

# solenoid valves

## solenoid valves (water)

### TP

1

| | | | |
|---|---|---|---|
| **No.** | 370021 | **Ref. No.** | 4076 |
| **description** | solenoid valve double straight 230VAC inlet 3/4" outlet 11.5mm DN10 TP flow regulating valve inlet white | | |
| **spare parts for** | 370021 | | |

| | | | |
|---|---|---|---|
| No. | 371013 | Ref. No. | — |
| solenoid coil TP 230VAC 50/60Hz | | | |

| | | | | |
|---|---|---|---|---|
| **accessories for** | 370021 | | | |
| | No. | 371220 | Ref. No. | — |
| | reducer TP flow rate 3l/min red tolerance ±15% | | | |
| | No. | 371221 | Ref. No. | — |
| | reducer TP flow rate 5.5l/min yellow tolerance ±15% | | | |
| | No. | 371222 | Ref. No. | — |
| | reducer TP flow rate 6l/min grey tolerance ±15% | | | |
| | No. | 371223 | Ref. No. | — |
| | reducer TP flow rate 10l/min white tolerance ±15% | | | |
| | No. | 371224 | Ref. No. | — |
| | reducer TP flow rate 12l/min bronze tolerance ±15% | | | |
| | No. | 371225 | Ref. No. | — |
| | reducer TP flow rate 16l/min light brown tolerance ±15% | | | |
| | No. | 371226 | Ref. No. | — |
| | reducer TP flow rate 20l/min red tolerance ±15% | | | |
| | No. | 371230 | Ref. No. | — |
| | reducer TP flow rate 0.25l/min red tolerance ±25% | | | |
| | No. | 371231 | Ref. No. | — |
| | reducer TP flow rate 0.35l/min violet tolerance ±25% | | | |
| | No. | 371232 | Ref. No. | — |
| | reducer TP flow rate 0.5l/min orange tolerance ±25% | | | |
| | No. | 371233 | Ref. No. | — |
| | reducer TP flow rate 0.8l/min white tolerance ±25% | | | |
| | No. | 371234 | Ref. No. | — |
| | reducer TP flow rate 1l/min light blue tolerance ±25% | | | |
| | No. | 371235 | Ref. No. | — |
| | reducer TP flow rate 1.2l/min brown tolerance ±25% | | | |
| | No. | 371236 | Ref. No. | — |
| | reducer TP flow rate 1.5l/min light brown tolerance ±25% | | | |
| | No. | 371237 | Ref. No. | — |
| | reducer TP flow rate 2.5l/min yellow tolerance ±25% | | | |
| | No. | 371238 | Ref. No. | — |
| | reducer TP flow rate 3.4l/min dark green tolerance ±25% | | | |
| | No. | 371239 | Ref. No. | — |
| | reducer TP flow rate 5l/min black tolerance ±25% | | | |
| | No. | 371240 | Ref. No. | — |
| | reducer TP flow rate 8l/min blue tolerance ±20% | | | |



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|---|---|---|---|
| **No.** | 370017 | **Ref. No.** | 4075 |
| **description** | solenoid valve single straight 230VAC inlet 3/4" outlet 11.5mm DN10 TP p max 10bar | | |
| **spare parts for** | 370017 | | |
| | No. | 371013 | Ref. No. — |
| | solenoid coil TP 230VAC 50/60Hz | | |
| **accessories for** | 370017 | | |
| | No. | 371220 | Ref. No. — |
| | reducer TP flow rate 3l/min red tolerance ±15% | | |
| | No. | 371221 | Ref. No. — |
| | reducer TP flow rate 5.5l/min yellow tolerance ±15% | | |
| | No. | 371222 | Ref. No. — |
| | reducer TP flow rate 6l/min grey tolerance ±15% | | |
| | No. | 371223 | Ref. No. — |
| | reducer TP flow rate 10l/min white tolerance ±15% | | |
| | No. | 371224 | Ref. No. — |
| | reducer TP flow rate 12l/min bronze tolerance ±15% | | |
| | No. | 371225 | Ref. No. — |
| | reducer TP flow rate 16l/min light brown tolerance ±15% | | |
| | No. | 371226 | Ref. No. — |
| | reducer TP flow rate 20l/min red tolerance ±15% | | |
| | No. | 371230 | Ref. No. — |
| | reducer TP flow rate 0.25l/min red tolerance ±25% | | |
| | No. | 371231 | Ref. No. — |
| | reducer TP flow rate 0.35l/min violet tolerance ±25% | | |
| | No. | 371232 | Ref. No. — |
| | reducer TP flow rate 0.5l/min orange tolerance ±25% | | |
| | No. | 371233 | Ref. No. — |
| | reducer TP flow rate 0.8l/min white tolerance ±25% | | |
| | No. | 371234 | Ref. No. — |
| | reducer TP flow rate 1l/min light blue tolerance ±25% | | |
| | No. | 371235 | Ref. No. — |
| | reducer TP flow rate 1.2l/min brown tolerance ±25% | | |
| | No. | 371236 | Ref. No. — |
| | reducer TP flow rate 1.5l/min light brown tolerance ±25% | | |
| | No. | 371237 | Ref. No. — |
| | reducer TP flow rate 2.5l/min yellow tolerance ±25% | | |

| | | | |
|---|---|---|---|
| **accessories for** | 370017 | | |
| | No. | 371238 | Ref. No. — |
| | reducer TP flow rate 3.4l/min dark green tolerance ±25% | | |
| | No. | 371239 | Ref. No. — |
| | reducer TP flow rate 5l/min black tolerance ±25% | | |
| | No. | 371240 | Ref. No. — |
| | reducer TP flow rate 8l/min blue tolerance ±20% | | |

