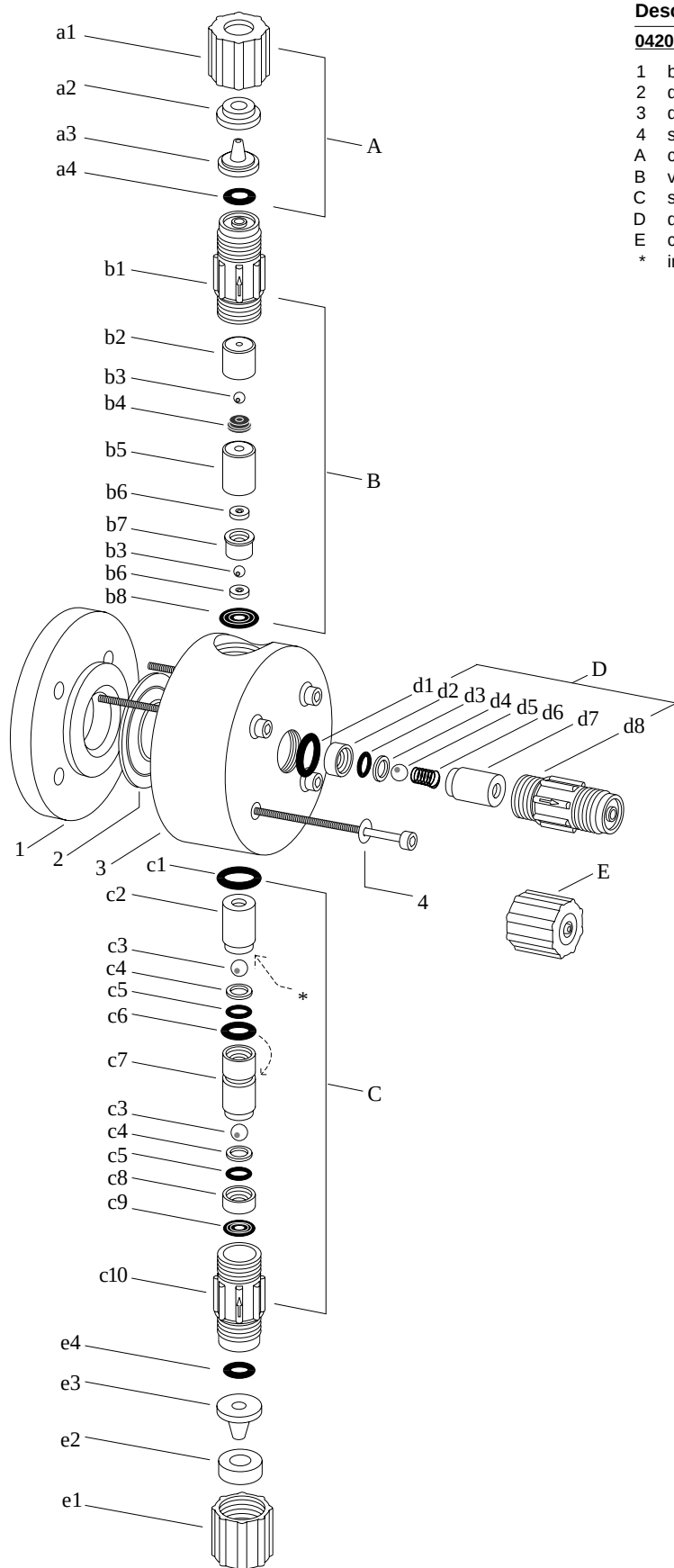


## EXPLODED VIEW



| Description                            | Qty.     | Part No.       |
|----------------------------------------|----------|----------------|
| <b>0420-2 PPE9 liquid end complete</b> | <b>1</b> | <b>1002403</b> |

|                                          |                                         |   |         |
|------------------------------------------|-----------------------------------------|---|---------|
| 1                                        | backplate B0420 90 x 44-2 .....         | 1 | 1000266 |
| 2                                        | diaphragm 770 x 33.5 .....              | 1 | 1000250 |
| 3                                        | dosing head 90 x 44-2 PP9 .....         | 1 | 1001745 |
| 4                                        | screw M5 x 55 & washer .....            | 4 | 1000268 |
| A                                        | connect. set 1/4" sing. PPE .....       | 1 | 817160  |
| B                                        | vent valve sdb GALa 1/4" PPE .....      | 1 | 1001063 |
| C                                        | suction valve GALa 1/2" PPE .....       | 1 | 1001437 |
| D                                        | discharge valve GALa sdb 1/2" PPE ..... | 1 | 1001071 |
| E                                        | connect. set 1/2" sing. PPE .....       | 2 | 817162  |
| * indicates location of spring if needed |                                         |   |         |

|          |                                    |          |               |
|----------|------------------------------------|----------|---------------|
| <b>A</b> | <b>connect. set 1/4" sing. PPE</b> | <b>1</b> | <b>817160</b> |
|----------|------------------------------------|----------|---------------|

|    |                              |   |         |
|----|------------------------------|---|---------|
| a1 | union nut M20 x 1.5 PP ..... | 1 | 800608  |
| a2 | clamp ring 1/4" ferule ..... | 1 | 800712  |
| a3 | tube nozzle 3/16" PP .....   | 1 | 800609  |
| a4 | O-ring 9 x 2.5 EPDM/P .....  | 1 | 1001263 |

|          |                                     |          |                |
|----------|-------------------------------------|----------|----------------|
| <b>B</b> | <b>vent valve sdb GALa 1/4" PPE</b> | <b>1</b> | <b>1001063</b> |
|----------|-------------------------------------|----------|----------------|

