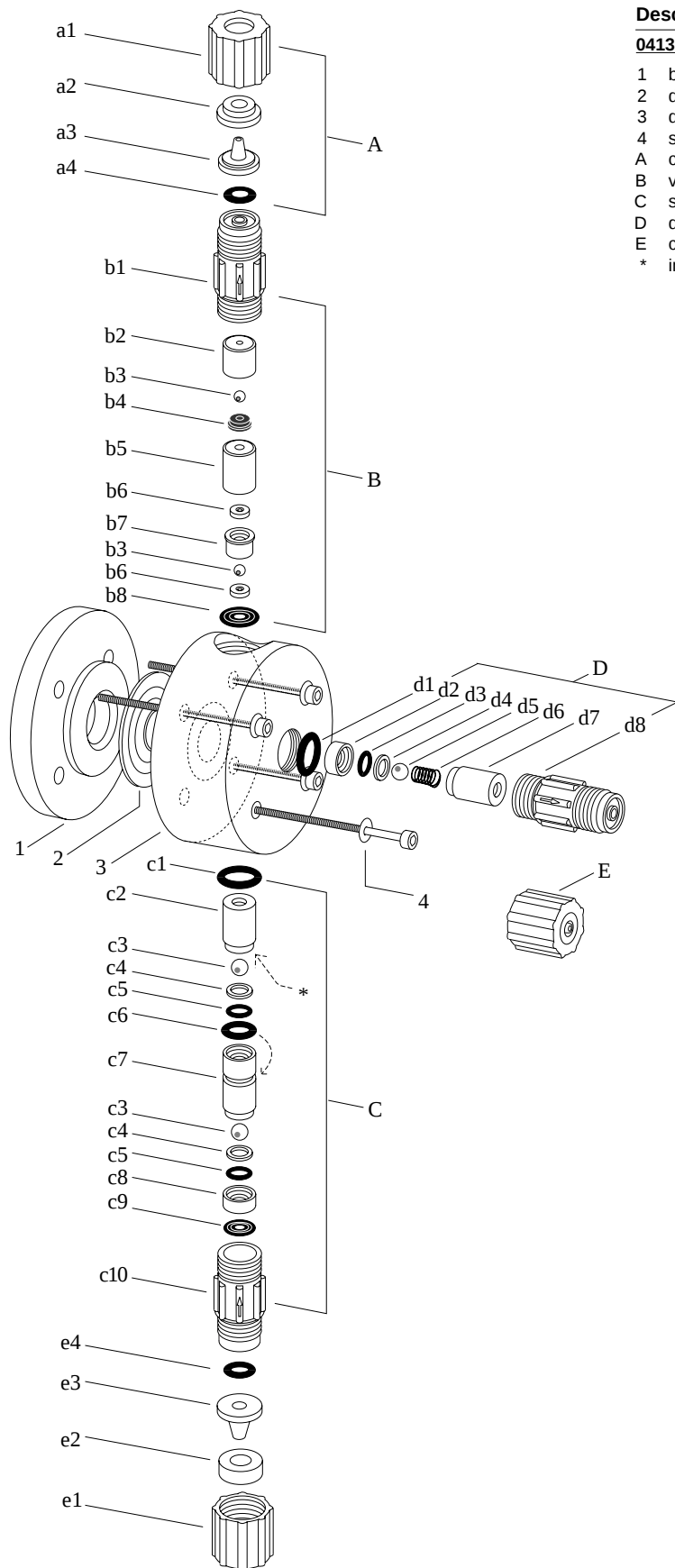


## EXPLODED VIEW



| Description | Qty. | Part No. |
|-------------|------|----------|
|-------------|------|----------|

**0413-2 NPB9 liquid end complete**

|   |                                         |   |         |
|---|-----------------------------------------|---|---------|
| 1 | backplate B0413 90 x 37-2 .....         | 1 | 1000265 |
| 2 | diaphragm 55.0 x 26.0 .....             | 1 | 1000249 |
| 3 | dosing head 90 x 37-2 NP9 .....         | 1 | 1001090 |
| 4 | screw M5 x 55 & washer .....            | 4 | 1000268 |
| A | connect. set 1/4" sing. PCB .....       | 1 | 817065  |
| B | vent valve sdb GALa 1/4" PCB .....      | 1 | 1001060 |
| C | suction valve GALa 1/2" PCB .....       | 1 | 1001434 |
| D | discharge valve GALa sdb 1/2" PCB ..... | 1 | 1001068 |
| E | connect. set 1/2" sing. PCB .....       | 2 | 817067  |

