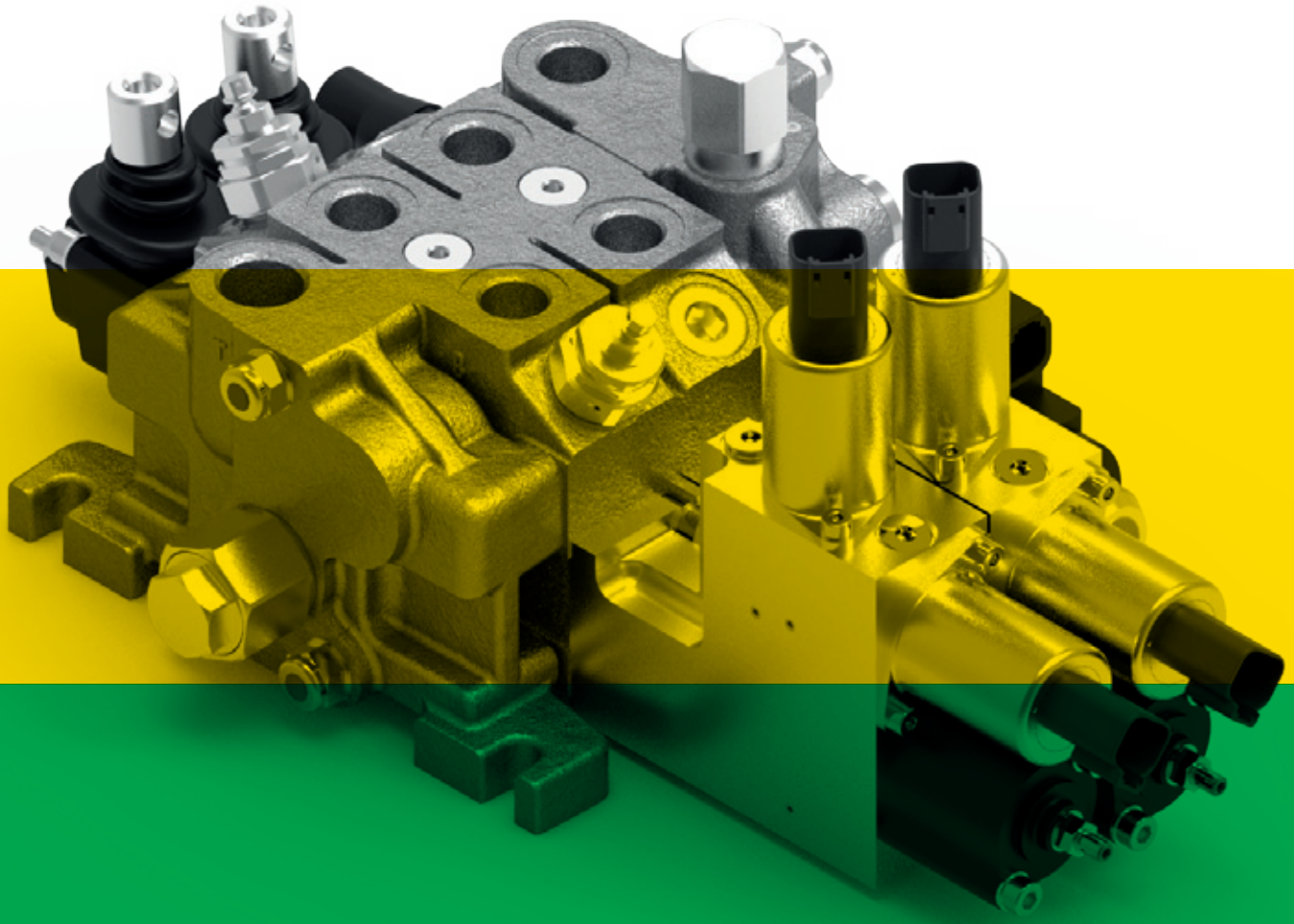
VD6 Series

Directional Control Valve

Technical Brochure

E0.254.0325.11.00IM00



VD6Z
sectional control valve
electro-hydraulic
proportional control

VD6LS
sectional control valve
load sense

VD6ZLS
sectional control valve load
sense and electro-hydraulic
proportional control

TÜV Thüringen Italia Certificate
TÜV Thüringen Italia
ISO 14001:2015
04-IT-SAL-200033
TTIC

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

salami
FLUID POWER SYSTEMS

Final revised edition - March 2025

Contents

Technical Data

Nominal Flow	Qn	45 l/min - *(12 gpm US)*
Max Flow	Q	60 l/min - *(16 gpm US)*
Max Pressure	port P	350 bar - *(5070 psi)*
	ports A/B	350 bar - *(5070 psi)*
	port T	25 bar - *(360 psi)*
	Pilot pressure tank port Tp	5 bar - *(70 psi)*
Spool Stroke (Positions 1 And 2)	± 6 mm - *(0.236 in.)*	
Number of sections	From 1 To 10	

Main Features

- Sectional design
- Parallel, Serie and Tandem Circuit
- Electro – hydraulic proportional spool control
- High metering spools
- Manual lever dual command
- Remote pilot pressure port
- Solenoid unloading pump flow
- Counter Pressure Valve
- Power Beyond HPCO
- Stackable with VD6A standard sections

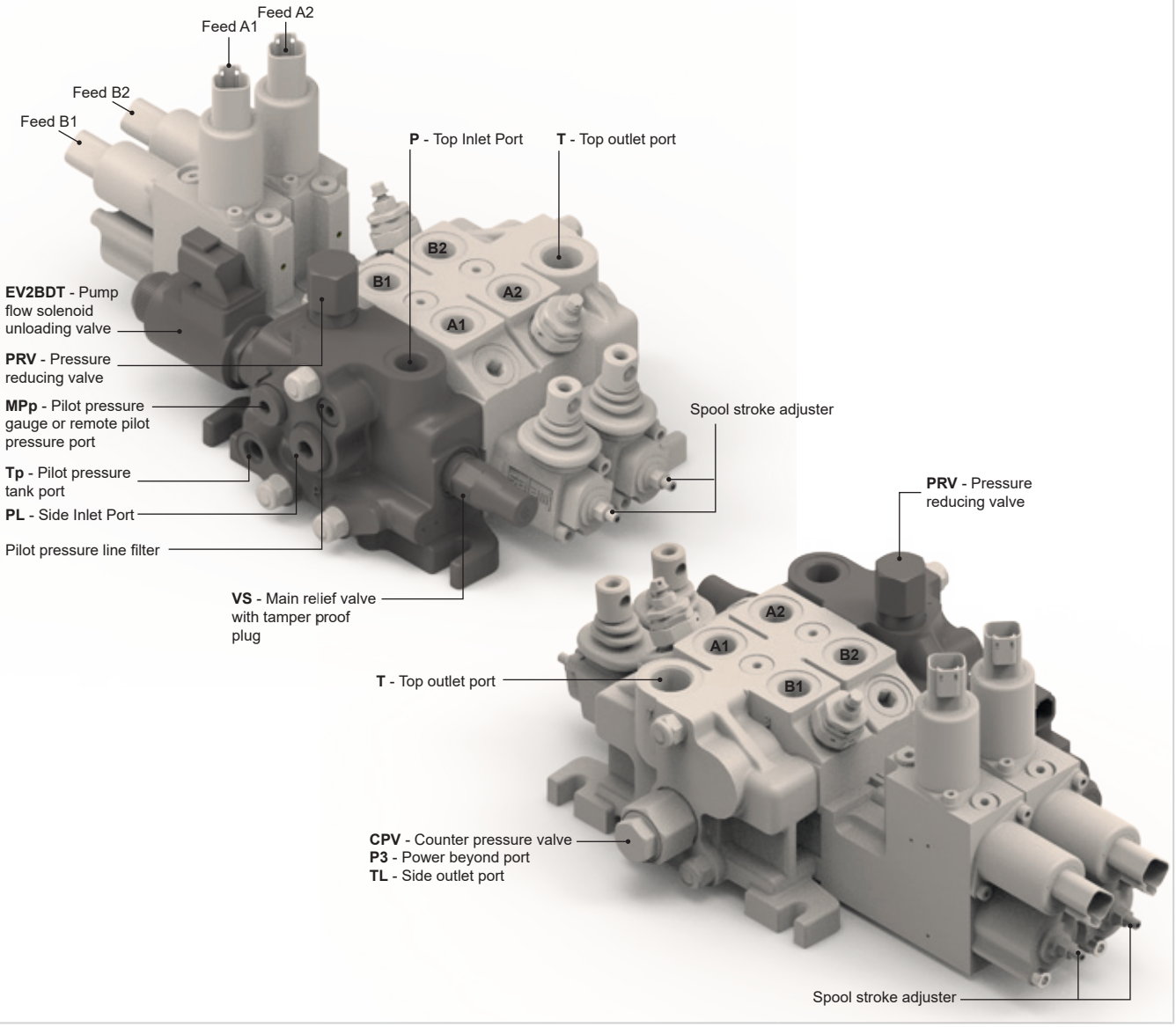
Applications

- Lifting Equipment
- Small Trucks
- Agriculture Equipment
- Radio remote mobile equipment
- Material handling

E0.254.0325.11.00IM00

VD6Z vs VD6A

FEATURES	VD6Z	VD6A
NEW INLET ELEMENT	Main relief valve, solenoid unloading pump flow, pressure reducing valve, pilot pressure remote port, pilot tank port	Main relief valve, solenoid unloading pump flow
OUTLET ELEMENT	VD6A standard	Standard
WORKING SECTIONS	Crossing pilot lines	Standard w/o pilot lines
STACKABLE WITH VD6A	Sections must be stacked after the inlet element and upstream the VD6A sections	Sections must be stacked downstream VD6Z sections
ELECTRO-HYDRAULIC PROPORTIONAL AND ON-OFF CONTROL	Fully integrated, no need of external pilot lines	NA
HYDRAULIC SPOOL CONTROL	Pilot pressure remote port used to feed hydraulic pilot joysticks	NA
METERING	High metering spools	Standard and high metering spools
WITH COUNTER PRESSURE VALVE CPV	Standard	NA
WITHOUT COUNTER PRESSURE VALVE CPV	In case of HPCO or 8 bar guaranteed in the return line in all working conditions	NA



Port Size and Thread

		P	PL	Tp	MPp	A/B	T	TL	TL2	P3
BSP (UNI ISO 1179 - THREADS UNI ISO 228/1)	G1/4			X	X					
	G3/8	X	X			X				
	G1/2						X	X	X	X
SAE UN-UNF (UNI ISO 11926 - THREADS UNI ISO 725)	SAE4 (7/16-20 UNF)			X	X					
	SAE8 (3/4-16 UNF)	X	X			X				
	SAE10 (7/8-14 UNF)						X	X	X	X

Valves

INLET ELEMENT VALVES		WORKING SECTION VALVES		OUTLET ELEMENT VALVE	
Main pressure relief valve direct type	VS	Service port relief	VA	Counter pressure valve	CPV
Pump flow solenoid unloading valve	EV1/EV2/EV3/EV4	Antishock and Anticavitation valve	AR		
Pressure reducing valve	PRV	Anticavitation valve	VR		
		Single/double acting conversion valve	CV		

Proportional Pressure Control Valve

ELECTRICAL DATA

	KE1JA/KE1DT	KE2JA/KE2DT	ON-OFF	
VOLTAGE	12V	24V	12V	24V
MIN CURRENT	896mA	448mA	-	-
MAX CURRENT	1364mA	682mA	1400mA	700mA
RESISTANCE	4.72 Ω +/-5%	20.8 Ω +/-5%	4.72 Ω +/-5%	20.8 Ω +/-5%
PWM FREQUENCY	100HZ	100HZ	DIRECT CURRENT	DIRECT CURRENT
SUPER IMPOSED DITHER FREQUENCY	100HZ (AMPLITUDE 200mA)	100HZ (AMPLITUDE 100mA)	-	-
CONNECTOR	AMP JUNIOR TIMER (JA)			
	DEUTSCH DT04-2P (DT)			
PROTECTION CLASS	IP6K6			

HYDRAULIC DATA

MAX VOLUME FLOW @ 6bar ΔP	2.5-5 l/min
MAX PRESSURE FROM PRV	35bar
MAX WORKING PRESSURE	25bar
MAX TANK SIDE PRESSURE	5bar
INTERNAL LEAKAGE @ 35bar 32cSt	< 0.06 l/min (DE-ENERGIZED) <0.15 l/min (ENERGIZED)
CONTAMINATION LEVEL	MIN FILTRATION: 20/18/15 ACCORDING TO ISO 4406
FILTERSCREEN SIZE	200 µm

E0.254.0325.11.00IM00

Inlet and Outlet Element Matching Configurations

INLET ELEMENT CONFIGURATIONS

	P	PL	MPp	Tp
Z01	OPEN	PLUGGED	PLUGGED	OPEN
Z02	PLUGGED	OPEN	PLUGGED	OPEN
Z03	OPEN	PLUGGED	OPEN	PLUGGED
Z04	PLUGGED	OPEN	OPEN	PLUGGED

OUTLET ELEMENT CONFIGURATIONS

	T	TL	TL2	P3	CPV	NOTE
U8	OPEN	NA	NA	NO	YES	-
U9	PLUGGED	NA	OPEN	NO	YES	-
U5	OPEN	NA	NA	YES	NO	8 bar min on the return line
U5L2	PLUGGED	NA	OPEN	YES	NO	8 bar min on the return line
U7	OPEN	NA	NA	PLUGGED	NO	Closed centre
U7L2	PLUGGED	NA	OPEN	PLUGGED	NO	Closed centre
U4	OPEN	PLUGGED	NA	NO	NO	8 bar min on the return line
U3	PLUGGED	OPEN	NA	NO	NO	8 bar min on the return line

MATCHING CONFIGURATIONS

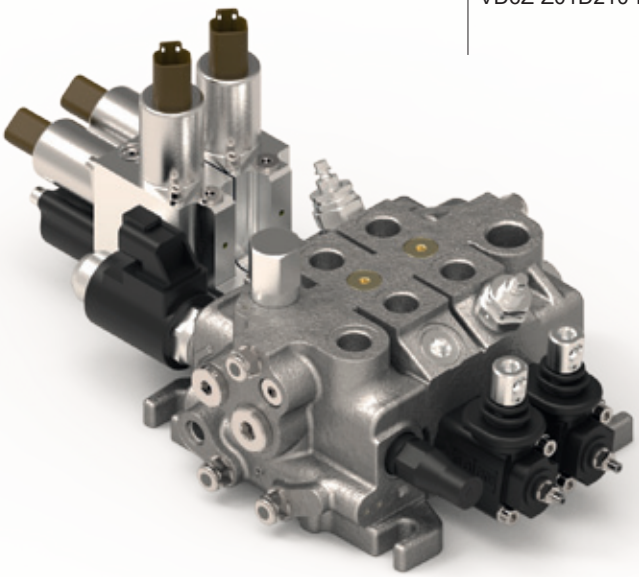
	Z01	Z02	Z03	Z04
U8	X	X	NA	NA
U9	X	X	NA	NA
U5	X	X	X	X
U5L2	X	X	X	X
U7	X	X	X	X
U7L2	X	X	X	X
U4	X	X	X	X
U3	X	X	X	X

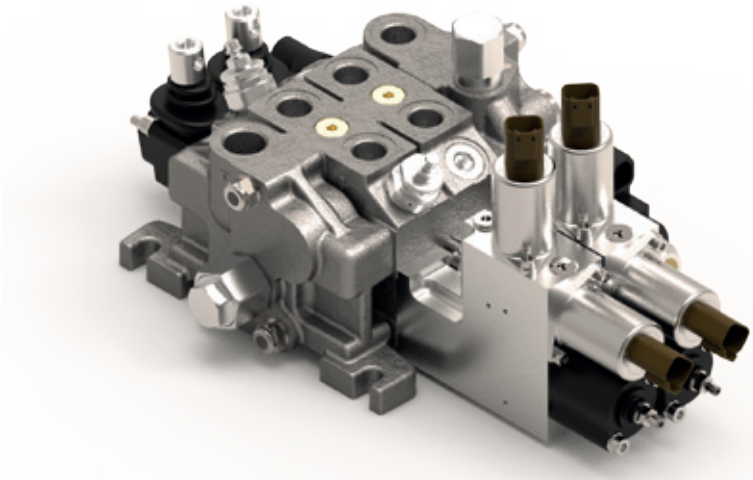
E0.254.0325.11.00IM00

VD6Z Configurations

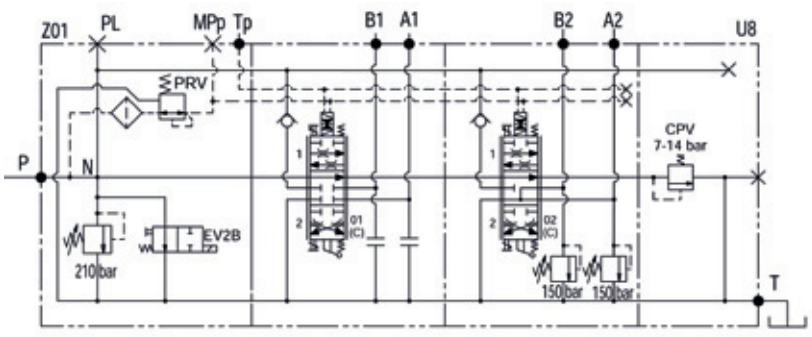
Example 1

2 Bank Electro-proportional 24V
VD6Z-Z01D210-EV2BDT/P01C-PRA.PRB-NLEA-KE2DT/
/P02C-VA150A.VA150B-NLEA-KE2DT/U8G





Hydraulic Circuit

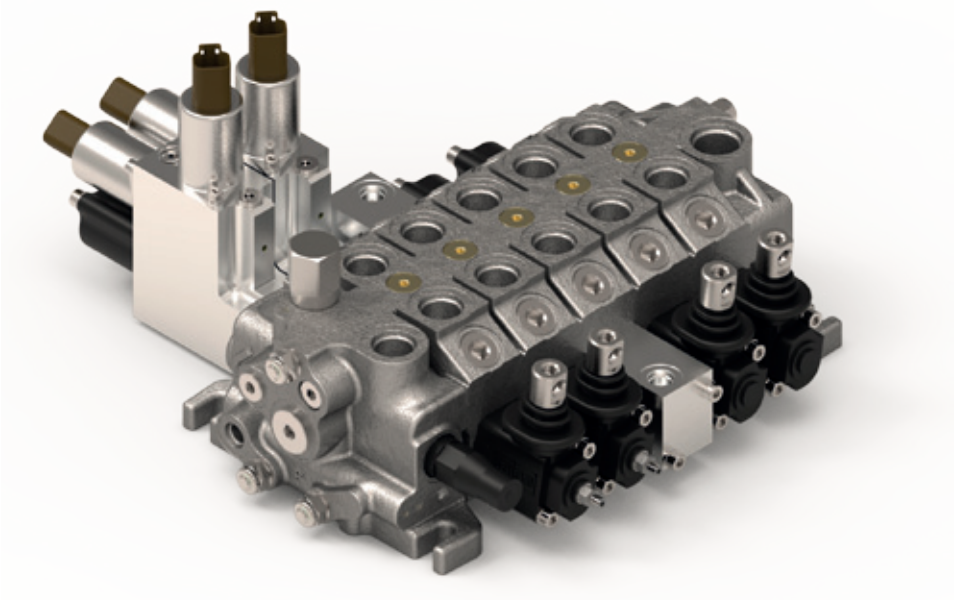


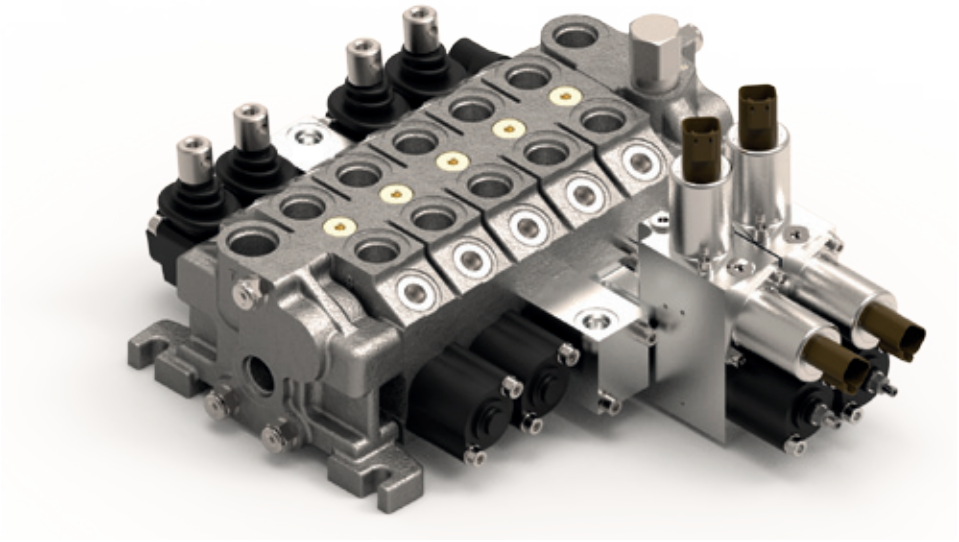
E0.254.0325.11.00IM00

VD6Z Configurations

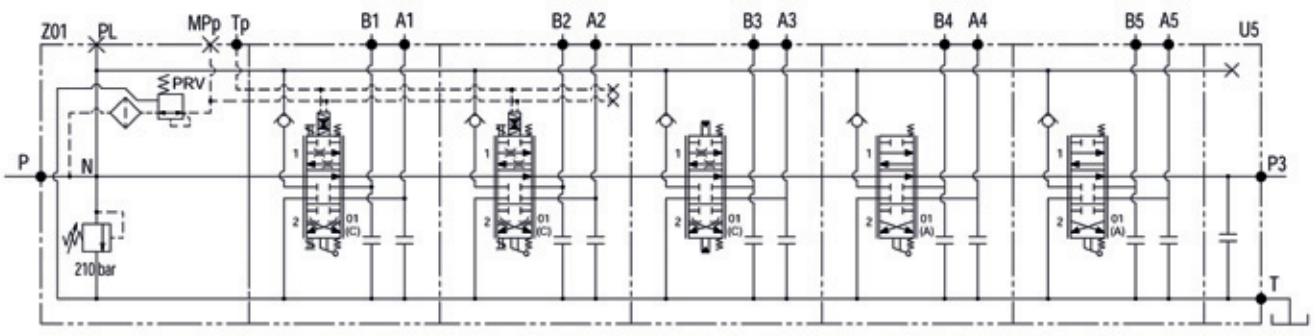
Example 2

5 Bank electro-proportional, hydraulic pilot and manual controlled sections
VD6Z-Z01D210/2XP01C-PRA.PRB-NLEA-KE2DT/
/P01C-PRA.PRB-IP/
/2XP01A-PRA.PRB-NLA-C2/U5S



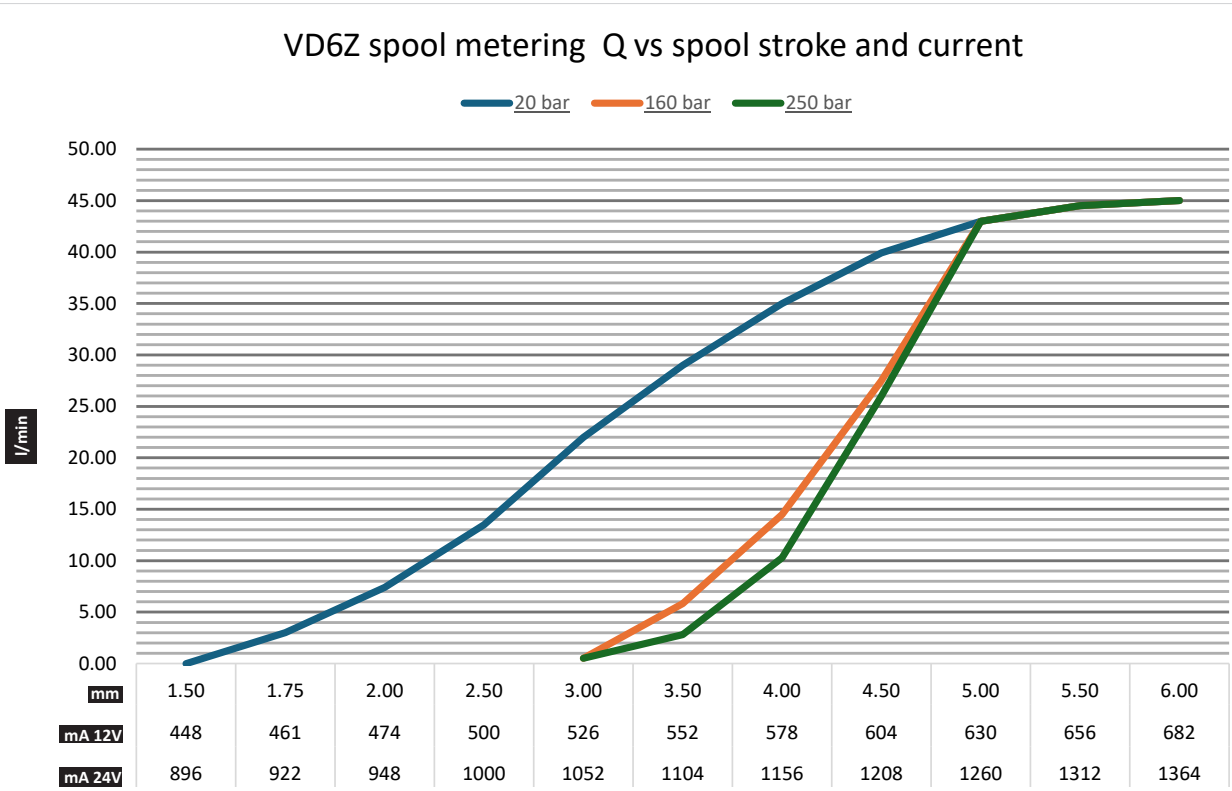


Hydraulic Circuit



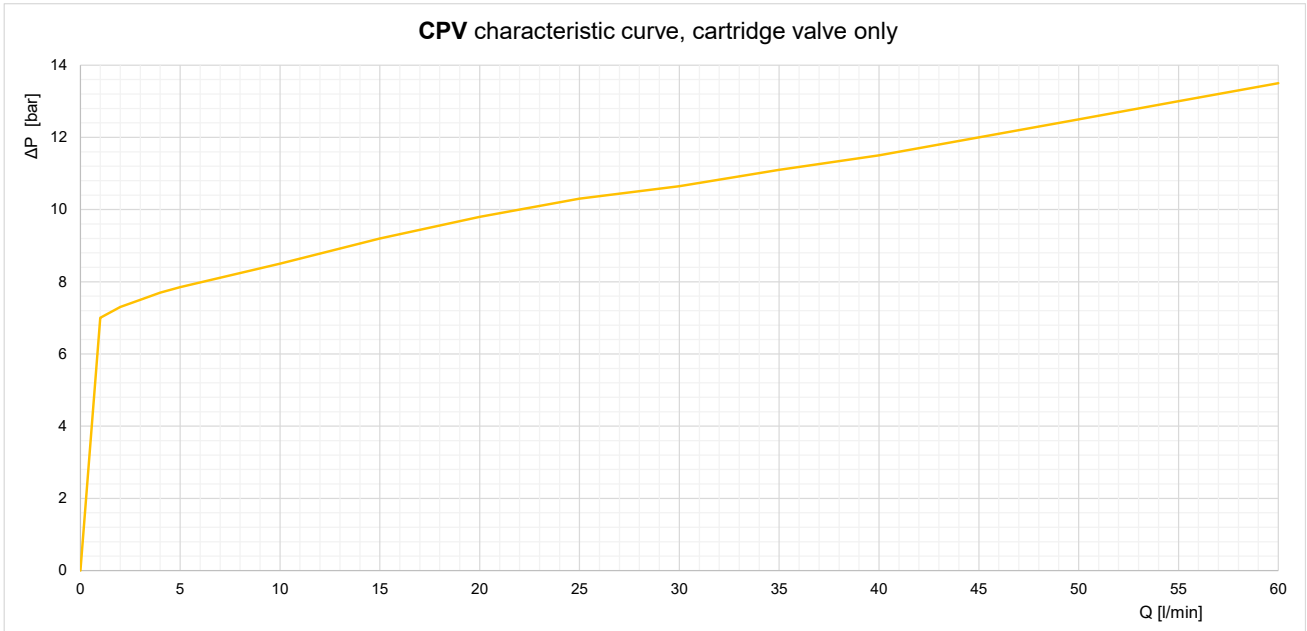
Flow Vs Spool Stroke Metering Curves

Oil ISO VG32 at 21 cSt



mm	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
mA 12V	448	461	474	500	526	552	578	604	630	656	682
mA 24V	896	922	948	1000	1052	1104	1156	1208	1260	1312	1364

CPV characteristic curve, cartridge valve only



How to Order

► See Technical Catalogue **VD6A** (E0.05.1011.02.03)

VD6Z	Z01	D	210	-	EV2BDT	/	2	X	P	01C	-	VA	150	A	.	VA	150	B	-	NLE	A	-	KE2DT	/	U8	G
	A	B	C		D		E		F	G		H		I		H		I		L	M		N		O	P

A – INLET ELEMENT

Z01-Z02-Z03-Z04

B – MAIN RELIEF VALVE

D	Direct main relief valve
W	Without main relief valve

C – MAIN RELIEF SETTING

From 25 to 350 bar *(363 to 5070 psi)*

D – PUMP FLOW SOLENOID UNLOADING VALVE

EV1-EV2-EV3-EV4

E – NUMBER OF IDENTICAL CONSECUTIVE SECTIONS

F – WORKING SECTIONS

P	Parallel circuit
S	Series circuit
T	Tandem circuit

G – SPOOL TYPES

01C	Double acting spool for hydraulic control High metering
02C	Double acting motor spool for hydraulic control High metering
03C	Double acting motor spool (“B” port blocked) for hydraulic control - High metering
04C	Double acting motor spool (“A” port blocked) for hydraulic control - High metering

H – AUXILIARY VALVES

VA	Service port relief
AR	Antishock and Anticavitation valve
VR	Anticavitation valve
CV	Single/double acting conversion valve

P – PORTS

G	GAS - BSP Threaded (ISO 228)
S	SAE UN - UNF Threaded (ISO 725)

O – OUTLET ELEMENT

U3-U4-U5-U5L2-U7-U7L2-U8-U9

N – SPOOL POSITIONINGS

KE1JA	Electro-hydraulic proportional and ON-OFF control 12V - AMP JUNIOR TIMER
KE2JA	Electro-hydraulic proportional and ON-OFF control 24V - AMP JUNIOR TIMER
KE1DT	Electro-hydraulic proportional and ON-OFF control 12V - DEUTSCH DT04-2P
KE2DT	Electro-hydraulic proportional and ON-OFF control 24V - DEUTSCH DT04-2P

M – CONTROL SIDE

A	A port side

L – SPOOLS CONTROLS

NLE	Manual lever box with spool stroke adjuster, dual manual command.

I – PORT ON WHICH THE VALVE IS MOUNTED

VD6LS

Closed Centre for variable displacement load sense pump

Technical Data

Max Flow	Q	60 l/min - *(16 gpm US)*
Max Pressure	LS Main Relief bar	320 bar - *(4600 psi)*
	port P	350 bar - *(5070 psi)*
	ports A/B	350 bar - *(5070 psi)*
	port T	25 bar - *(360 psi)*
Spool Stroke (Positions 1 And 2)	± 6 mm - *(0.236 in.)*	
Number of sections	From 1 To 8	

Main Features

- Sectional design
- Parallel Circuit
- LS main relief valve and pump flow main relief valve
- Solenoid unloading pump flow
- High metering double acting cylinder and motor spools
- Spool Control: manual, manual joystick, cable remote, hydraulic piloted, pneumatic piloted.
- Spool positioning: spring centred, detent, friction detent

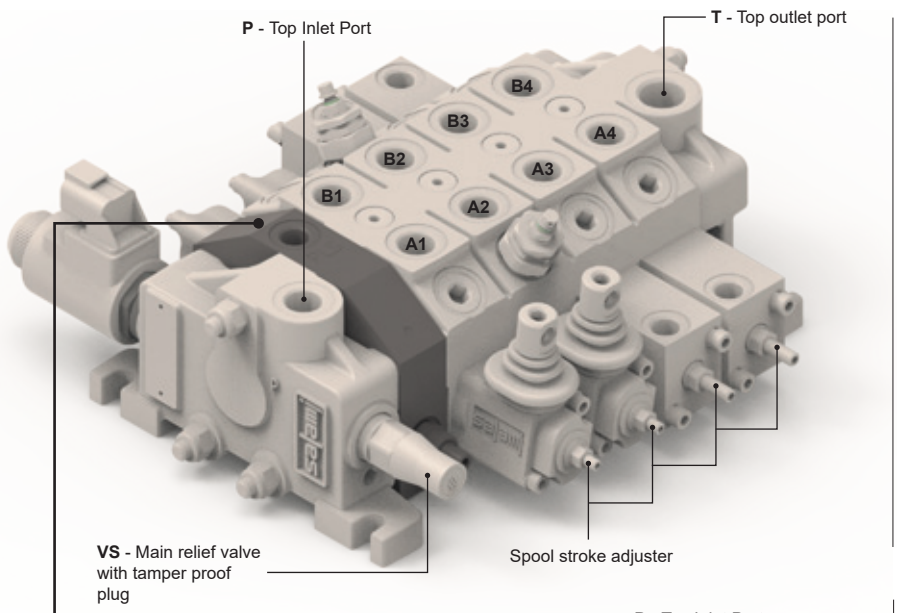
Applications

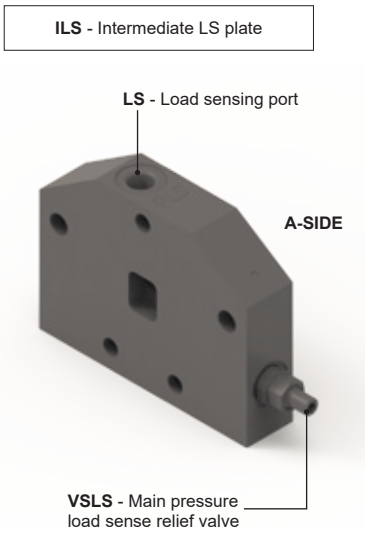
- Lifting Equipment
- Small Trucks
- Agriculture Equipment
- Material handling

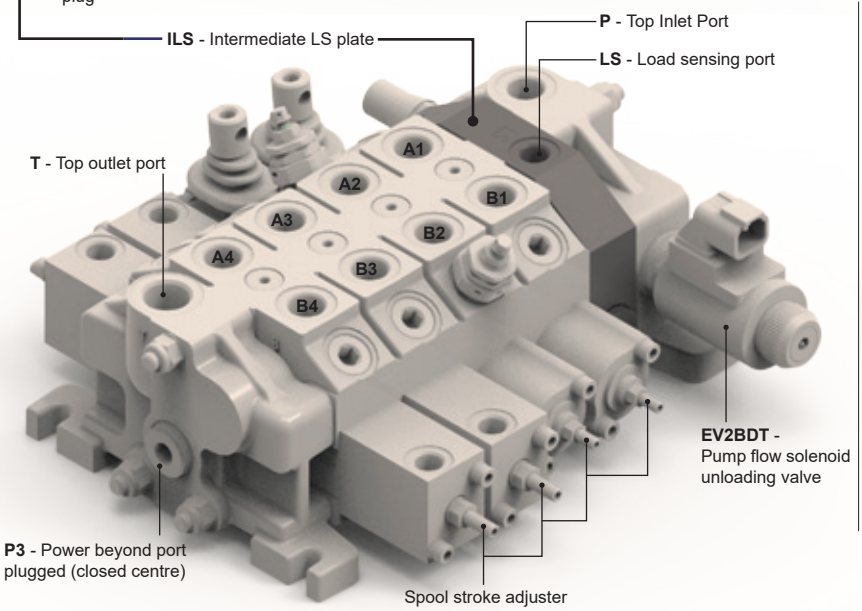
E0.254.0325.11.00IM00

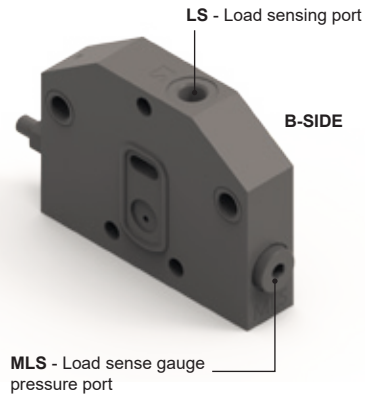
VD6LS vs VD6A

FEATURES	VD6LS	VD6A
INLET ELEMENT	VD6A standard	VD6A standard
NEW INTERMEDIATE LS PLATE	LS main relief valve, LS port	NA
OUTLET ELEMENT	VD6A standard	VD6A standard
WORKING SECTIONS	Spool with shuttle valve and ls crossing line	Standard
SPOOL FLOW	45-60 l/min @ 14-26 bar pump stand-by pressure	Standard
	35-50 l/min @ 14-26 bar pump stand-by pressure	High metering
STACKABLE WITH VD6A	NA	NA
SPOOL CONTROL	NL,MP, SL, TC, L1/L2, IP, PP, P1/P2	NL,MP, SL, TC, L1/L2, IP, PP, P1/P2, E7,E8,E9,E10
SPOOL POSITIONING	C2, C3, R2, R4, R5, C0	See VD6A catalogue
METERING	High metering spools	Standard and high metering spools









Port Size and Thread

		P	PL	LS	A/B	T	TL2
BSP (UNI ISO 1179 - THREADS UNI ISO 228/1)	G1/4			X			
	G3/8	X	X		X		
	G1/2					X	X
SAE UN-UNF (UNI ISO 11926 - THREADS UNI ISO 725)	SAE4 (7/16-20 UNF)			X			
	SAE8 (3/4-16 UNF)	X	X		X		
	SAE10 (7/8-14 UNF)					X	X

Valves

INLET ELEMENT VALVES		INTERMEDIATE PLATE VALVES		WORKING SECTION VALVES	
Main pressure relief valve direct type	VS - Pressure setting 20-30 bar higher than VSLS pressure setting	Main pressure load sense relief valve	VSLS	Service port relief	VA
Pump flow solenoid unloading valve	EV1/EV2/EV3/EV4			Antishock and Anticavitation valve	AR
				Anticavitation valve	VR
				Single/double acting conversion valve	CV

Inlet and Outlet Element Matching Configurations

INLET ELEMENT CONFIGURATIONS

	P	PL	G
01	OPEN	NA	NA
02	PLUGGED	OPEN	NA
03	OPEN	OPEN	NA
21	OPEN	NA	OPEN
22	NA	OPEN	OPEN

OUTLET ELEMENT CONFIGURATIONS

	T	TL	TL2	P3	NOTES
U7	OPEN	NA	NA	PLUGGED	CLOSED CENTRE
U7L2	PLUGGED	NA	OPEN	PLUGGED	CLOSED CENTRE

INTERMEDIATE LS PLATE CONFIGURATIONS

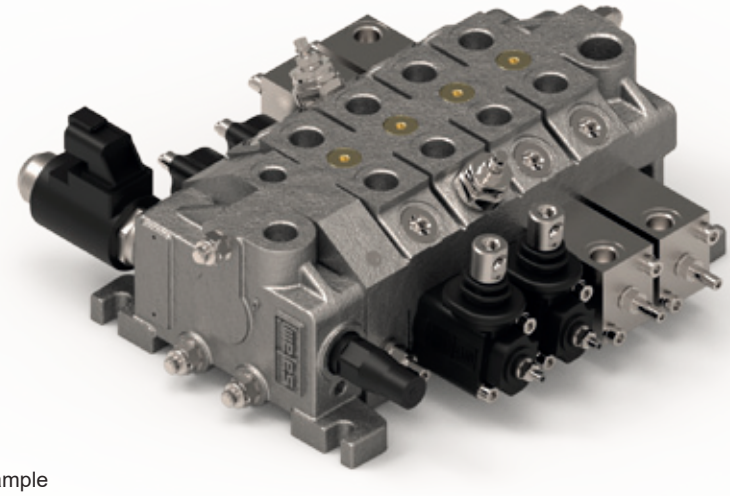
	LS
ILS	OPEN

E0.254.0325.11.00IM00

Inlet and Outlet Element Matching Configurations

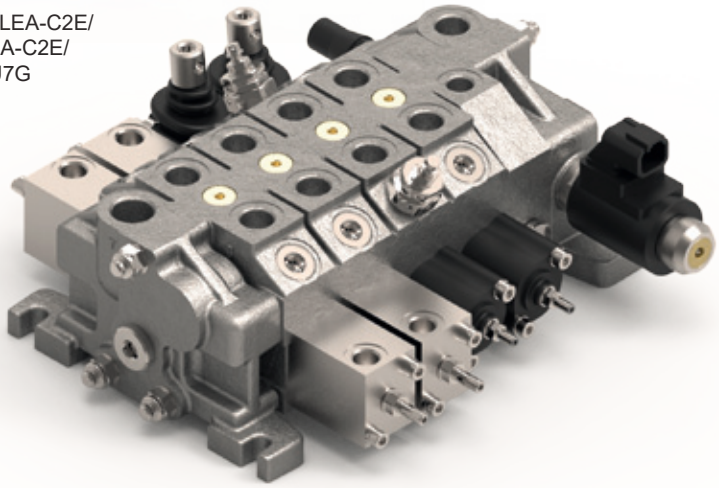
MATCHING CONFIGURATIONS					
	01	**02**	**02**	**21**	**22**
U7	**X**	X	X	X	X
U7L2	**X**	X	X	X	X

VD6LS Configurations

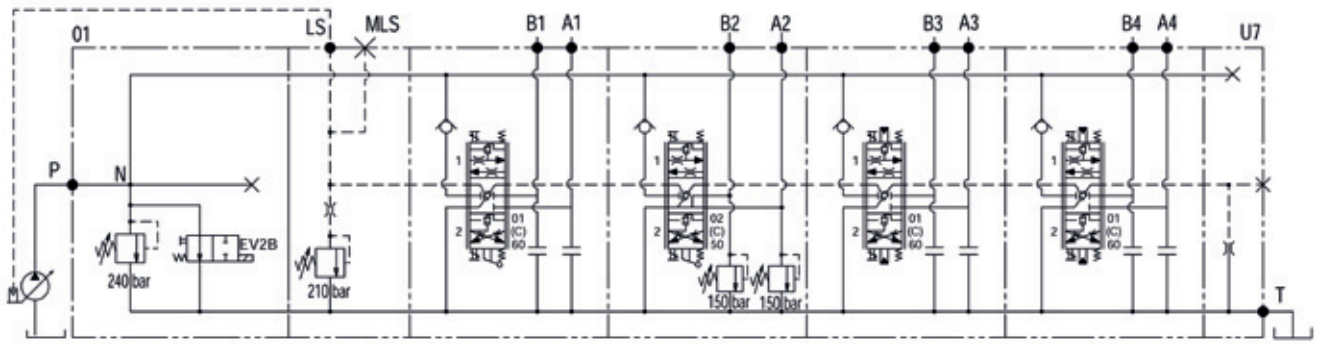


Example

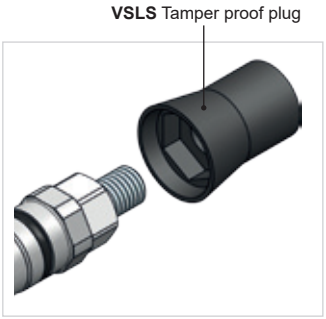
4 Bank
VD6LS-01D240-EV2BDT/ILS(210)/P01C60-PRA.PRB-NLEA-C2E/
/P02C50-VA150A.VA150B-NLEA-C2E/
/2XP01C60-PRA.PRB-IP1RE/U7G

