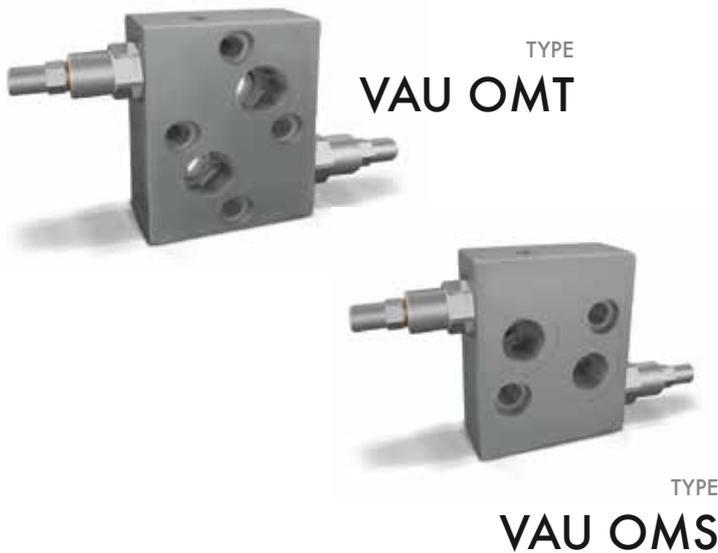


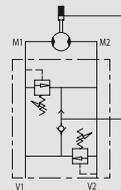
## Schockventil - flanschbar für Danfoss Motoren OMS/OMT



TYPE  
**VAU OMT**

TYPE  
**VAU OMS**

HYDRAULIC DIAGRAM (with brake unclapping)



## DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMS/OMT

### 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 OMS and OMT providing 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

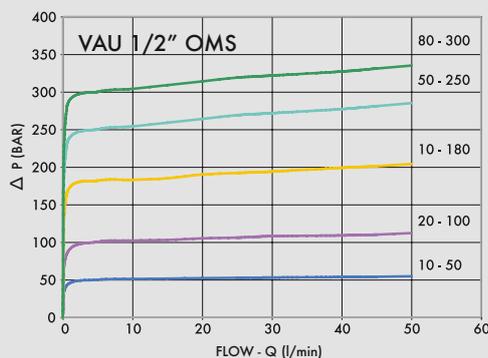
### APPLICATIONS:

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

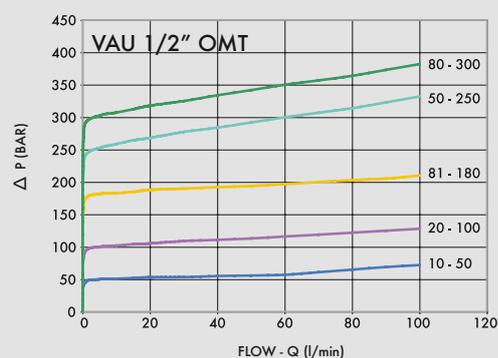
### ON REQUEST

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

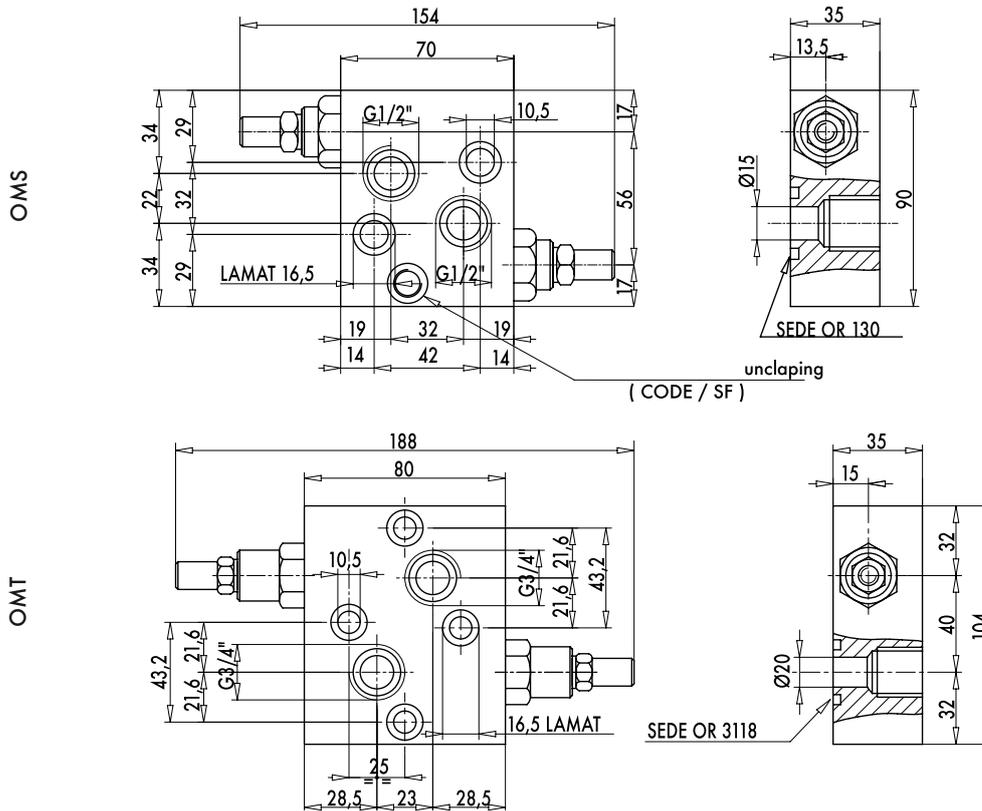
PRESSURE / FLOW



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



CODE	TYPE	MAX FLOW Lt. / min
<b>V0490</b>	VAU 1/2" OMS	50
<b>V0490/SF</b>	VAU 1/2" OMS SF	50
<b>V0505</b>	VAU 3/4" OMT	100



5

CODE	TYPE	V1 - V2 GAS	WEIGHT Kg
<b>V0490</b>	VAU 1/2" OMS	G 1/2"	1,326
<b>V0490/SF</b>	VAU 1/2" OMS SF	G 1/2"	1,326
<b>V0505</b>	VAU 3/4" OMT	G 3/4"	1,920

**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

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

**ADJUSTEMENT**

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