\* indicates location of spring if needed

**A connect. set 1/4" sing. PCB 1 817065**

|    |                               |   |        |
|----|-------------------------------|---|--------|
| a1 | union nut M20 x 1.5 PVC ..... | 1 | 800518 |
| a2 | clamp ring 1/4" ferule .....  | 1 | 800712 |
| a3 | tube nozzle 3/16" PVC .....   | 1 | 800520 |
| a4 | O-ring 9 x 2.5 FPM-B .....    | 1 | 791421 |

**B vent valve sdb GALa 1/4" PCB 1 1001060**

|    |                                         |   |         |
|----|-----------------------------------------|---|---------|
| b1 | vent body sdb GALa 1/4" PVC .....       | 1 | 1001038 |
| b2 | valve insert 4.7-1 PVC .....            | 1 | 791090  |
| b3 | valve ball 4.7mm Ceramic .....          | 2 | 404201  |
| b4 | ball seat 3 x 9.5 FPM-B .....           | 1 | 792759  |
| b5 | distance sleeve sdb PVC .....           | 1 | 1001042 |
| 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 FPM-B .....     | 1 | 791051  |

**C suction valve GALa 1/2" PCB 1 1001434**

|     |                                        |   |         |
|-----|----------------------------------------|---|---------|
| c1  | O-ring 14 x 2 FPM-B .....              | 1 | 791628  |
| c2  | valve insert 9.2-2 (top) PVC .....     | 1 | 1000490 |
| c3  | valve ball 9.2mm Ceramic .....         | 2 | 404281  |
| c4  | ball seat disc PVC .....               | 2 | 140554  |
| c5  | O-ring 7.65 x 1.78 FPM-B .....         | 2 | 791110  |
| c6  | O-ring 9 x 2.5 FPM-B .....             | 1 | 791421  |
| c7  | valve insert 9.2-2 (lower) PVC .....   | 1 | 1000492 |
| c8  | valve lid 9.2-2 PVC .....              | 1 | 1000494 |
| c9  | sealing gasket 14 x 1.5 FPM-B .....    | 1 | 1000496 |
| c10 | suction valve body GALa 1/2" PVC ..... | 1 | 1000498 |

**D dis. valve GALa sdb 1/2" PCB 1 1001068**

|    |                                         |   |         |
|----|-----------------------------------------|---|---------|
| d1 | O-ring 14 x 2 FPM-B .....               | 1 | 791628  |
| d2 | valve lid 9.2-2 PVC .....               | 1 | 1000494 |
| d3 | O-ring 7.65 x 1.78 FPM-B .....          | 1 | 791110  |
| d4 | ball seat disc PVC .....                | 1 | 140554  |
| d5 | valve ball 9.2mm Ceramic .....          | 1 | 404281  |
| d6 | valve spring Hast. .....                | 1 | 469404  |
| d7 | valve insert sdb (dis.) 9.2-2 PVC ..... | 1 | 1000490 |
| d8 | dis. body sdb GALa 1/2" PVC .....       | 1 | 1001036 |

**E connect. set 1/2" sing. PCB \*\*2 817067**

|    |                               |   |        |
|----|-------------------------------|---|--------|
| e1 | union nut M20 x 1.5 PVC ..... | 1 | 800518 |
| e2 | clamp ring 1/2" ferule .....  | 1 | 800715 |
| e3 | tube nozzle 3/8" PVC .....    | 1 | 800523 |
| e4 | O-ring 9 x 2.5 FPM-B .....    | 1 | 791421 |

\*\* sdb sp. parts kits ship with single connector sets.

Quantities reflect # of components in *each* set.**Spare Parts Set 0413-2 sdb PCB 1 1001670**

|    |                                         |   |         |
|----|-----------------------------------------|---|---------|
| A  | connect. set 1/4" sing. PCB .....       | 1 | 817065  |
| B  | vent valve sdb GALa 1/4" PCB .....      | 1 | 1001060 |
| C  | suction valve GALa 1/2" PCB .....       | 1 | 1001434 |
| D  | discharge valve GALa sdb 1/2" PCB ..... | 1 | 1001068 |
| E  | connect. set 1/2" sing. PCB .....       | 2 | 817067  |
| 2  | diaphragm 55.0 x 26.0 .....             | 1 | 1000249 |
| b3 | valve ball 4.7mm Ceramic .....          | 1 | 404201  |
| b4 | ball seat 3 x 9.5 FPM-B .....           | 1 | 792759  |
| b8 | sealing gasket 18 x 2.5 FPM-B .....     | 1 | 791051  |
| c1 | O-ring 14 x 2 FPM-B .....               | 2 | 791628  |
| c3 | valve ball 9.2mm Ceramic .....          | 3 | 404281  |
| c5 | O-ring 7.65 x 1.78 FPM-B .....          | 2 | 791110  |
| c6 | O-ring 9 x 2.5 FPM-B .....              | 1 | 791421  |
| c9 | sealing gasket 14 x 1.5 FPM-B .....     | 1 | 1000496 |

#GALA1NPB9-12/99