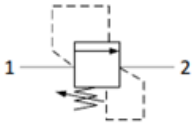


Hydraulic Circuit



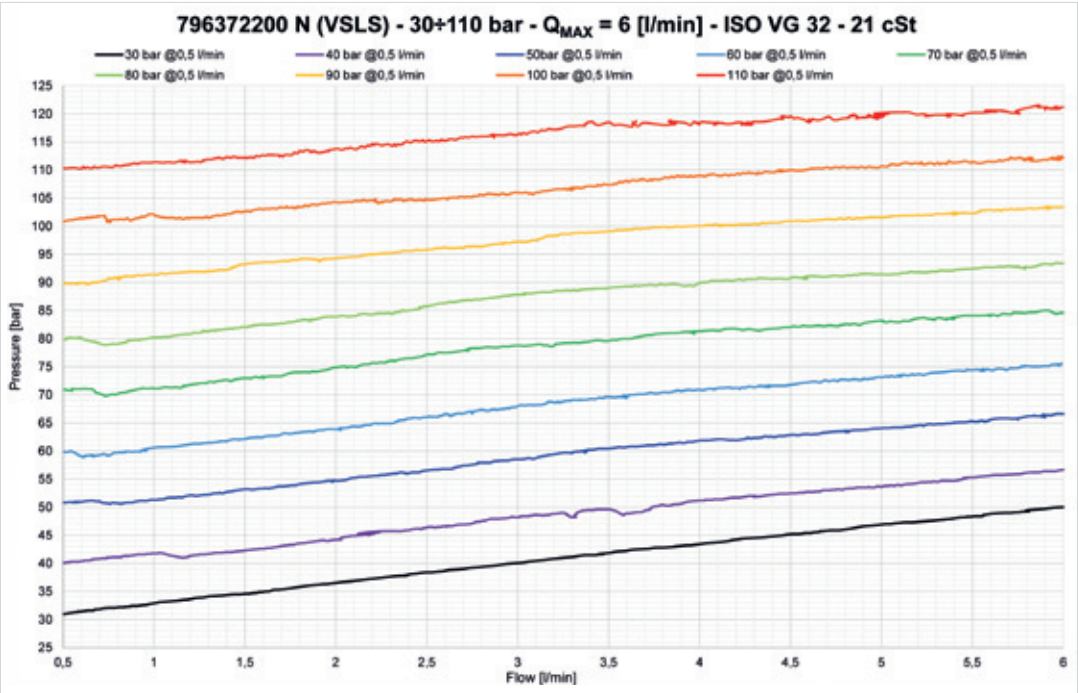
Load Sense Main Relief Valve - VSLS

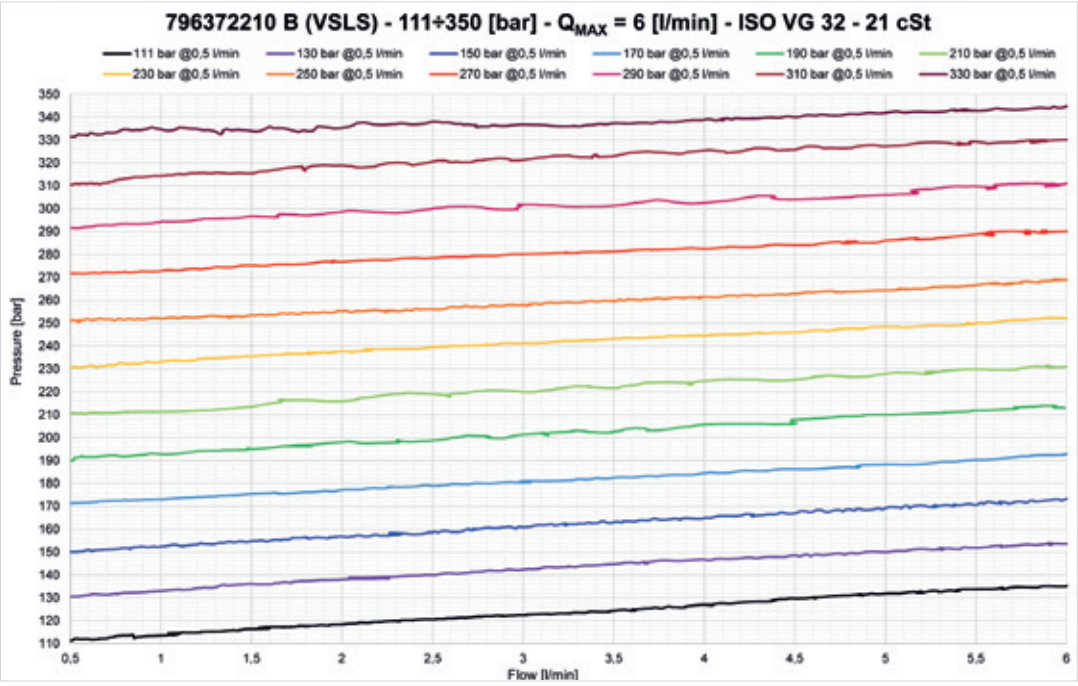




QMAX
6l/min – 1.5GPM

Pressure setting range
30-110 bar
111-350 bar





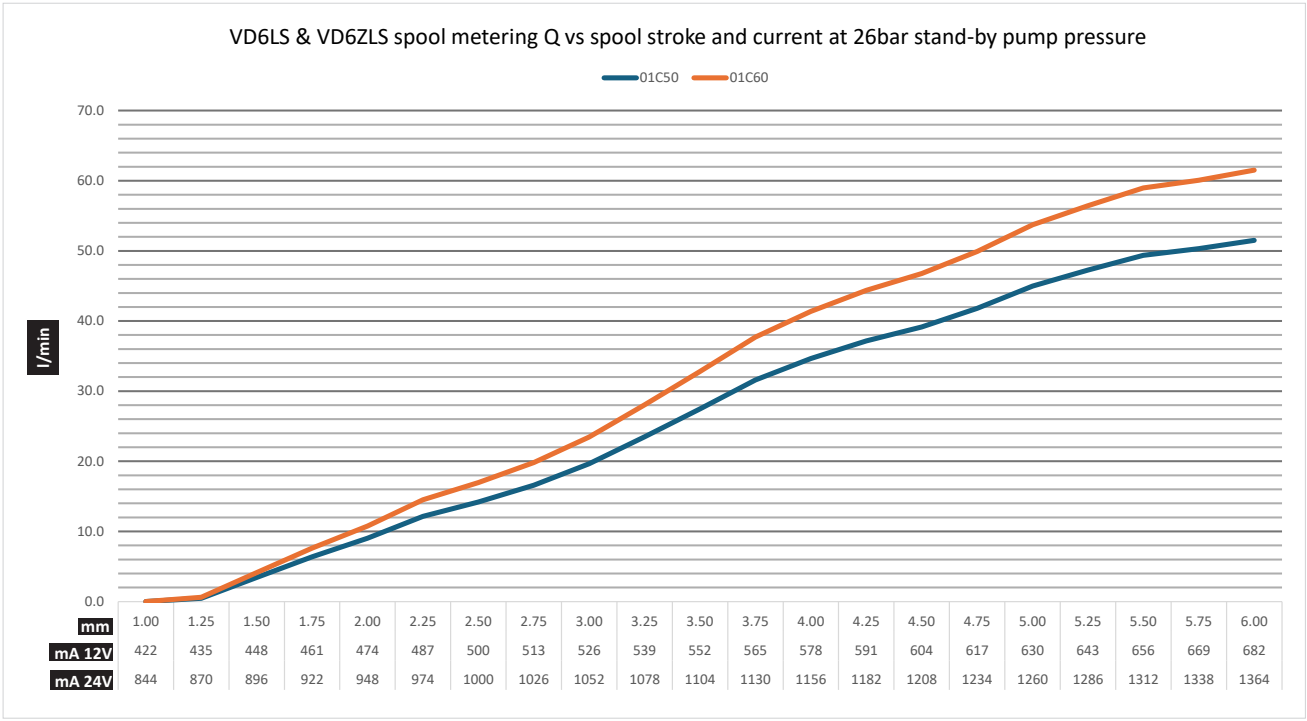
E0.254.0325.11.00IM00

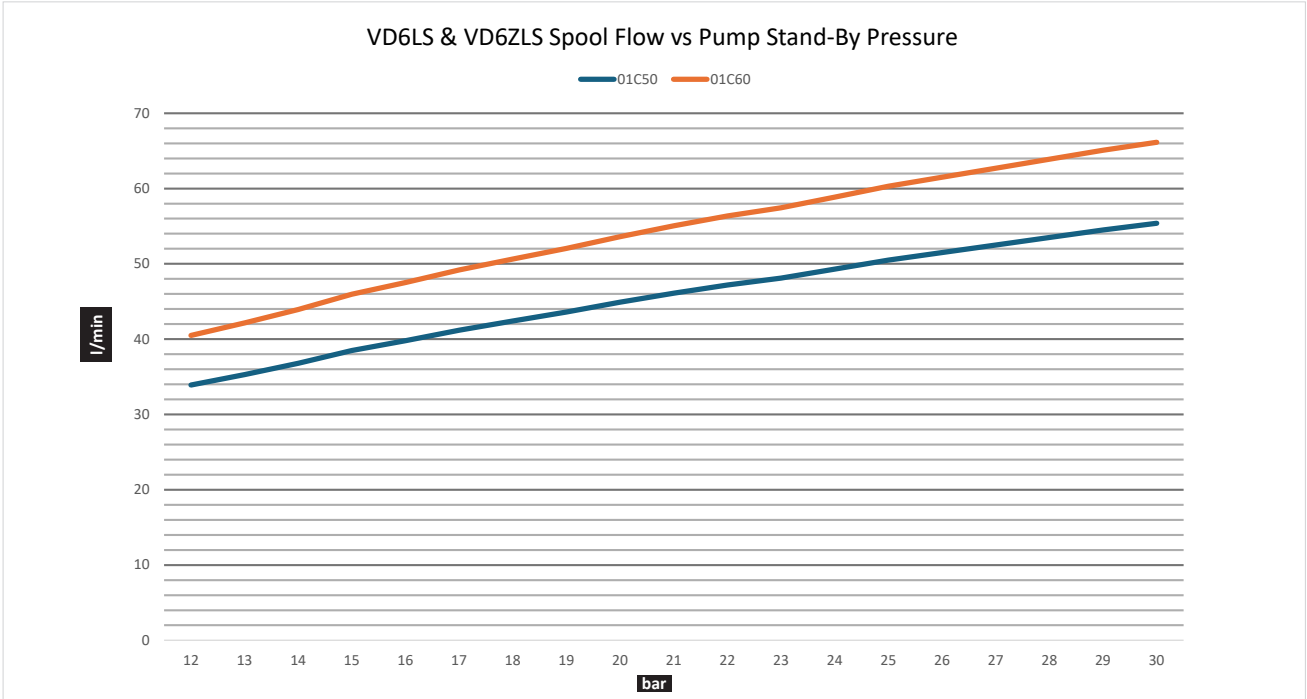
Spools

TYPE	FLOW CONTROL
01C60 - Double acting cylinder spool	45-60l/min @ 14-26 bar pump stand-by pressure
02C60 - Double acting motor spool	
01C50 - Double acting cylinder spool	35-50l/min @ 14-26 bar pump stand-by pressure
02C50 - Double acting motor spool	

Oil ISO VG32 at 21 cSt

Flow Vs Spool Stroke Metering Curves





VD6LS

Closed Centre for variable displacement load sense pump

How to Order

► See Technical Catalogue **VD6A** (E0.05.1011.02.03)

VD6LS	01	D	210	-	EV2BDT	/	ILS	210	/	4	X	P	01C	60	-	VA	150	A	.	VA	150	B	-	NLE	A	-	C2E	/	U7	G
	A	B	C		D		E	F		G		H	I			L		M		L		M		N	O		P		Q	R

A INLET ELEMENT

01-02-03-21-22

B MAIN RELIEF VALVE

D	Direct main relief valve
W	Without main relief valve

C MAIN RELIEF SETTING

From 25 to 350 bar *(360 to 5070 psi)*

D PUMP FLOW SOLENOID UNLOADING VALVE

EV1-EV2-EV3-EV4

E INTERMEDIATE LS PLATE

ILS

F VSLS SETTING

30-110 bar *(435 to 1595 psi)*
111-350 bar *(1600 to 5070 psi)*

G NUMBER OF IDENTICAL CONSECUTIVE SECTIONS

H WORKING SECTIONS

P	Parallel circuit

I SPOOL TYPES

01C	Double acting spool for hydraulic control High metering
02C	Double acting motor spool for hydraulic control High metering

I SPOOL NOMINAL FLOW

50	35-50l/min @ 14-26 bar pump stand-by pressure
60	45-60l/min @ 14-26 bar pump stand-by pressure

L AUXILIARY VALVES

VA	Service port relief
AR	Antishock and Anticavitation valve
VR	Anticavitation valve
CV	Single/double acting conversion valve

R PORTS

G	GAS - BSP Threaded (ISO 228)
