

MHPS

Manual Hand Pump System

A1

Application:

The MHPS is designed for manual and stand-alone-operation of a Danfoss hydraulic double-acting actuator.

Basic Design:

The system is designed for operation of valves by means of hydraulic power.
 The system is flexible in combination as it is based on Cetop-R35H, size 3, DIN 24340 module components, and in the way the MHPS can be placed relatively to the actuator.
 The MHPS is pressure and temperature compensated, as standard option.

Note: Only to be used on double-acting actuators with equal oil displacement in the opening and closing stroke.

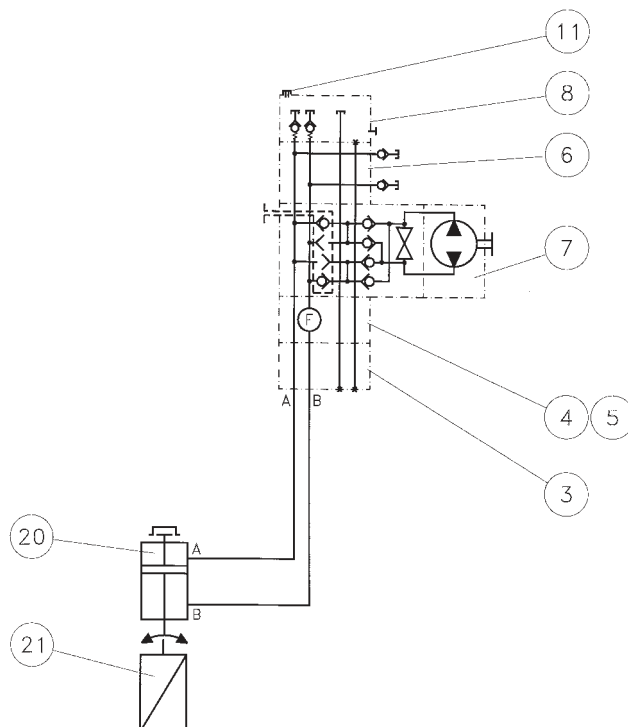


Technical Data:

Oil tank capacity max.....: 150 cm³.
 Oil displacement / double handle stroke.....: 14 cm³.
 Oil viscosity range: 15 - 300 cSt.
 Temperature range: -20°C to 80°C.

Max. system operating pressure.....: 210 bar
 Max. system test pressure.....: 315 bar

Hydraulic diagram:



Parts list ref. hydraulic diagram and dimensional drawing.

Item No.	Description	Material
1	Mounting Sub Plate Cetop-3	MS 58
2	Nut M5	AISI 304
3	Screw M5*25	AISI 304
4	Valve Position Indicator VPI	MS 58 / AISI 304
5	Neutral Block for VPI	MS 58
6	Bleeding Block	MS 58
7	Hydraulic Hand Pump DHP/HPC	MS 58 / AISI 304
8	Hydraulic Oil Tank	MS 58
9	Pin bolt M5*100, M5*145	AISI 304
10	Nut M5	AISI 304
11	Air Vent Valve	-
20	Hydraulic Actuator	-
21	Valve	-

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Main Dimensions:

