Oleodinamica Marchesini V0685 VU2P 1 shuttle valve

Manufacturer: Oleodinamica Marchesini

Manufacturer part number / published order designation: V0685

Published model: V0685

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

Exact observed article; no generated order-code configurations.

Manufacturer original drawing governs the selected execution.

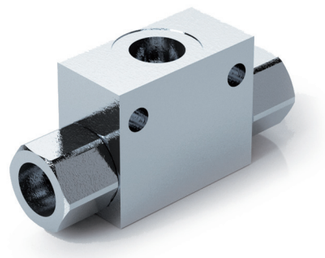
Source-page index

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.

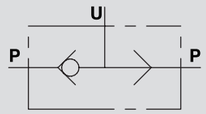
Source A: Oleodinamica Marchesini VU2P technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Exact original article row, hydraulic symbol, ratings, dimensions and installation notes

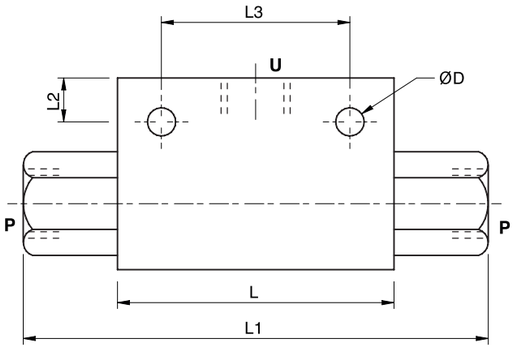
VALVOLE COMMUTATRICI
SHUTTLE VALVES

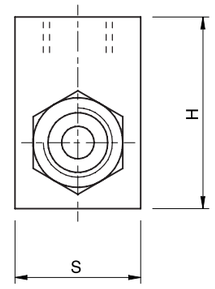


SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



CODICE CODE	SIGLA TYPE	PORTATA MAX MAX FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V0666	VU2P 1/4"	30	350
V0668	VU2P 3/8"	45	350
V0670	VU2P 1/2"	70	350
V0680	VU2P 3/4"	110	350
V0685	VU2P 1"	150	300





IMPIEGO:
Valvola utilizzata per selezionare, tra due segnali indipendenti di pressione, quello con valore maggiore ed escludere l'altro.

USE AND OPERATION:
This valve is used to select higher pressure between two pressure lines.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Guarnizioni: BUNA N standard.
Tenuta: a sfera.

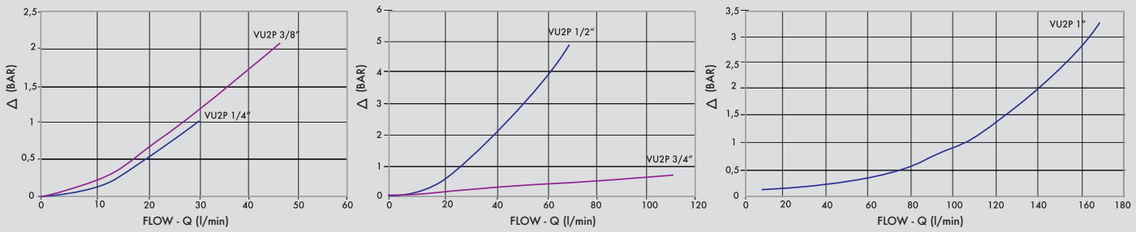
MATERIALS AND FEATURES:
Body: zinc-plated steel.
Seal: BUNA N standard.
Load holding: ball type

MONTAGGIO:
Collegare P alle linee da selezionare e U alla linea da alimentare.

CONNECTIONS:
Connect ports P to the 2 lines to select and U to the line to feed .

PERDITE DI CARICO
PRESSURE DROPS CURVE

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



CODICE CODE	SIGLA TYPE	U - P GAS	L mm	L1 mm	L2 mm	L3 mm	H mm	S mm	ØD mm	PESO WEIGHT kg
V0666	VU2P 1/4"	G1/4"	60	104	9	44	40	30	8,5	0,560
V0668	VU2P 3/8"	G3/8"	60	103	9	44	40	30	8,5	0,530
V0670	VU2P 1/2"	G1/2"	60	104	12	44	50	30	8,5	0,652
V0680	VU2P 3/4"	G3/4"	80	127	12	44	58	35	8,5	1,086
V0685	VU2P 1"	G1"	80	126	11	60	80	50	10,5	2,172