S	SAE UN - UNF Threaded (ISO 725)

Q OUTLET ELEMENT

U7-U7L2

P SPOOL POSITIONINGS

C2E	Spring Centred Cap with spool stroke adjuster
C0	Friction Detent
R2	Two position 1&2 detent with spring return to neutral
R4	Detent on position 1 with spring return to neutral
R5	Detent on position 2 with spring return to neutral

O CONTROL SIDE

A	A port side
B	B port side

N SPOOLS CONTROLS

SL	Spool End with wiper seal, w/o lever box
NLE	Manual lever box with spool stroke adjuster
TC	Cable Control Connector Kit
PP	Pneumatic Pilot Control
IP1RE	Hydraulic Pilot Control with spool stroke adjusters and top ports

M PORT ON WHICH THE VALVE IS MOUNTED

E0.254.0325.11.00IM00

VD6ZLS

Electro-proportional for variable displacement LS pump

Technical Data

Max Flow	Q	60 l/min - *(16 gpm US)*
Max Pressure	LS Main Relief bar	320 bar - *(4600 psi)*
	port P	350 bar - *(5070 psi)*
	ports A/B	350 bar - *(5070 psi)*
	port T	25 bar - *(360 psi)*
	Pilot pressure tank port Tp	5 bar - *(70 psi)*
Spool Stroke (Positions 1 And 2)	± 6 mm - *(0.236 in.)*	
Number of sections	From 1 To 8	

Main Features

- Sectional design
- Parallel Circuit
- LS main relief valve and pump flow main relief valve
- Electro – hydraulic proportional spool control
- High metering double acting cylinder and motor spools
- Manual lever dual command
- Remote pilot pressure port
- Solenoid unloading pump flow
- Spool Control: Electro proportional, manual, manual joystick, cable remote, hydraulic piloted, pneumatic piloted.
- Spool positioning: spring centred, detent, friction detent
- Stackable with VD6LS sections
- Spool Control: manual, manual joystick, cable remote, hydraulic piloted, pneumatic piloted.
- Spool positioning: spring centred, detent, friction detent

Applications

- Lifting Equipment
- Small Trucks
- Agriculture Equipment
- Radio remote mobile equipment
- Material handling

