

1.4 Housing UP100K4 (integrated valves + external manifolds)

1.4.1 Main specification

UP100K4G2-01

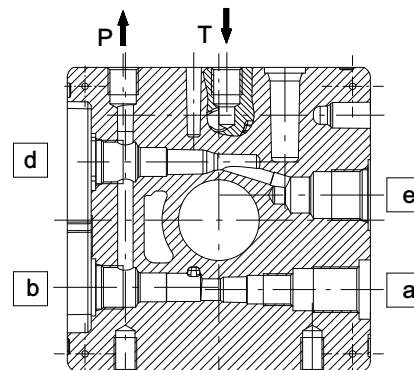
Cavity **a** = M20X1.5 (relief valve cavity)

Cavity **b** = 3/4"-16 UNF (check valve cavity)

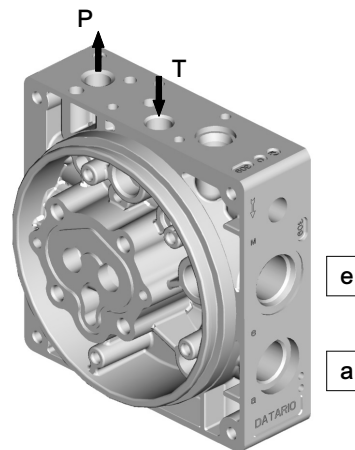
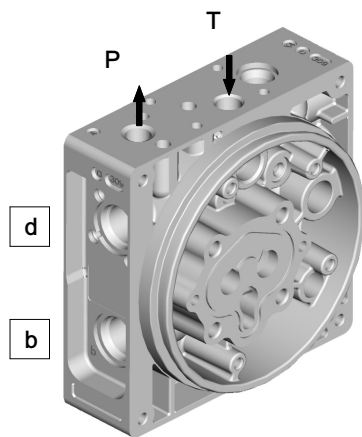
Cavity **d** = 3/4"-16 UNF (directional valve cavity)

Cavity **e** = 7/8"-14 UNF (flow regulator cavity)

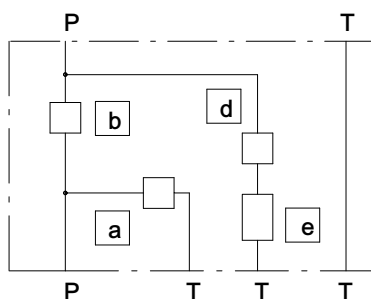
- **P** = Threaded pressure port
- **T** = Threaded return port



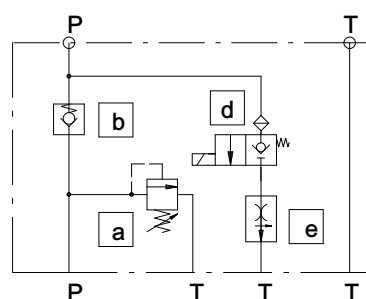
Cavities identification



Basic circuit UP100K4G2-01



Example of standard circuit UP100K4G2-01



UP100K4P0-01

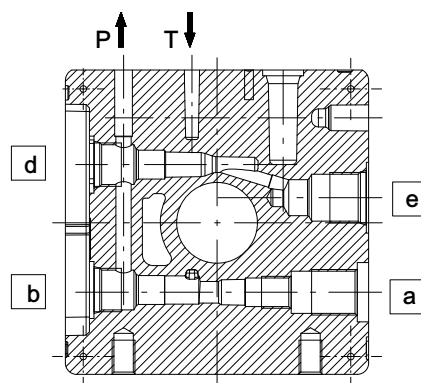
Cavity **a** = M20X1.5 (relief valve cavity)

Cavity **b** = 3/4"-16 UNF (check valve cavity)

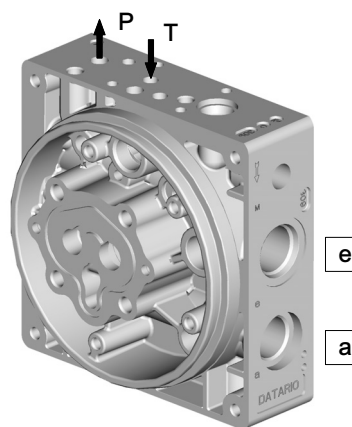
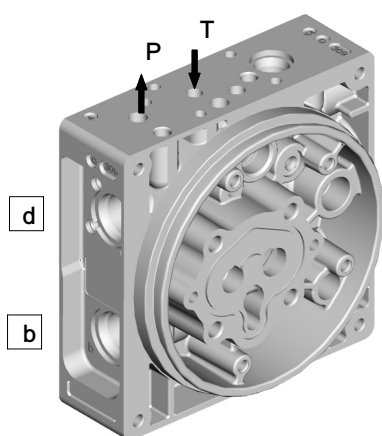
Cavity **d** = 3/4"-16 UNF (directional valve cavity)

