

ENGINEERING
TOMORROW

Danfoss

MP1 Closed Circuit Axial Piston Pumps

Maximize performance, efficiency, and profit

Right-sized fit for your application

The Danfoss MP1 is engineered to give manufacturers a modular pump solution flexible enough to fit hundreds of applications in an easily integrated package.

The modular advantage

MP1's best-in-class modularity offers built-in flexibility through common platforms and components. Easy and quick convertibility means less overhead and the ability to win profitable market share. Market-relevant shaft, control, and charge pump options, to name a few, ensure that the right solution is in place when needed.

The Danfoss MP1 solution model

Tools, documentation, modeling, and software along with expert system knowledge, available when needed, mean you get quicker access. Quicker access to information means quicker return on development investment and market share growth.

Clean side & short length

Less is more when space is a premium in the engine compartment. So unlike competing pumps, which have a valve on the "clean side," the MP1 is designed with a true clean side (no customer interface) and offers an integrated loop flush (28/32 cm³ only) providing greater flexibility in component placement. This gives the MP1 one of the shortest component lengths in its class.

Efficiency

Industry-leading rotating kit technology ensures your machine operates at its maximum potential efficiency, lowering total cost of ownership.

Precision

The patent-pending servo guide rod along with durable tapered roller swashplate bearings provides low vibration and precise machine control. This allows for reliable, predictable, and safe machine operation.

To learn more about complete hydraulic system solutions, contact your Danfoss representative or visit powersolutions.danfoss.com