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|---|---|---|---|
| **No.** | 370016 | **Ref. No.** | 4078 |
| **description** | solenoid valve single angled 230VAC inlet 3/4" outlet 14mm DN10 TP | | |
| **spare parts for** | 370016 | | |
| | No. | 371013 | Ref. No. — |
| | solenoid coil TP 230VAC 50/60Hz | | |
| **accessories for** | 370016 | | |
| | No. | 371220 | Ref. No. — |
| | reducer TP flow rate 3l/min red tolerance ±15% | | |
| | No. | 371221 | Ref. No. — |
| | reducer TP flow rate 5.5l/min yellow tolerance ±15% | | |
| | No. | 371222 | Ref. No. — |
| | reducer TP flow rate 6l/min grey tolerance ±15% | | |
| | No. | 371223 | Ref. No. — |
| | reducer TP flow rate 10l/min white tolerance ±15% | | |
| | No. | 371224 | Ref. No. — |
| | reducer TP flow rate 12l/min bronze tolerance ±15% | | |
| | No. | 371225 | Ref. No. — |
| | reducer TP flow rate 16l/min light brown tolerance ±15% | | |
| | No. | 371226 | Ref. No. — |
| | reducer TP flow rate 20l/min red tolerance ±15% | | |
| | No. | 371230 | Ref. No. — |
| | reducer TP flow rate 0.25l/min red tolerance ±25% | | |
| | No. | 371231 | Ref. No. — |
| | reducer TP flow rate 0.35l/min violet tolerance ±25% | | |
| | No. | 371232 | Ref. No. — |
| | reducer TP flow rate 0.5l/min orange tolerance ±25% | | |
| | No. | 371233 | Ref. No. — |
| | reducer TP flow rate 0.8l/min white tolerance ±25% | | |

Table continues overleaf

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| | | | | |
|---|---|---|---|---|
| accessories for | 370016 | | | |
| | No. | 371234 | Ref. No. | — |
| | reducer TP flow rate 1l/min light blue tolerance ±25% | | | |
| | No. | 371235 | Ref. No. | — |
| | reducer TP flow rate 1.2l/min brown tolerance ±25% | | | |
| | No. | 371236 | Ref. No. | — |
| | reducer TP flow rate 1.5l/min light brown tolerance ±25% | | | |
| | No. | 371237 | Ref. No. | — |
| | reducer TP flow rate 2.5l/min yellow tolerance ±25% | | | |
| | No. | 371238 | Ref. No. | — |
| | reducer TP flow rate 3.4l/min dark green tolerance ±25% | | | |
| | No. | 371239 | Ref. No. | — |
| | reducer TP flow rate 5l/min black tolerance ±25% | | | |
| | No. | 371240 | Ref. No. | — |
| | reducer TP flow rate 8l/min blue tolerance ±20% | | | |
| | No. | 503139 | Ref. No. | — |
| | solenoid valve filter ø 19.5mm H 16mm | | | |

## solenoid valves with reducers

1

| | | | |
|---|---|---|---|
| No. | 370142 | Ref. No. | 1542 |
| description | solenoid valve double straight 230VAC inlet 3/4" outlet 11.5mm output B 0.6l/min | | |

# pressure switches

## for warewashing

### ø 58mm with male faston 6.3mm

### with connection horizontal

1

| | | | |
|---|---|---|---|
| No. | 541140 | Ref. No. | 4054 |
| description | pressure control pressure range 55/30mbar connection 6mm ø 58mm pressure connection horizontal warewashing | | |

# compressors

## SECOP DANFOSS

### R404a/R507

### LBP monophase

*Lower evaporation temperature below -20°C*

1

| | | | |
|---|---|---|---|
| No. | 605056 | Ref. No. | T2178GK |
| description | compressor coolant R404a/R507 type SC18CLX.2 220-240V 50Hz LBP fully hermetic 13.7kg 5/8HP cylinder capacity 17.69cm$^3$ CSR H 219mm 562W 691W 881W 1095W 1332W 1593WWWW test method ASHRAE | | |
| spare parts for | 605056 | | |
| | No. | 381548 | Ref. No. — |
| | start relay DANFOSS | | |

# pumps

## wash and rinse pumps

### FIR

### pumps

1

| | | | |
|---|---|---|---|
| No. | 500457 | Ref. No. | 3823 |
| description | pump inlet ø 28mm outlet ø 26mm type 2213.1417 230V 50Hz 1 phase 0.15kW 0.2HP L 198mm rotation direction left capacitor 6.3µF FIR | | |
| spare parts for | 500457 | | |
| | No. | 365012 | Ref. No. — |
| | operating capacitor capacity 6.3µF 450V tolerance 5% 50Hz ambient temperature max. -25 to +85°C ø 30mm L 61mm M8 plastic connection male faston 6.3mm protection | | |

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|---|---|---|---|---|
| **spare parts for** | 500457 | | | |
| | No. | 510384 | Ref. No. | — |
| | pump cover inlet ø 28mm outlet ø 26mm ø 100mm ID ø 76mm | | | |
| | No. | 510695 | Ref. No. | — |
| | mechanical shaft seal height counter ring 5.5mm ID ø 11mm | | | |
| | No. | 521703 | Ref. No. | — |
| | pump cover gasket EPDM thickness 2.5mm ID ø 75mm Qty 1 pcs | | | |

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|---|---|---|---|
| **No.** | 500683 | **Ref. No.** | 4718 |
| **description** | pump inlet ø 60mm outlet ø 50mm type 2223.U150 230V 50Hz 1 phase 0.89kW 1.2HP L 260mm rotation direction right capacitor 16µF FIR | | |
| **spare parts for** | 500683 | | |
| | No. 365021 | Ref. No. | — |
| | operating capacitor capacity 16µF 425V tolerance 5% 50/60Hz ambient temperature max. -25 to +85°C ø 35mm L 73mm single M8 plastic connection male faston 6.3mm 416.10.99 protection | | |
| | No. 510552 | Ref. No. | — |
| | pump cover gasket pump type 1292-2/3942/3981/3911/3983 | | |
| | No. 510600 | Ref. No. | — |
| | impellor ø 102mm H 29mm shaft intake ø 9/8mm rotation direction right blades 6 | | |
| | No. 510692 | Ref. No. | — |
| | mechanical shaft seal for shaft ø 11mm slide ringext. ø 24mm slide ring H 13mm counter ring mounting ø 26mm height counter ring 8mm counter ring int. ø 14mm | | |
| | No. 521511 | Ref. No. | — |
| | pump cover inlet ø 60mm outlet ø 50/30mm supporting pressure M12x1.75 supporting pressure open pump type 2233 turn direction right ø 160mm ID ø 120mm inner hight 23mm | | |

## OLYMPIA

### pumps

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|---|---|---|---|
| **No.** | 500000 | **Ref. No.** | 4112 |
| **description** | pump inlet ø 29mm outlet ø 28mm type T 4 230V 50Hz 1 phase 0.29kW 0.39HP L 202mm rotation direction left capacitor 8µF OLYMPIA | | |
| **spare parts for** | 500000 | | |
| | No. 365013 | Ref. No. | — |
| | operating capacitor capacity 8µF 400V tolerance 5%Hz ambient temperature max. -25 to +85°C ø 31.5mm L 55mm M8 plastic connection male faston 6.3mm protection | | |
| | No. 510554 | Ref. No. | — |
| | O-ring EPDM thickness 2mm ID ø 120mm Qty 1 pcs | | |
| | No. 510693 | Ref. No. | — |
| | mechanical shaft seal for shaft ø 12mm slide ringext. ø 24mm slide ring H 15.5mm slide ring int. ø 11mm counter ring mounting ø 24mm height counter ring 8mm counter ring int. ø 13.5mm | | |
| | No. 521176 | Ref. No. | — |
| | pump cover OLYMPIA inlet ø 1"mm outlet ø 28mm pump type T 4 | | |
| | No. 521257 | Ref. No. | — |
| | impellor ø 80mm H 12mm rotation direction left thread M10R shaft ø 12mm shaft length 7.5mm blades 6 | | |

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|---|---|---|---|
| **No.** | 500476 | **Ref. No.** | 1808 |
| **description** | pump inlet ø 50mm outlet ø 30mm type T45 230V 50Hz 1 phase 0.33kW 0.45HP L 215mm rotation direction left capacitor 8µF OLYMPIA | | |
| **spare parts for** | 500476 | | |
| | No. 365013 | Ref. No. | — |
| | operating capacitor capacity 8µF 400V tolerance 5%Hz ambient temperature max. -25 to +85°C ø 31.5mm L 55mm M8 plastic connection male faston 6.3mm protection | | |

MAG-PRO

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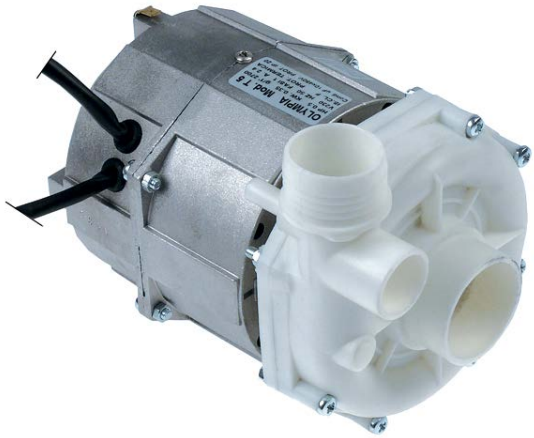
|---|---|---|---|---|
| **spare parts for** | 500476 | | | |
| | No. | 501312 | Ref. No. | — |
| | O-ring EPDM thickness 1.78mm ID ø 88.62mm Qty 1 pcs | | | |
| | No. | 510693 | Ref. No. | — |
| | mechanical shaft seal for shaft ø 12mm slide ringext. ø 24mm slide ring H 15.5mm slide ring int. ø 11mm counter ring mounting ø 24mm height counter ring 8mm counter ring int. ø 13.5mm | | | |
| | No. | 521258 | Ref. No. | — |
| | impellor ø 80mm H 13mm thread M10R shaft ø 12mm shaft length 7.5mm blades 6 | | | |