Cavity **e** = 7/8"-14 UNF (flow regulator cavity)

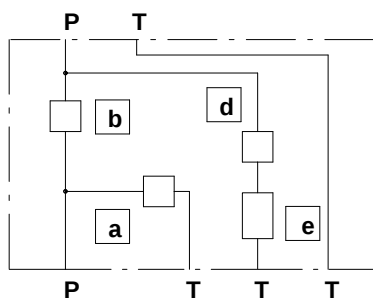
- **P** = Pressure line for manifolds
- **T** = Return line for manifolds



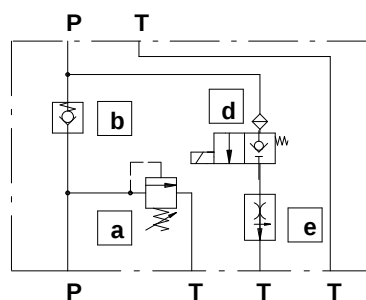
Cavities identification



Basic circuit



Example of standard circuit



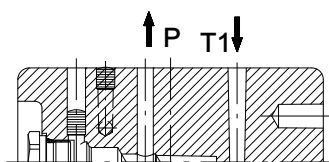
UP100K4D0-01 / UP100K4D0-02

Cavity **a** = M20X1.5 (relief valve cavity)

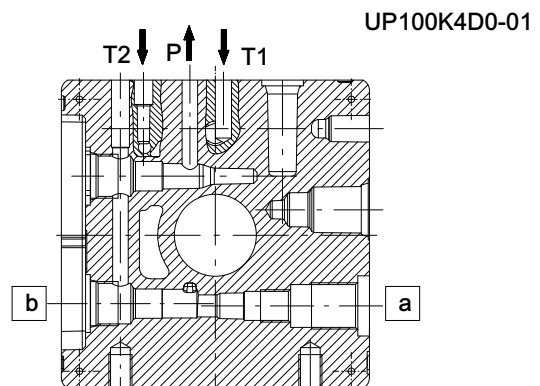
Cavity **b** = 3/4"-16 UNF (check valve cavity)

- **P** = Pressure line for directional valves
- **T1** = Return line for directional valves
- **T2** = Secondary return line T2 for directional valves*
(Plugged in UP100/K4D002 version)

