Oleodinamica Marchesini V0640/300 VS2C 3/8 direct-acting sequence valve

Manufacturer: Oleodinamica Marchesini

Manufacturer part number / published order designation: V0640/300

Published model: V0640/300

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 selected finite spring range; factory base row and spring table support execution. Catalogue preset/mass are text references, not delivered preset/exact weighed variant.

Actual selected supplier article, no generated combinations.

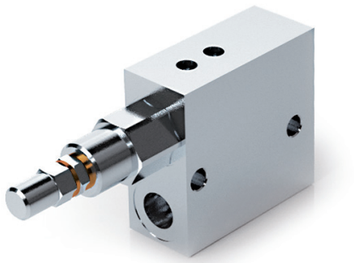
Source-page index

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.

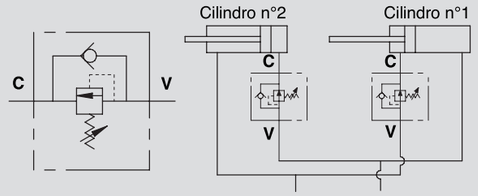
Source A: Oleodinamica Marchesini VS2C technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Exact spring matrix or corresponding printed size row with applicable material/FF/spring legend, original diagram and drawing

VALVOLE DI SEQUENZA AD AZIONE DIRETTA
DIRECT ACTING SEQUENCE VALVES



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



SCHEMA DI MONTAGGIO
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 e V all'alimentazione.
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)

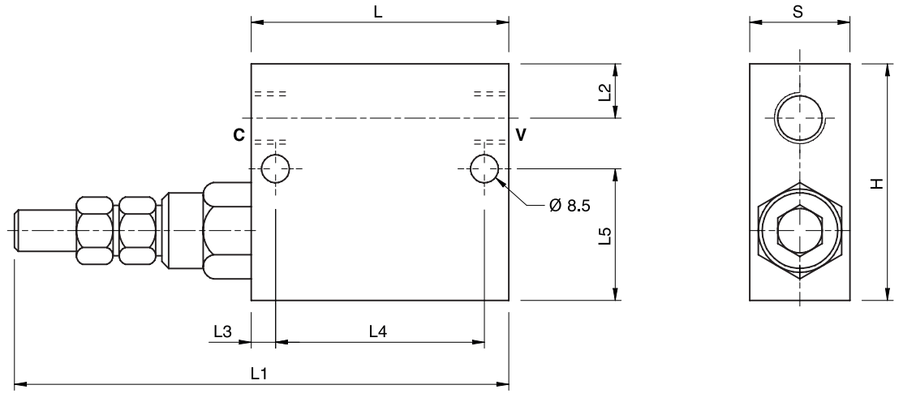
USE AND OPERATION:
Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has reached the pressure setting. Reverse flow is free. It's ideal for circuits with low pressure on the secondary actuator as the pressures are added.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Leakage: Guided poppet - negligible leakage.

CONNECTIONS:
Connect C to the cylinder and V to the supply.
For the installation on two cyliniders 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)

CODICE CODE	SIGLA TYPE	PORTATA MAX MAX FLOW Lt. / min	RANGE DI PRESSIONE PRESSURE RANGE Bar	PRESSIONE APERTURA OPENING PRESSURE Bar
V0636	VS2C 1/4"	30	350	5
V0640	VS2C 3/8"	35	350	7
V0660	VS2C 1/2"	70	350	5
V0665	VS2C 3/4"	110	400	1



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

CODICE CODE	SIGLA TYPE	C - V GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	H mm	S mm	PESO/ WEIGHT Kg
V0636	VS2C 1/4"	G 1/4"	74	144	14	7	55	39	70	30	1,250
V0640	VS2C 3/8"	G 3/8"	74	146	14	7	55	39	70	30	1,172
V0660	VS2C 1/2"	G 1/2"	80	152	15	7	55	37	70	30	1,130
V0665	VS2C 3/4"	G 3/4"	100	164	20	10	80	50	100	40	2,900

MOLLE - SPRINGS (VS2C 3/8" - 1/2")

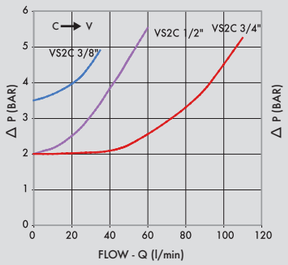
Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q= 4l/min	Taratura standard Standard setting (bar)
10 - 50*	7	30
20 - 100	12	75
10 - 180 standard	30	90
50 - 250	45	130
80 - 300	50	150

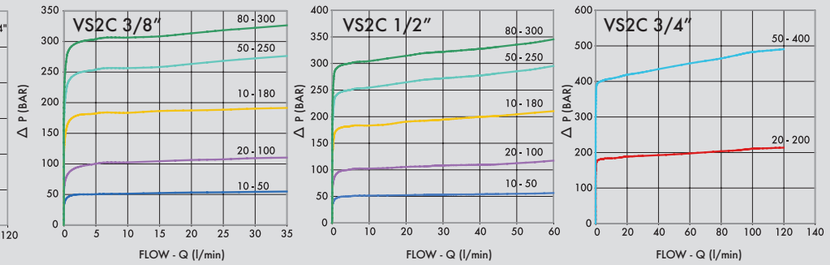
MOLLE - SPRINGS (VS2C 3/4")

Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q= 4l/min	Taratura standard Standard setting (bar)
20 - 200	40	160
50 - 400 standard	80	180

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

PERDITE DI CARICO
PRESSURE DROP CURVE



PRESSIONE/PORTATA
PRESSURE/FLOW

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