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|---|---|---|---|
| **No.** | 500477 | **Ref. No.** | 3730 |
| **description** | pump inlet ø 50mm outlet ø 40mm type T5 230V 50Hz 1 phase 0.35kW 0.48HP L 200mm rotation direction right capacitor 10µF OLYMPIA inlet ø 50mm outlet ø 40mm | | |
| **spare parts for** | 500477 | | |
| | No. | 365015 | Ref. No. — |
| | operating capacitor capacity 10µF 400V tolerance 5%Hz ambient temperature max. -25 to +85°C ø 35.5mm L 59mm M8 plastic connection male faston 6.3mm protection | | |
| | No. | 507458 | Ref. No. 3731 |
| | impellor ø 90mm H 12mm rotation direction right thread M10L blades 8 | | |
| | No. | 510554 | Ref. No. — |
| | O-ring EPDM thickness 2mm ID ø 120mm Qty 1 pcs | | |
| | No. | 510693 | Ref. No. — |
| | mechanical shaft seal for shaft ø 12mm slide ringext. ø 24mm slide ring H 15.5mm slide ring int. ø 11mm counter ring mounting ø 24mm height counter ring 8mm counter ring int. ø 13.5mm | | |

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|---|---|---|---|
| **No.** | 500475 | **Ref. No.** | 3350 |
| **description** | pump inlet ø 50mm outlet ø 48mm type T75 230V 50Hz 1 phase 0.55kW 0.75HP L 237mm rotation direction right capacitor 12.5µF OLYMPIA | | |
| **spare parts for** | 500475 | | |
| | No. | 365014 | Ref. No. — |
| | operating capacitor capacity 12.5µF 450V tolerance 5%Hz ambient temperature max. -25 to +85°C ø 35mm L 70mm M8 plastic connection male faston 6.3mm 45S.C3DS.12.5 protection | | |
| | No. | 510693 | Ref. No. — |
| | mechanical shaft seal for shaft ø 12mm slide ringext. ø 24mm slide ring H 15.5mm slide ring int. ø 11mm counter ring mounting ø 24mm height counter ring 8mm counter ring int. ø 13.5mm | | |
| | No. | 521161 | Ref. No. — |
| | pump cover OLYMPIA inlet ø 50mm outlet ø 48/31mm auxiliary pressure connection 10mm pump type T75 | | |
| | No. | 521162 | Ref. No. — |
| | impellor ø 106mm H 22mm pump type T75 thread M10L | | |
| | No. | 521727 | Ref. No. — |
| | pump cover gasket EPDM thickness 1.78mm ID ø 145mm Qty 1 pcs | | |

## drain pumps

### ASKOLL

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| | | | |
|---|---|---|---|
| **No.** | 500054 | **Ref. No.** | 3385 |
| **description** | drain pump inlet ø 24mm outlet ø 22mm 230V 40W 50Hz ASKOLL type R113 | | |



MAG-PRO

# electric accessories

## terminals

### connection boxes

1

| | | | |
|---|---|---|---|
| **No.** | 550300 | **Ref. No.** | 4752 |
| **description** | power terminal block 3-pole contacts P+N+E | | |

# equipment-specific units

## for dishwashers

### drain and intake components

#### UNIVERBAR

#### drain /intake bodies

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| | | | |
|---|---|---|---|
| **No.** | 507449 | **Ref. No.** | 1536 |
| **description** | drain fitting thread 1" hose ø 30mm | | |

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|---|---|---|---|
| **No.** | 507460 | **Ref. No.** | 4621 |
| **description** | drain fitting thread 1½" ED ø 78mm ID ø 50mm | | |

#### overflow pipes

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| | | | |
|---|---|---|---|
| **No.** | 507466 | **Ref. No.** | 1534 |
| **description** | overflow pipe L 107mm ø 28mm | | |

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|---|---|---|---|
| **No.** | 517178 | **Ref. No.** | 2112 |
| **description** | overflow pipe L 121mm ø 28mm | | |

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|---|---|---|---|
| **No.** | 517606 | **Ref. No.** | 1201 |
| **description** | overflow pipe L 149mm ø 51mm | | |

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|---|---|---|---|
| **No.** | 507500 | **Ref. No.** | 3266 |
| **description** | overflow pipe L 88mm ø 28mm | | |