* for directional valves see section 9



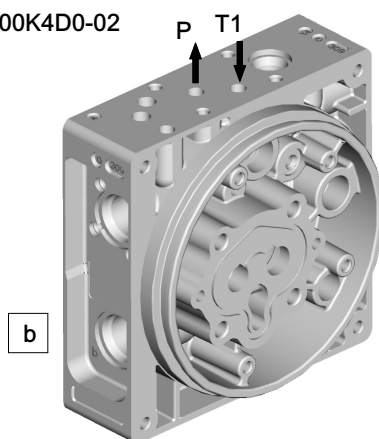
UP100K4D0-02



UP100K4D0-01

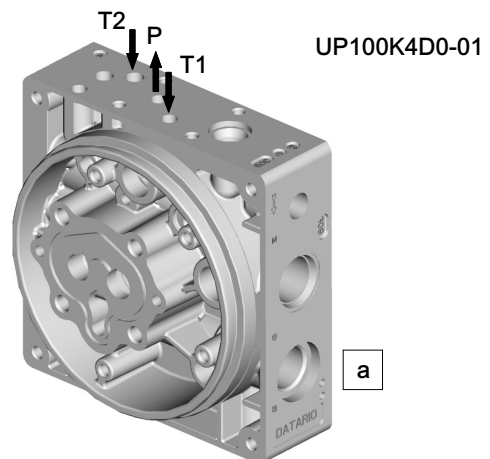
Cavities identification

UP100K4D0-02



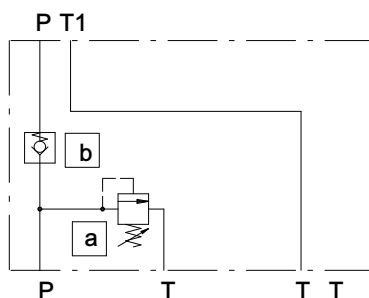
b

UP100K4D0-01

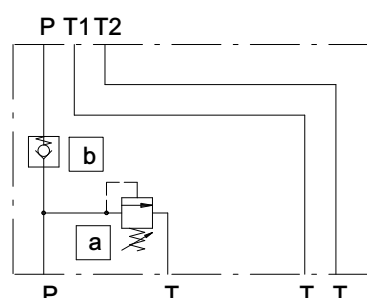


UP100K4D0-01

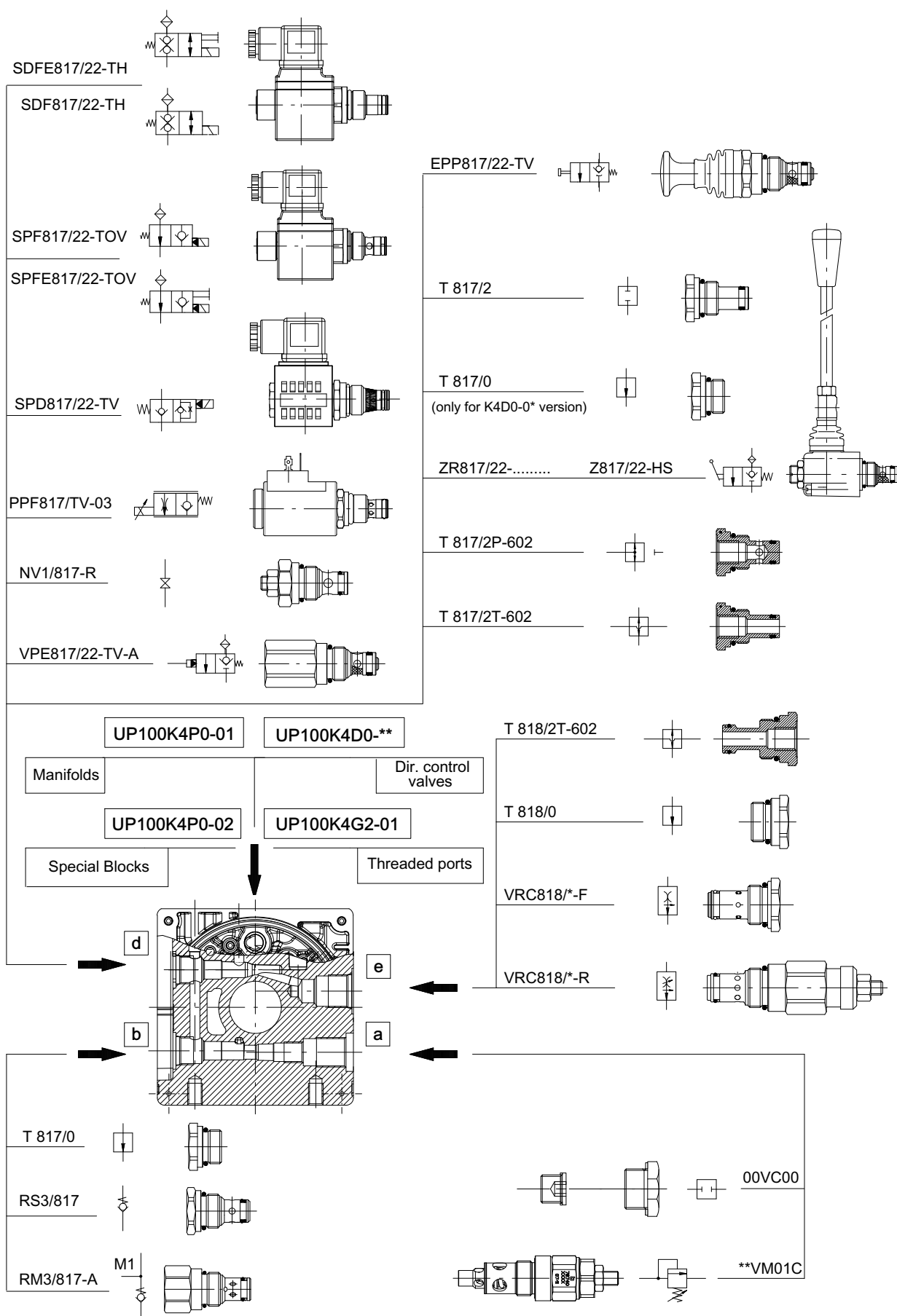
Example of standard circuit
UP100K4D0-02



