

Oleodinamica Marchesini V0648/180 three-port sequence valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V0648/180
Published model: V0648/180

About this compilation

Prepared by Hydmaster from selected manufacturer documentation. Original technical pages follow without cropped drawings, rewritten data or altered units. This cover and index are Hydmaster editorial material, not a manufacturer-issued exact-execution datasheet.

Coverage: selected pages relevant to the identified size and configuration. Other options or neighbouring models retained on an original page apply only where explicitly identified.

Execution notes and conditions

Actual full supplier row + primary exact size/range and CODE/V or CODE/PP legend; no generated combinations, presets or option-specific envelope/mass.

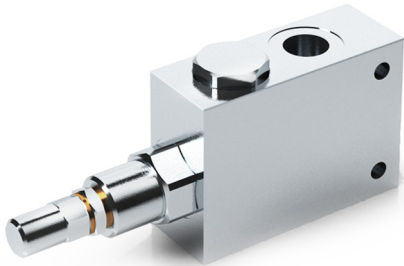
Source-page index

Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

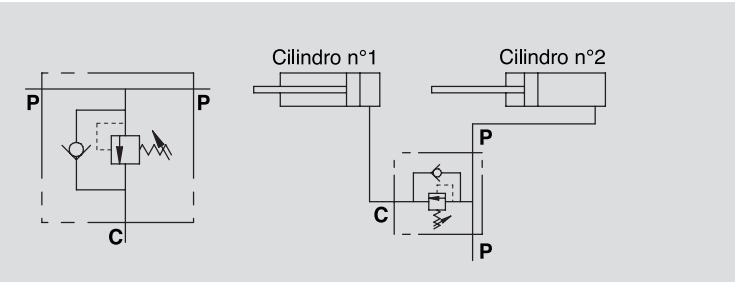
Source A: Oleodinamica Marchesini VS2C - 3V exact execution reference

Original pages	Compiled pages	Relevant content
1	2	Original size row and actual spring/adjustment legend, hydraulic circuit and installation drawing

VALVOLE DI SEQUENZA AD AZIONE DIRETTA A 3 VIE
DIRECT ACTING SEQUENCE VALVES



SCHEMA IDRAULICO
APPLICATION CIRCUIT



IMPIEGO:
Valvola utilizzata principalmente per far funzionare in sequenza due cilindri: al raggiungimento di un determinato valore di taratura, la valvola si apre e va ad alimentare un secondo attuatore. La valvola di ritegno permette il libero passaggio del flusso nella direzione opposta. È indicata in impianti dove la pressione sull'attuatore secondario sia limitata, in quanto le pressioni si sommano.

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

MONTAGGIO:
Collegare C al cilindro, P all'alimentazione ed al fondello del secondo cilindro.
Per l'impiego con due attuatori seguire le indicazioni di montaggio illustrate nello schema.

A RICHIESTA
• Molle per diversi campi di taratura (vedi tabelle)
• Pressioni di taratura specifiche (CODICE/T 000 specificando il valore di taratura)

USE AND OPERATION:
Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has been completed reaching the pressure setting. Return flow is free.
It's ideal for circuits with low pressure on the secondary actuator as the pressures are added together.

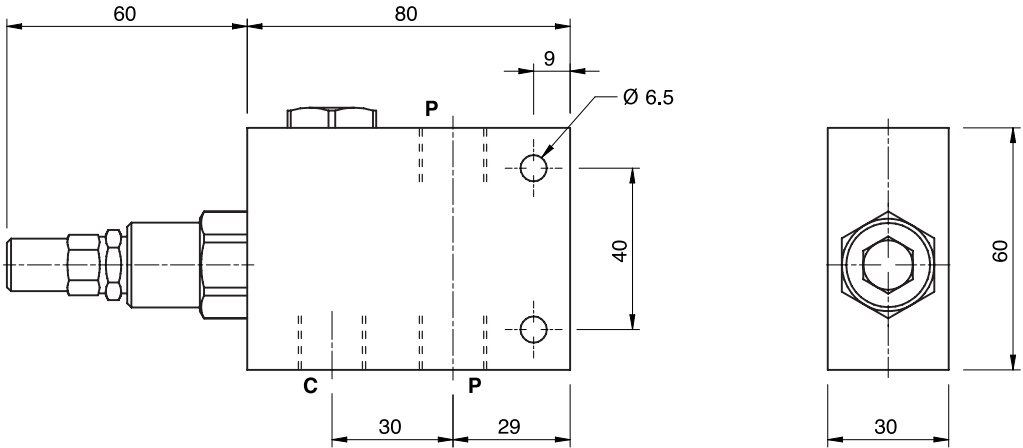
MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Poppet type: minor leakage.

CONNECTIONS:
Connect C to the cylinder and P to the supply and the head side of the second cylinder. For the installation on two cylinders follow the mounting instructions shown in the application circuit.

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

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	PRESSIONE MAX MAX PRESSURE Bar
V0648	VS2C 3/8" - 3V	40	350
V0663	VS2C 1/2" - 3V	70	350



CODICE CODE	SIGLA TYPE	C - P GAS	PESO/ WEIGHT Kg
V0648	VS2C 3/8" - 3V	G 3/8"	1,032
V0663	VS2C 1/2" - 3V	G 1/2"	0,988

MOLLE - SPRINGS (VS2C 3/8" - 1/2")		
Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q= 4l/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

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

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