|    |                                         |   |         |
|----|-----------------------------------------|---|---------|
| b1 | vent body sdb GALa 1/4" PP .....        | 1 | 1001039 |
| b2 | valve insert 4.7-1 PP .....             | 1 | 791872  |
| b3 | valve ball 4.7mm Ceramic .....          | 2 | 404201  |
| b4 | ball seat 3 x 9.5 EPDM/P .....          | 1 | 1001233 |
| b5 | distance sleeve sdb PP .....            | 1 | 1001043 |
| b6 | ball seat disc 8.95 x 2.1 Ceramic ..... | 2 | 1001589 |
| b7 | valve insert sdb PVDF .....             | 1 | 791839  |
| b8 | sealing gasket 18 x 2.5 EPDM/P .....    | 1 | 1001232 |

|          |                                    |          |                |
|----------|------------------------------------|----------|----------------|
| <b>C</b> | <b>suction valve GALa 1/2" PPE</b> | <b>1</b> | <b>1001437</b> |
|----------|------------------------------------|----------|----------------|

|     |                                       |   |         |
|-----|---------------------------------------|---|---------|
| c1  | O-ring 14 x 2 EPDM/P .....            | 1 | 1001264 |
| c2  | valve insert 9.2-2 (top) PP .....     | 1 | 1000489 |
| c3  | valve ball 9.2mm Ceramic .....        | 2 | 404281  |
| c4  | ball seat disc PP .....               | 2 | 140754  |
| c5  | O-ring 7.65 x 1.78 EPDM/P .....       | 2 | 1001262 |
| c6  | O-ring 9 x 2.5 EPDM/P .....           | 1 | 1001263 |
| c7  | valve insert 9.2-2 (lower) PP .....   | 1 | 1000491 |
| c8  | valve lid 9.2-2 PP .....              | 1 | 1000493 |
| c9  | sealing gasket 14 x 1.5 EPDM/P .....  | 1 | 1001231 |
| c10 | suction valve body GALa 1/2" PP ..... | 1 | 1000497 |

|          |                                     |          |                |
|----------|-------------------------------------|----------|----------------|
| <b>D</b> | <b>dis. valve GALa sdb 1/2" PPE</b> | <b>1</b> | <b>1001071</b> |
|----------|-------------------------------------|----------|----------------|

|    |                                        |   |         |
|----|----------------------------------------|---|---------|
| d1 | O-ring 14 x 2 EPDM/P .....             | 1 | 1001264 |
| d2 | valve lid 9.2-2 PP .....               | 1 | 1000493 |
| d3 | O-ring 7.65 x 1.78 EPDM/P .....        | 1 | 1001262 |
| d4 | ball seat disc PP .....                | 1 | 140754  |
| d5 | valve ball 9.2mm Ceramic .....         | 1 | 404281  |
| d6 | valve spring Hast. .....               | 1 | 469404  |
| d7 | valve insert sdb (dis.) 9.2-2 PP ..... | 1 | 1000489 |
| d8 | dis. body sdb GALa 1/2" PP .....       | 1 | 1001037 |

|          |                                    |            |               |
|----------|------------------------------------|------------|---------------|
| <b>E</b> | <b>connect. set 1/2" sing. PPE</b> | <b>**2</b> | <b>817162</b> |
|----------|------------------------------------|------------|---------------|

|    |                              |   |         |
|----|------------------------------|---|---------|
| e1 | union nut M20 x 1.5 PP ..... | 1 | 800608  |
| e2 | clamp ring 1/2" ferule ..... | 1 | 800715  |
| e3 | tube nozzle 3/8" PP .....    | 1 | 800612  |
| e4 | O-ring 9 x 2.5 EPDM/P .....  | 1 | 1001263 |

\*\* sdb sp. parts kits ship with single connector sets.  
Quantities reflect # of components in *each* set.

|                                       |          |                |
|---------------------------------------|----------|----------------|
| <b>Spare Parts Set 0420-2 sdb PPE</b> | <b>1</b> | <b>1001761</b> |
|---------------------------------------|----------|----------------|

|    |                                         |   |         |
|----|-----------------------------------------|---|---------|
| A  | connect. set 1/4" sing. PPE .....       | 1 | 817160  |
| B  | vent valve sdb GALa 1/4" PPE .....      | 1 | 1001063 |
| C  | suction valve GALa 1/2" PPE .....       | 1 | 1001437 |
| D  | discharge valve GALa sdb 1/2" PPE ..... | 1 | 1001071 |
| E  | connect. set 1/2" sing. PPE .....       | 2 | 817162  |
| 2  | diaphragm 770 x 33.5 .....              | 1 | 1000250 |
| b3 | valve ball 4.7mm Ceramic .....          | 1 | 404201  |
| b4 | ball seat 3 x 9.5 EPDM/P .....          | 1 | 1001233 |
| b8 | sealing gasket 18 x 2.5 EPDM/P .....    | 1 | 1001232 |
| c1 | O-ring 14 x 2 EPDM/P .....              | 2 | 1001264 |
| c3 | valve ball 9.2mm Ceramic .....          | 3 | 404281  |
| c5 | O-ring 7.65 x 1.78 EPDM/P .....         | 2 | 1001262 |
| c6 | O-ring 9 x 2.5 EPDM/P .....             | 1 | 1001263 |
| c9 | sealing gasket 14 x 1.5 EPDM/P .....    | 1 | 1001231 |

#GALA2PPE9-12/99