

UNIVERSAL CENTRAL MANIFOLDS

A single **universal die-cast aluminium central manifold** in four different executions is the core part of all power units for all industrial, mobile and marine applications. It features the **highest integration and flexibility** on the market, with up to **nine devices** which can be fitted in the cavities plus a wide selection of manifold blocks and valves which can be attached externally

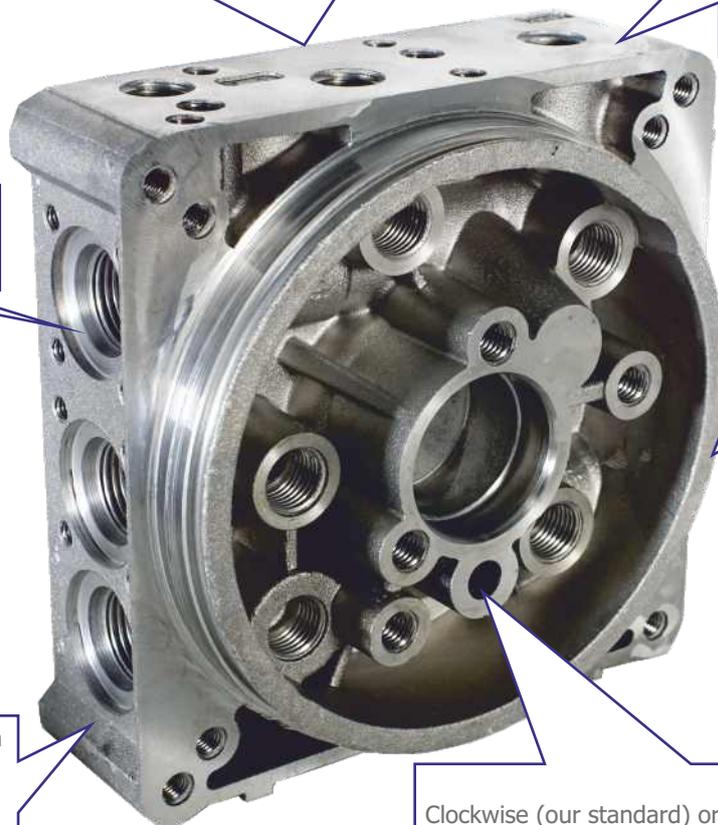
The **interface** to hose fittings or external additional manifolds is **standardised**. The P and T ports are **1/4" BSPP** threaded (International standard) or **9/16-18UNF** (SAE06 - American standard) for direct connection of hose fittings.

Lateral cavities are conform to **SAE08 standard** (3/4-16UNF)

The **interfaces** to tanks and motors are **standardised**. All plastic and steel tanks have the same interface and can be easily interchanged. All AC or DC motors can be fitted easily either directly to the central manifold or through adaptor flanges (B14 IEC or NEMA 56C and 184TC standard motors)

Maximum flow is **25 l/min** (6,5 GPM), with a **low pressure drop**. Maximum motor power is 7,5kW, well above the average of other alternative products on the market

Clockwise (our standard) or counterclockwise tang drive shaft **standard gear pumps** can be mounted. **Double pumps**, including those with an integral **HI-LO circuit**, and **low noise helicoidal gear pumps** are also available



Q & A

Which universal central manifold execution should I choose?

UA type is the most widely applied for single acting or double acting circuits. UB is the real «Universal» central manifold since, in addition to UA type features, there are two extra lateral cavities to mount, for example, an integrated emergency hand pump and an externally adjustable flow control. U4 is recommended for compact and cost effective double acting circuits with a single cylinder, while UR is for bidirectional pumps.

Do I need special tools to assemble the components within the central manifold?

No. All the valves are screw-in type in a single piece construction (no loose nuts, washers, springs; nothing difficult to assemble or fall apart). The components can be easily assembled with simple hand tools and hexagon or Allen wrenches.

Is the central manifold available as a loose component?

Yes. We can supply either fully assembled and tested power packs or kits of loose components which can be kept in stock by our worldwide distributors and easily assembled to satisfy local market demand quickly and effectively. Central manifolds and other components are 100% tested even when supplied as loose parts.