### containers

#### salt tanks

1

| | | | |
|---|---|---|---|
| **No.** | 510929 | **Ref. No.** | 4333 |
| **description** | salt tank ø 120mm H 117mm hose ø 10mm mounting ø 70mm overall height 157mm | | |
| **spare parts for** | 510929 | | |

| | | | |
|---|---|---|---|
| No. | 506015 | Ref. No. | — |
| O-ring EPDM thickness 3.53mm ID ø 39.69mm Qty 1 pcs | | | |

| | | | |
|---|---|---|---|
| No. | 510018 | Ref. No. | — |
| nut ø 92mm H 10.5mm for salt tank ID ø 64mm | | | |

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|---|---|---|---|
| No. | 524177 | Ref. No. | — |
| lid ø 69mm H 20mm for salt tank ID ø 50mm | | | |

Table continues overleaf

MAG-PRO

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|---|---|---|---|---|
| accessories for | 510929 | | | |
| | No. | 510071 | Ref. No. | — |
| | flat gasket rubber ED ø 81mm ID ø 68mm thickness 3mm for salt tank Qty 1 pcs | | | |
| | No. | 510654 | Ref. No. | — |
| | gasket H 6mm D1 ø 82mm D2 ø 68mm | | | |
| | No. | 510883 | Ref. No. | — |
| | gasket rubber ED ø 86mm ID ø 66mm thickness 2mm for salt tank Qty 1 pcs | | | |

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|---|---|---|---|
| No. | 504045 | Ref. No. | 4337 |
| description | salt tank ø 123mm H 90mm | | |
| spare parts for | 504045 | | |
| | No. | 510018 | Ref. No. — |
| | nut ø 92mm H 10.5mm for salt tank ID ø 64mm | | |
| | No. | 524148 | Ref. No. — |
| | O-ring EPDM thickness 3.53mm ID ø 40.86mm Qty 1 pcs | | |
| | No. | 524177 | Ref. No. — |
| | lid ø 69mm H 20mm for salt tank ID ø 50mm | | |
| accessories for | 504045 | | |
| | No. | 510654 | Ref. No. — |
| | gasket H 6mm D1 ø 82mm D2 ø 68mm | | |
| | No. | 510883 | Ref. No. — |
| | gasket rubber ED ø 86mm ID ø 66mm thickness 2mm for salt tank Qty 1 pcs | | |

## boilers

### boilers for dishwashers

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|---|---|---|---|
| No. | 507465 | Ref. No. | 3326 |
| description | boiler without heating element ø 150mm L 415mm inlet ø 12mm outlet ø 2x 10mm | | |

## softener cartridges

### softening columns

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| | | | |
|---|---|---|---|
| No. | 530000 | Ref. No. | 4331 |
| description | softener 4-fold L 380mm W 180mm | | |

## air traps

### air traps

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| | | | |
|---|---|---|---|
| No. | 507504 | Ref. No. | 4032<br>4032I |
| description | air trap ø 39mm H 35mm thread M8 hose ø 6mm plastic | | |
| accessories for | 507504 | | |
| | No. | 507447 | Ref. No. 2017 |
| | flat gasket PTFE ED ø 14mm ID ø 8mm thickness 2mm Qty 1 pcs | | |
| | No. | 507448 | Ref. No. 2018 |
| | nut thread M8 H 8mm SS WS 13 Qty 1 pcs | | |

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|---|---|---|---|
| No. | 507505 | Ref. No. | 1360 |
| description | air trap ø 39mm H 90mm thread M8 hose ø 6mm plastic | | |

## backflow preventers

### backflow preventers

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| | | | |
|---|---|---|---|
| No. | 516101 | Ref. No. | 4221 |
| description | backflow preventer dishwasher hose ø 12mm | | |
| spare parts for | 516101 | | |
| | No. | 506367 | Ref. No. — |
| | flat gasket rubber ED ø 40mm ID ø 28mm thickness 1.8mm Qty 1 pcs | | |

MAG-PRO

## door mechanics

### miscellaneous

1

| | | | |
|---|---|---|---|
| **No.** | 504428 | **Ref. No.** | 3282 |
| **description** | bush for door brass ED ø 10/12mm ID ø 8mm H 5mm | | |

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|---|---|---|---|
| **No.** | 507450 | **Ref. No.** | 1598 |
| **description** | spring for door | | |

## washing and rinsing systems

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|---|---|---|---|
| **No.** | 517609 | **Ref. No.** | 2528 |
| **description** | bush for rinse arm PTFE L 10.6mm D1 ø 14mm D2 ø 16.5mm ID ø 10mm | | |

## washing and rinsing systems (sorted by producer)

### UNIVERBAR

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| | | | |
|---|---|---|---|
| **No.** | 507502 | **Ref. No.** | 2540 |
| **description** | wash and rinse arm wash arm L 385mm rinse arm L 385mm w. jets 12 r. jets 4 mounting ø 10/32mm mounting pos. upper/lower L 390mm W 390mm | | |

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|---|---|---|---|
| **No.** | 507581 | **Ref. No.** | 2541 |
| **description** | wash and rinse arm wash arm L 430mm rinse arm L 425mm w. jets 12 r. jets 5 | | |
| **spare parts for** | 507581 | | |

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|---|---|---|---|
| No. | 505045 | Ref. No. | — |
| O-ring EPDM thickness 1.78mm ID ø 5.28mm Qty 1 pcs | | | |

