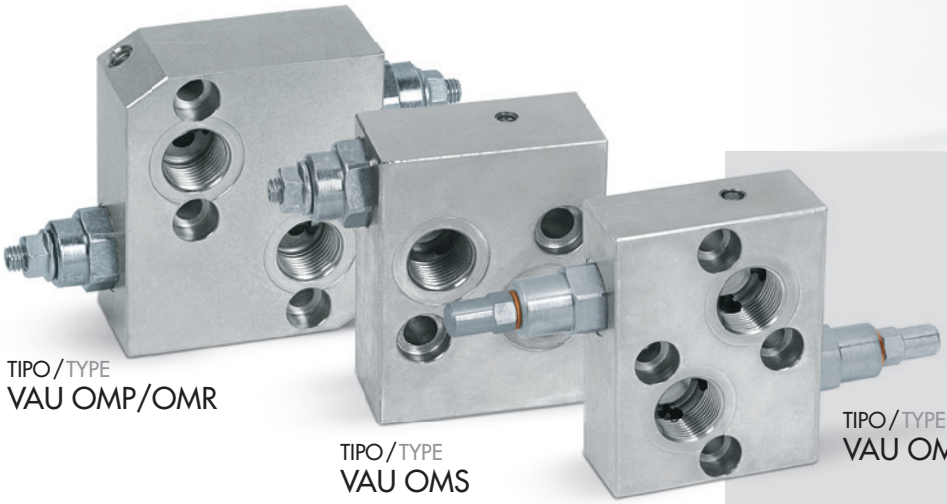
5.4 - VALVOLE ANTIURTO FLANGIABILI SU MOTORI DANFOSS SERIE OMS – OMP/OMR - OMT

5.4 - DUAL CROSS RELIEF VALVE FLANGEABLE ON DANFOSS MOTORS OMS – OMP/OMR - OMT

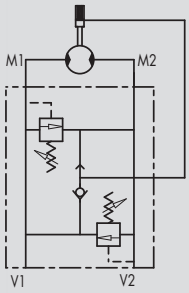


TIPO / TYPE
VAU OMP/OMR

TIPO / TYPE
VAU OMS

TIPO / TYPE
VAU OMT

SCHEMA IDRAULICO
(con sbloccafreno)
HYDRAULIC DIAGRAM
(with brake unclaping)



IMPIEGO:
Costituite da due valvole di massima pressione con scarico incrociato, sono utilizzate per limitare la pressione in entrambi i rami di un attuatore o motore idraulico ad un determinato valore di taratura. Trovano il miglior impiego sia come valvole antishock sia per regolare i due rami di un circuito idraulico a diversi valore di pressione. La flangiatura diretta, adatta per motori Danfoss della serie OMS, OMP-OMR e OMT, garantisce la massima sicurezza, minime perdite di carico e compattezza d'installazione.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato
Componenti interni: acciaio temprato termicamente e rettificato
Guarnizioni: BUNA N standard
Tenuta: a cono guidato. Trafilamento trascurabile

MONTAGGIO:
Flangiare M1 e M2 al motore e collegare le bocche V1 e V2 all'alimentazione.

A RICHIESTA:
- Molle per diversi campi di taratura (vedi tabella)
- Pressione di taratura diversa da quella standard (CODICE/T specificando il valore di taratura)
- Versione semplice effetto, con una sola valvola di massima (CODICE/SE)
- Valvola con sbloccafreno (CODICE/SF)

USE AND OPERATION
Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. 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, OMP-OMR and OMT and provides a maximum safety, very low pressure drops and solid installation.

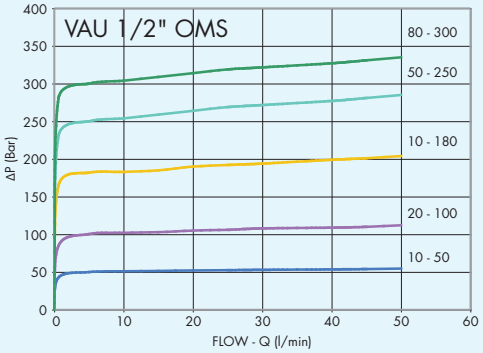
MATERIALS AND FEATURES:
Body: zinc-plated steel
Internal parts: hardened and ground steel.
Seals: BUNA N standard
Poppet type: minor leakage

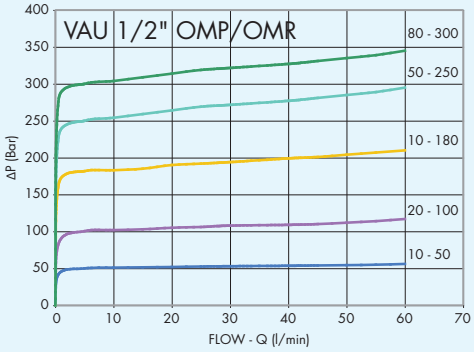
APPLICATIONS:
Flange M1 and M2 directly to the motor and connect ports V1 and V2 to pressure flow.