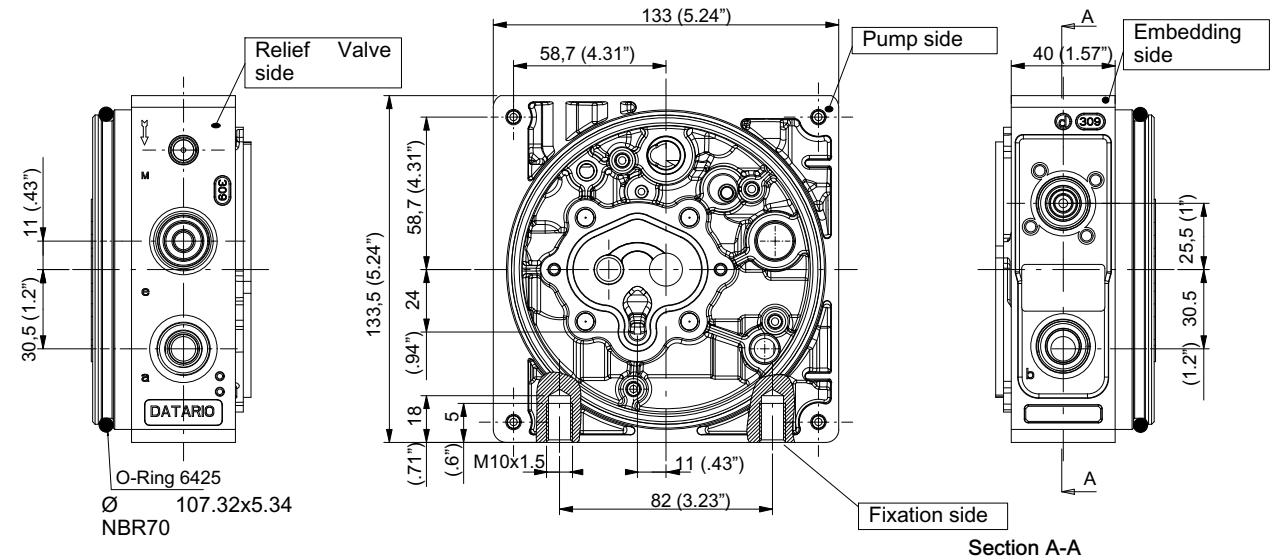
Example of standard circuit
UP100K4D0-01



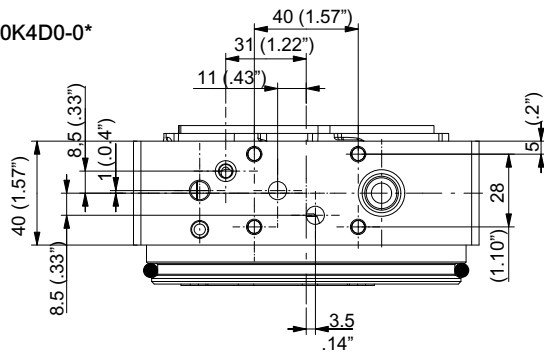
1.4.2 Components accepted by the single cavities



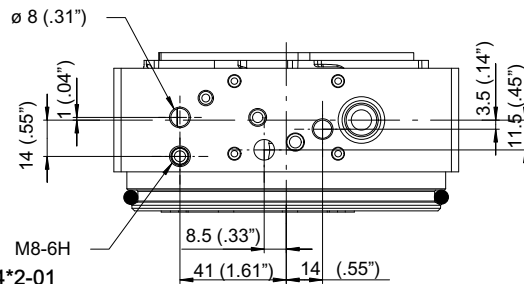
1.4.3 Dimensions



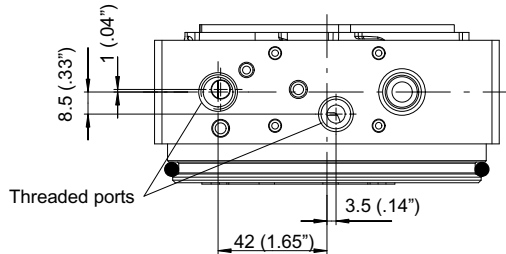
UP100K4D0-0*



UP100K4P0-01



UP100K4*2-01



Type	For directional control valves
UP100K4D0-01	Plates 4270-4280 for HDS11-HDS07
UP100K4D0-02	HD105-HD106

Type	For manifolds
UP100K4P0-01	Section 8 of catalogue

Type	Port P/T
UP100K4G2-01	1/4" BSP
UP100K4M2-01	M14X1.5
UP100K4S2-01	SAE6

Example

1	Type of housing	Vers.
1	U P 1 0 0 K 4 P 0 - 0 1	