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|---|---|---|---|
| **spare parts for** | 507581 | | |

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|---|---|---|---|
| No. | 510893 | Ref. No. | — |
| O-ring EPDM thickness 2.62mm ID ø 9.92mm Qty 1 pcs | | | |

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|---|---|---|---|
| No. | 517092 | Ref. No. | — |
| guide for rinse arm shaft | | | |

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|---|---|---|---|
| No. | 517101 | Ref. No. | — |
| gasket PTFE ED ø 16mm ID ø 10mm thickness 2.5mm Qty 1 pcs | | | |



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|---|---|---|---|
| No. | 517102 | Ref. No. | — |
| rinse arm shaft | | | |

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|---|---|---|---|
| No. | 517103 | Ref. No. | — |
| cover | | | |

| | | | |
|---|---|---|---|
| No. | 517104 | Ref. No. | — |
| O-ring EPDM thickness 2.62mm ID ø 31.42mm Qty 1 pcs | | | |

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|---|---|---|---|
| No. | 517408 | Ref. No. | — |
| pipe for wash arm ED ø 42mm L 150mm plastic mounting ø 28mm ID ø 10mm | | | |

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|---|---|---|---|
| No. | 517609 | Ref. No. | 2528 |
| bush for rinse arm PTFE L 10.6mm D1 ø 14mm D2 ø 16.5mm ID ø 10mm | | | |

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|---|---|---|---|
| No. | 560536 | Ref. No. | 2535 |
| Thumb screw thread M8 thread L 5mm ø 20mm H 10mm SS Qty 1 pcs | | | |

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|---|---|---|---|
| **No.** | 507507 | **Ref. No.** | 3342 |
| **description** | wash and rinse arm wash arm L 503mm rinse arm L 475mm w. jets 10 r. jets 6 mounting ø 10/32mm mounting pos. upper/lower | | |

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|---|---|---|---|
| **No.** | 507468 | **Ref. No.** | 4080 |
| **description** | end cap for rinse arm thread M10x1 H 8mm chrome-plated brass | | |

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|---|---|---|---|
| **No.** | 503317 | **Ref. No.** | 4022 |
| **description** | rinse jet H 13mm thread M6x1 WS 10 conical seal | | |

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|---|---|---|---|
| **No.** | 507446 | **Ref. No.** | 2530 |
| **description** | wash arm boss | | |

MAG-PRO

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|---|---|---|---|
| **No.** | 507506 | **Ref. No.** | 3105 |
| **description** | wash and rinse arm wash arm L 485mm rinse arm L 470mm w. jets 6 r. jets 6 mounting ø 10/43mm mounting pos. upper/lower | | |

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|---|---|---|---|
| **No.** | 507468 | **Ref. No.** | 4080 |
| **description** | end cap for rinse arm thread M10x1 H 8mm chrome-plated brass | | |

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|---|---|---|---|
| **No.** | 503317 | **Ref. No.** | 4022 |
| **description** | rinse jet H 13mm thread M6x1 WS 10 conical seal | | |

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|---|---|---|---|
| **No.** | 517607 | **Ref. No.** | 3109 |
| **description** | wash arm boss mounting ø 10mm ø 28mm L 77mm W 70mm H 49mm | | |

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|---|---|---|---|
| **No.** | 507501 | **Ref. No.** | 3259 |
| **description** | rinse arm L 375mm nozzles 4 mounting ø 10mm mounting pos. upper | | |
| **spare parts for** | 507501 | | |

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|---|---|---|---|
| No. | 503317 | Ref. No. | 4022 |
| rinse jet H 13mm thread M6x1 WS 10 conical seal | | | |

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|---|---|---|---|
| No. | 507468 | Ref. No. | 4080 |
| end cap for rinse arm thread M10x1 H 8mm chrome-plated brass | | | |

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|---|---|---|---|
| **No.** | 507468 | **Ref. No.** | 4080 |
| **description** | end cap for rinse arm thread M10x1 H 8mm chrome-plated brass | | |

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| | | | |
|---|---|---|---|
| **No.** | 503317 | **Ref. No.** | 4022 |
| **description** | rinse jet H 13mm thread M6x1 WS 10 conical seal | | |

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|---|---|---|---|
| **No.** | 517608 | **Ref. No.** | 3336 |
| **description** | wash arm support complete mounting pos. lower thread M8x1.25 ø 35mm H 360mm | | |

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|---|---|---|---|
| **No.** | 507503 | **Ref. No.** | 1918 |
| **description** | wash arm support mounting pos. lower | | |

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|---|---|---|---|
| **No.** | 507467 | **Ref. No.** | 4745 |
| **description** | wash arm support mounting pos. lower ø 35mm H 235mm hose ø 33mm | | |

# knobs

## producer-specific knobs

### UNIVERBAR

1

| | | | |
|---|---|---|---|
| **No.** | 110949 | **Ref. No.** | 3321 |
| **description** | knob thermostat t.max. 90°C 0-90°C ø 42mm shaft ø 6x4.6mm shaft flat upper black | | |