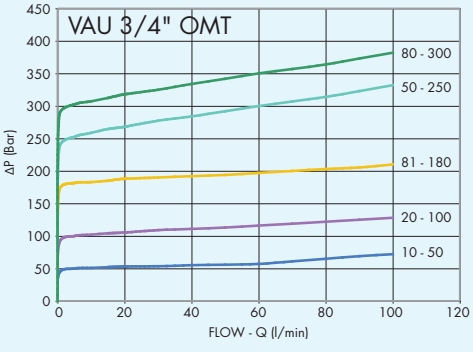
ON REQUEST:
- different setting range (see the table)
- other setting available (CODE/T: please specify the desired setting)
- single acting with just 1 relief valve available (CODE/ SE)
- brake unclaping (CODE/ SF)

PRESSIONE/PORTATA
PRESSURE/FLOW

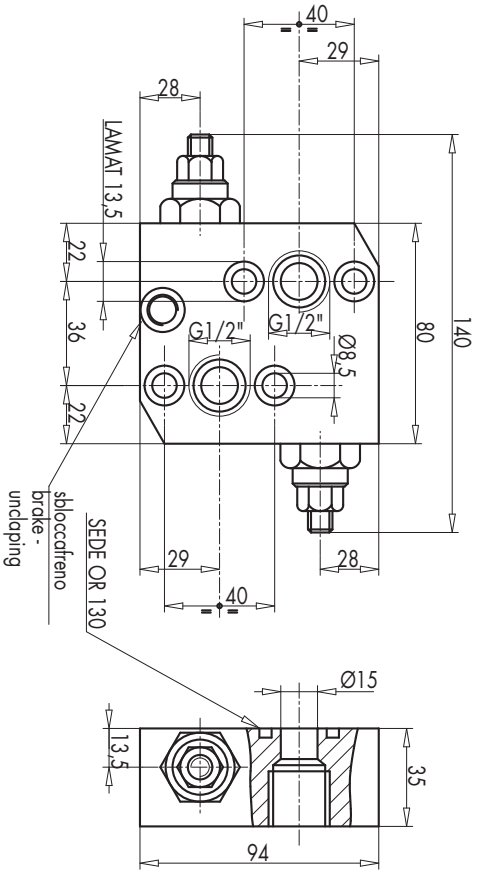
Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50°C - Oil viscosity: 30 cSt

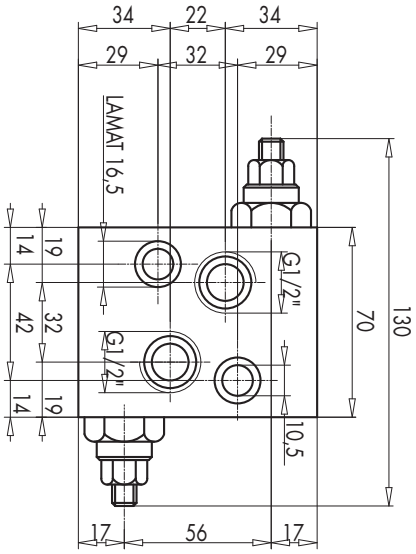


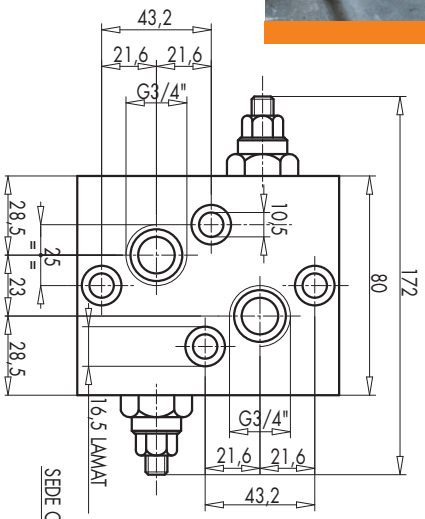


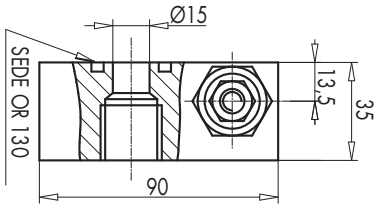


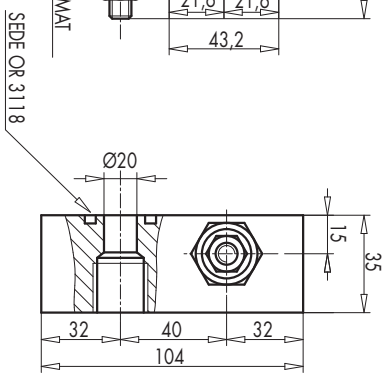
CODICE CODE	SIGLA TYPE	PORTATA MAX MAX FLOW Lt./min
V0490	VAU ½" OMS	50
V0500	VAU ½" OMP/OMR	60
V0505	VAU ¾" OMT	100











VAU OMP/OMR

VAU OMS

VAU OMT

CODICE CODE	SIGLA TYPE	V1 – V2 GAS	PESO WEIGHT Kg
V0490	VAU ½" OMS	G ½"	1,326
V0500	VAU ½" OMP/OMR	G ½"	1,752
V0505	VAU ¾" OMT	G ¾"	1,920

MOLLE • SPRINGS

Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q = 4 l/min	Taratura standard Standard setting (bar)
10 – 50*	7	30
20 – 100	12	75
10 – 180 STANDARD	30	90
50 – 250	45	130
80 – 300	50	150

*Per tarature inferiori a 70 Bar: Q = 12 l/min *For setting less than 70 Bar: Q = 12 l/min

REGOLAZIONE - ADJUSTEMENT

CODICE/V • CODE/V	Volantino Handknob
CODICE/PP • CODE/PP	Predisposizione alla piombatura Arranged for sealing cap
CODICE/P • CODE/P	Piombatura Sealing cap