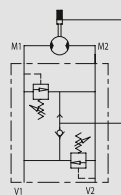


Schockventil - flanschbar für Danfoss Motoren OMP/OMR

TYPE
VAU OMP/OMR



HYDRAULIC DIAGRAM (with brake unclaping)



DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMP/OMR

USE AND OPERATION:

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in 1 port of the actuator (single acting) in the 2 ports of an actuator/hydraulic motor (double acting). It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. Direct flange is ideal for Danfoss motors type OMP-OMR and provides a maximum safety, very low pressure drops and solid installation.

MATERIALS AND FEATURES:

Body: zinc-plated steel
Internal parts: hardened and ground steel.
Seals: BUNA N standard
Poppet type: minor leakage

APPLICATIONS:

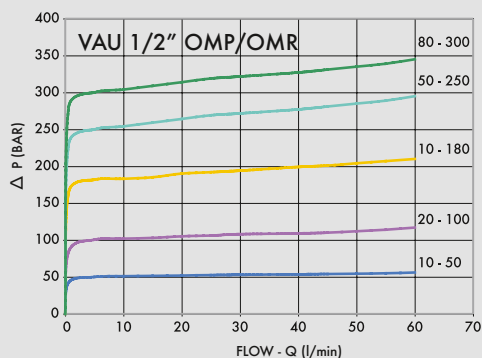
Flange M1 and M2 directly to the motor and connect ports V1 and V2 to pressure flow.

ON REQUEST

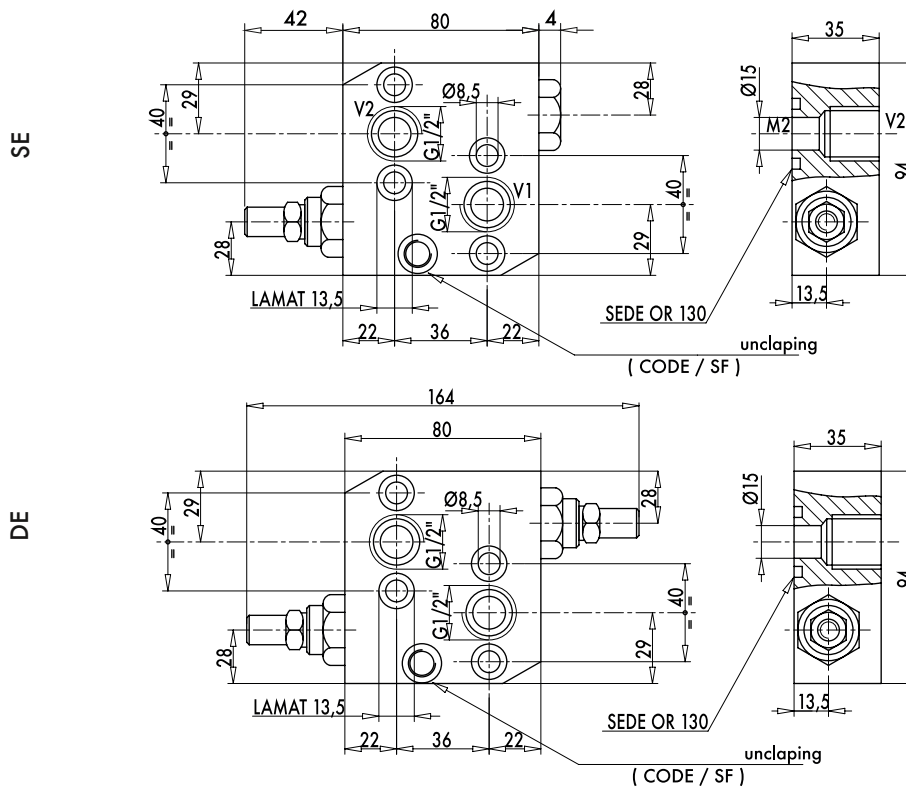
- different setting range (see the table)
- other setting available (CODE/T000 please specify the desired setting)

Oil temperature: 50° C - Oil viscosity: 30 cSt

PRESSURE / FLOW



CODE	TYPE	MAX FLOW Lt. / min
V0499	VAU 1/2" SE OMP/OMR	60
V0499/SF	VAU 1/2" SE OMP/OMR SF	60
V0500	VAU 1/2" DE OMP/OMR	60
V0500/SF	VAU 1/2" DE OMP/OMR SF	60



CODE	TYPE	V1 - V2 GAS	WEIGHT Kg
V0499	VAU 1/2" SE OMP/OMR	G 1/2"	1,680
V0499/SF	VAU 1/2" SE OMP/OMR SF	G 1/2"	1,680
V0500	VAU 1/2" DE OMP/OMR	G 1/2"	1,752
V0500/SF	VAU 1/2" DE OMP/OMR SF	G 1/2"	1,752

SPRINGS

Setting range (bar)	Pressure increase (bar/turn) Q= 4l/min	Standard setting (bar)
10 - 50*	7	30
20 - 100	12	75
10 - 180 standard	30	90
50 - 250	45	130
80 - 300	50	150

ADJUSTEMENT

CODE/V	• Handknob
CODE/PP	• Arranged for sealing cap
CODE/PP	• Sealing cap

* For setting less than 70 Bar: Q = 12 l/min