MAG-PRO

## accessories

### rosettes

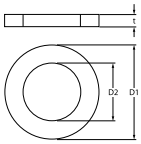
1

| | | | |
|---|---|---|---|
| **No.** | 112195 | **Ref. No.** | 3322 |
| **description** | rosette knob knob ø 42mm ø 56mm | | |

# gaskets

## O-rings

### EPDM

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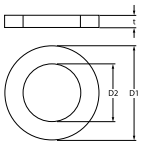
|---|---|---|---|
| **No.** | 517035 | **Ref. No.** | 3285 |
| **description** | O-ring EPDM thickness 1.78mm ID ø 4.48mm Qty 1 pcs | | |

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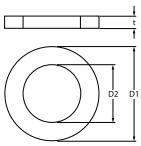
|---|---|---|---|
| **No.** | 511511 | **Ref. No.** | 3154 |
| **description** | O-ring EPDM thickness 2.62mm ID ø 17.13mm Qty 10 pcs | | |

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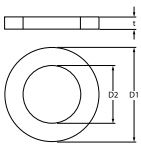
|---|---|---|---|
| **No.** | 505192 | **Ref. No.** | 3337 |
| **description** | O-ring EPDM thickness 2.62mm ID ø 39.34mm Qty 1 pcs | | |

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|---|---|---|---|
| **No.** | 510408 | **Ref. No.** | 4011 |
| **description** | O-ring EPDM thickness 5.34mm ID ø 47mm Qty 1 pcs | | |

## sealing washers

### rubber gaskets

1

| | | | |
|---|---|---|---|
| **No.** | 517181 | **Ref. No.** | 1535 |
| **description** | flat gasket rubber ED ø 44mm ID ø 32mm thickness 3mm Qty 1 pcs | | |

### PTFE gaskets

1

| | | | |
|---|---|---|---|
| **No.** | 507447 | **Ref. No.** | 2017 |
| **description** | flat gasket PTFE ED ø 14mm ID ø 8mm thickness 2mm Qty 1 pcs | | |

# dosing pumps

## peristaltic dosing pumps

### SEKO

#### wall-mounted version

#### with speed control

1

| | | | |
|---|---|---|---|
| **No.** | 361156[1] | **Ref. No.** | 4801 |
| **description** | dosing pump SEKO speed control 0.6-4l/h 230VAC detergent hose ø 4x6mm hose type K hose Santoprene suction level 1.5m type PR wall-mounted version dimensions 103x82x92mm | | |
| **spare parts for** | 361156 | | |

| | | | |
|---|---|---|---|
| No. | 361136 | Ref. No. | — |
| roller assembly for dosing pump hole ø 4.8x4mm | | | |



| | | | |
|---|---|---|---|
| No. | 361815 | Ref. No. | — |
| pump hose detergent hose ø 6x10mm hose ø 4x6mm hose type K hose Santoprene type SEKO | | | |
| **accessories for** | 361156 | | |

| | | | |
|---|---|---|---|
| No. | 361142 | Ref. No. | — |
| mounting set detergent hose type 4x6mm hose length 2m PVC 2x hose/container filter/tank intake transparent | | | |

| | | | |
|---|---|---|---|
| No. | 361891 | Ref. No. | — |
| mounting set detergent hose type 4x6mm hose length 2m PVC 2x hose/container filter/tank intake transparent | | | |



| | | | |
|---|---|---|---|
| No. | 520090 | Ref. No. | — |
| PVC hose ID ø 4mm ED ø 6mm L 2m thickness 1mm t.max. 60°C transparent | | | |



| | | | |
|---|---|---|---|
| No. | 520091 | Ref. No. | — |
| nylon hose ID ø 4mm ED ø 6mm L 2m thickness 1mm operating p. 10bar burst p. 50bar t.max. 100°C transparent | | | |

MAG-PRO

## built-in version

### with frequency control

1

| | | | |
|---|---|---|---|
| **No.** | 361767[1] | **Ref. No.** | 1916 |
| **description** | dosing pump SEKO 3l/h 230VAC detergent hose ø 4x6mm hose type K hose Santoprene suction level 1.5m type NBR 3 8W built-in version peristaltic pump | | |
| **spare parts for** | 361767 | | |
|  | No. 361815 | Ref. No. | — |
| | pump hose detergent hose ø 6x10mm hose ø 4x6mm hose type K hose Santoprene type SEKO | | |

[1]incl. inlet and conveyor hose

## membrane dosing pumps

### self-priming with supporting pressure

### GERMAC

### type 2000

1

| | | | |
|---|---|---|---|
| **No.** | 361535 | **Ref. No.** | 4096 |
| **description** | dosing pump type 2000 rinse aid inlet 4x6mm outlet M10x1 suction connection ø 4x6mm supporting pressure 11mm rebound ball PTFE 1mm GERMAC CODE VNR/U3 | | |
| **spare parts for** | 361535 | | |
| | No. 361550 | Ref. No. | — |
| | hose connector hose ø 4x6mm | | |
| | No. 361551 | Ref. No. | — |
| | compression spring wire gauge ø 1mm | | |
| | No. 361702 | Ref. No. | — |
| | hose connector brass hose ø 4x6mm | | |
| | No. 361705 | Ref. No. | — |
| | gasket for hose connector M12x1 | | |
| | No. 510298 | Ref. No. | — |
| | lip valve dosing pump suitable for DB2/DS5 | | |
| **accessories for** | 361535 | | |
| | No. 361142 | Ref. No. | — |
| | mounting set detergent hose type 4x6mm hose length 2m PVC 2x hose/container filter/tank intake transparent | | |
| | No. 361553 | Ref. No. | — |
| | membrane EPDM | | |
| | No. 361700 | Ref. No. | — |
| | hose connector rotary hose ø 4x6mm plastic connection M10x1 | | |
| **accessories for** | 361535 | | |
| | No. 361701 | Ref. No. | — |
| | hose connector thread M10x1 grommet ø 7.5mm | | |
| | No. 361703 | Ref. No. | — |
| | hose connector thread M10x1 brass pipe connection ø 4x6mmmm | | |
| | No. 361704 | Ref. No. | — |
| | hose connector brass straight thread M12x1 hose ø 11mm Qty 1 pcs | | |
|  | No. 510296 | Ref. No. | — |
| | membrane silicone | | |
|  | No. 520090 | Ref. No. | — |
| | PVC hose ID ø 4mm ED ø 6mm L 2m thickness 1mm t.max. 60°C transparent | | |
|  | No. 520091 | Ref. No. | — |
| | nylon hose ID ø 4mm ED ø 6mm L 2m thickness 1mm operating p. 10bar burst p. 50bar t.max. 100°C transparent | | |

## accessories

### container filters

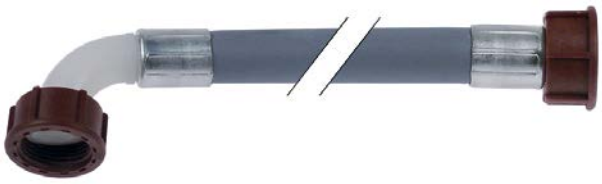
1

| | | | |
|---|---|---|---|
| **No.** | 361905 | **Ref. No.** | 1040 |
| **description** | container filter plastic hose ø 5mm detergent | | |

# hoses

## supply hoses

### PVC supply hoses



1

| | | | |
|---|---|---|---|
| **No.** | 520010 | **Ref. No.** | 3204 |
| **description** | supply hose PVC straight-curved DN13 connections 3/4" L 1500mm operating p. 10bar burst p. 32bar t.max. 90°C blue approval VDE flat seal | | |
| **accessories for** | 520010 | | |
| | No. 520053 | Ref. No. | — |
| | screen connection 3/4" D1 ø 26mm D2 ø 15mm Qty 10 pcs rubber thickness 8mm | | |
| | No. 520054 | Ref. No. | — |
| | flat gasket rubber ED ø 23.5mm ID ø 14mm thickness 2.3mm Qty 10 pcs | | |

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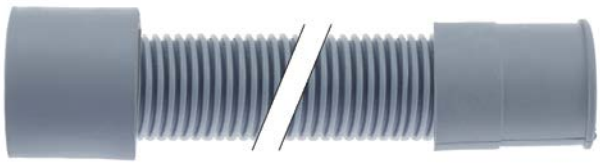
## drain hoses



1

| | | | |
|---|---|---|---|
| **No.** | 511205 | **Ref. No.** | 1604 |
| **description** | drain hose DN19 L 1500mm A int. ø 23mm A ext. ø 29mm B int. ø 29mm outer hose ø 29mm B ext. ø 35mm | | |

1

| | | | |
|---|---|---|---|
| **No.** | 530574 | **Ref. No.** | 4717 |
| **description** | drain hose DN31 L 2000mm A int. ø 31mm A ext. ø 35mm B int. ø 40mm B ext. ø 46mm outer hose ø 38mm | | |

# measuring equipment

## thermometers

### built-in thermometers

1

| | | | |
|---|---|---|---|
| **No.** | 541086 | **Ref. No.** | 4507 |
| **description** | thermometer mounting measurements 58x25.5mm 0 up to +120°C capillary pipe 2000mm probe ø 6mm probe L 23mm | | |

# fastening material

## screws

### knurled screws

1

| | | | |
|---|---|---|---|
| **No.** | 560536 | **Ref. No.** | 2535 |
| **description** | Thumb screw thread M8 thread L 5mm ø 20mm H 10mm SS Qty 1 pcs | | |

## nuts

### hexagonal nuts

#### DIN 6923 / ISO 4161

1

| | | | |
|---|---|---|---|
| **No.** | 507448 | **Ref. No.** | 2018 |
| **description** | nut thread M8 H 8mm SS WS 13 Qty 1 pcs | | |

### hexagonal nuts metric (without norm)

1

| | | | |
|---|---|---|---|
| **No.** | 507461 | **Ref. No.** | 1505 |
| **description** | hexagonal nut thread M10x1 H 3mm WS 17 SS Qty 1 pcs | | |

### hexagonal nuts inch thread

1

| | | | |
|---|---|---|---|
| **No.** | 507459 | **Ref. No.** | 1533 |
| **description** | nut thread 1" H 5mm WS 36 SS Qty 1 pcs | | |

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