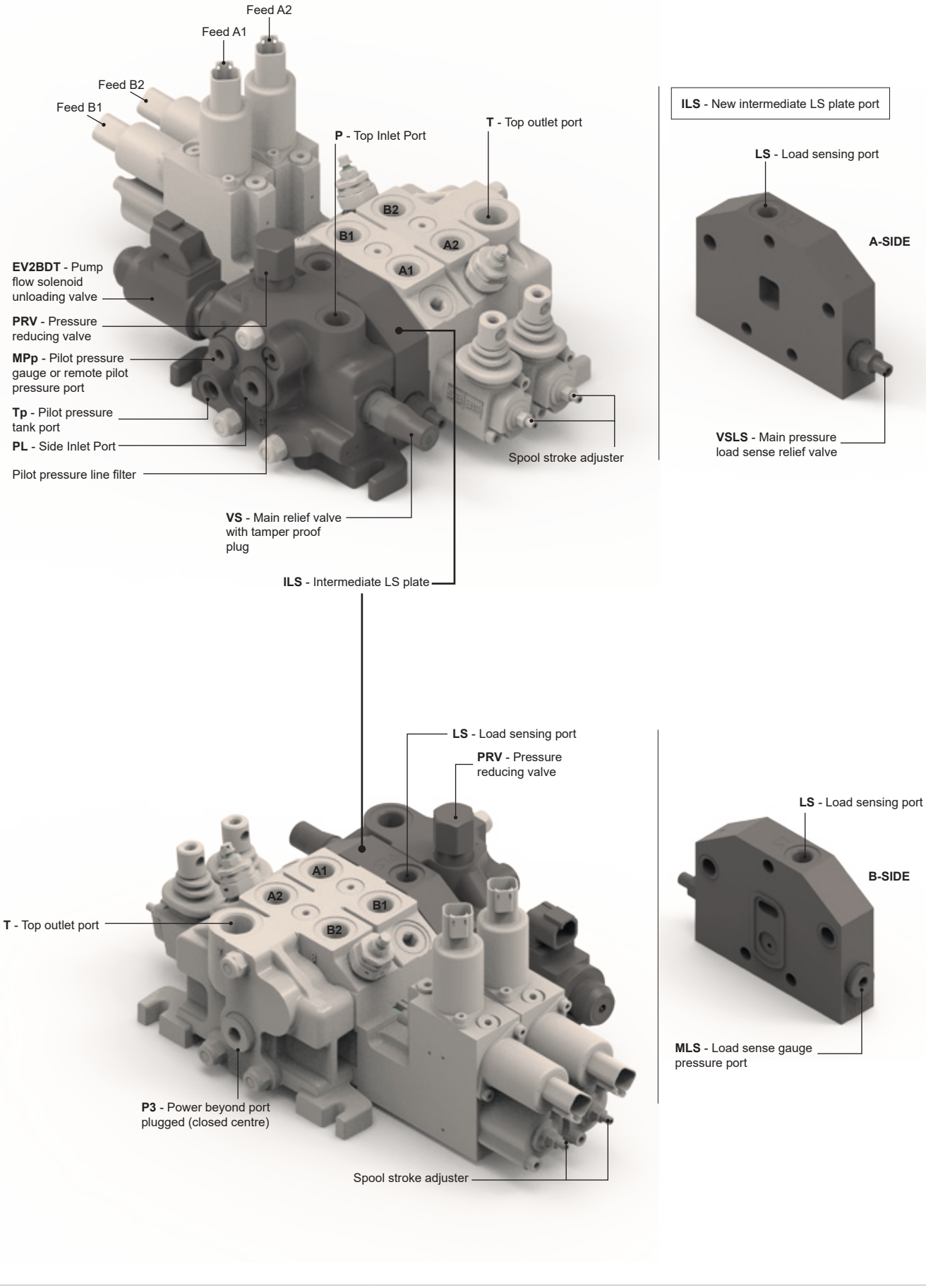
E0.254.0325.11.00IM00

VD6ZLS vs VD6LS

FEATURES	VD6ZLS	VD6LS
INLET ELEMENT	Main relief valve, solenoid unloading pump flow, pressure reducing valve, pilot pressure remote port, pilot tank port	Main relief valve, solenoid unloading pump flow
NEW INTERMEDIATE LS PLATE	LS main relief valve, LS port	LS main relief valve, LS port
OUTLET ELEMENT	VD6A standard	VD6A standard
WORKING SECTIONS	Spool with shuttle valve, LS crossing line, crossing pilot lines	Spool with shuttle valve, ls crossing line
STACKABLE WITH VD6LS	Sections must be stacked after the intermediate LS plate and upstream the VD6LS sections	Sections must be stacked downstream VD6ZLS sections
ELECTRO-HYDRAULIC PROPORTIONAL AND ON-OFF CONTROL	Fully integrated, no need of external pilot lines	NA
HYDRAULIC SPOOL CONTROL	Pilot pressure remote port used to feed hydraulic pilot joysticks	NA
SPOOL FLOW	40-60 l/min @ 14-26 bar pump stand-by pressure	40-60 l/min @ 14-26 bar pump stand-by pressure
	25-45 l/min @ 14-26 bar pump stand-by pressure	25-45 l/min @ 14-26 bar pump stand-by pressure
SPOOL CONTROL	SK,LK,NL,MP, SL, TC, L1/L2, IP, PP, P1/P2	NL,MP, SL, TC, L1/L2, IP, PP, P1/P2
SPOOL POSITIONING	C2, C3, R2, R4, R5, C0	C2, C3, R2, R4, R5, C0
STACKABLE WITH VD6A	NA	NA
OUTLET ELEMENT CONFIGURATION	Closed centre	Closed centre

E0.254.0325.11.00IM00

VD6ZLS Functional Description



Port Size and Thread

		P	PL	Tp	Pp	LS	A/B	T	TL2
BSP (UNI ISO 1179 - THREADS UNI ISO 228/1)	G1/4			X	X	X			
	G3/8	X	X				X		
	G1/2							X	X
SAE UN-UNF (UNI ISO 11926 - THREADS UNI ISO 725)	SAE4 (7/16-20 UNF)			X	X	X			
	SAE8 (3/4-16 UNF)	X	X				X		
	SAE10 (7/8-14 UNF)							X	X

Valves

INLET ELEMENT VALVES		INTERMEDIATE PLATE VALVES		WORKING SECTION VALVES	
Main pressure relief valve direct type	VS - Pressure setting 20-30 bar higher than VSLS pressure setting	Main pressure load sense relief valve	VSLS	Service port relief	VA
Pump flow solenoid unloading valve	EV1/EV2/EV3/EV4			Antishock and Anticavitation valve	AR
Pressure reducing valve	PRV			Anticavitation valve	VR
				Single/double acting conversion valve	CV

Proportional Pressure Control Valve

ELECTRICAL DATA				
	KE1JA/KE1DT	KE2JA/KE2DT	ON-OFF	
VOLTAGE	12V	24V	12V	24V
MIN CURRENT	870mA	435mA	-	-
MAX CURRENT	1364mA	682mA	1400mA	700mA
RESISTANCE	4.72 Ω +/-5%	20.8 Ω +/-5%	4.72 Ω +/-5%	20.8 Ω +/-5%
PWM FREQUENCY	100HZ	100HZ	DIRECT CURRENT	DIRECT CURRENT
SUPER IMPOSED DITHER FREQUENCY	100HZ (AMPLITUDE 200mA)	100HZ (AMPLITUDE 100mA)	-	-
CONNECTOR	AMP JUNIOR TIMER (JA)			
	DEUTSCH DT04-2P (DT)			
PROTECTION CLASS	IP6K6			
HYDRAULIC DATA				
MAX VOLUME FLOW @ 6bar ΔP	2.5-5 l/min			
MAX PRESSURE FROM PRV	35bar			
MAX WORKING PRESSURE	25bar			
MAX TANK SIDE PRESSURE	5bar			
INTERNAL LEAKAGE @ 35bar 32cSt	< 0.06 l/min (DE-ENERGIZED) <0.15 l/min (ENERGIZED)			
CONTAMINATION LEVEL	MIN FILTRATION: 20/18/15 ACCORDING TO ISO 4406			
FILTERSCREEN SIZE	200 µm			

E0.254.0325.11.00IM00

Inlet and Outlet Element Matching Configurations

INLET ELEMENT CONFIGURATIONS

	P	PL	MPp	Tp
Z01	OPEN	PLUGGED	PLUGGED	OPEN
Z02	PLUGGED	OPEN	PLUGGED	OPEN
Z03	OPEN	PLUGGED	OPEN	PLUGGED
Z04	PLUGGED	OPEN	OPEN	PLUGGED

OUTLET ELEMENT CONFIGURATIONS

	T	TL	TL2	P3	NOTES
U7	OPEN	NA	NA	PLUGGED	CLOSED CENTRE
U7L2	PLUGGED	NA	OPEN	PLUGGED	CLOSED CENTRE

INTERMEDIATE LS PLATE CONFIGURATIONS

	LS
ILS	OPEN

MATCHING CONFIGURATIONS

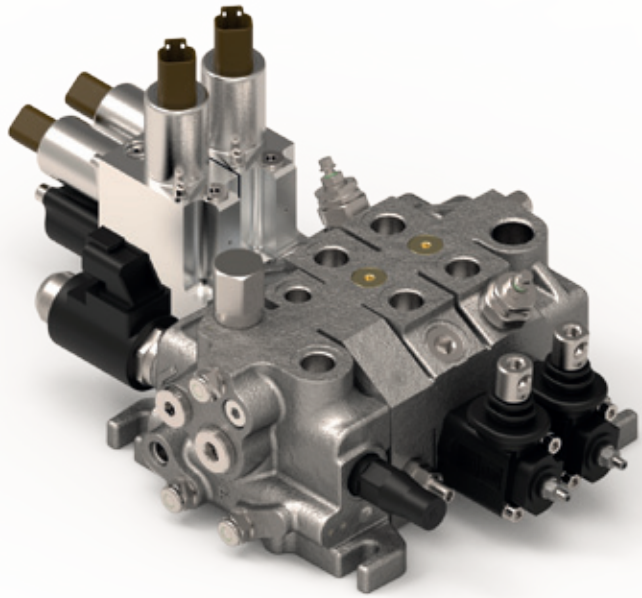
	Z01	Z02	Z03	Z04
U7	**X**	**X**	**X**	**X**
U7L2	**X**	**X**	**X**	**X**

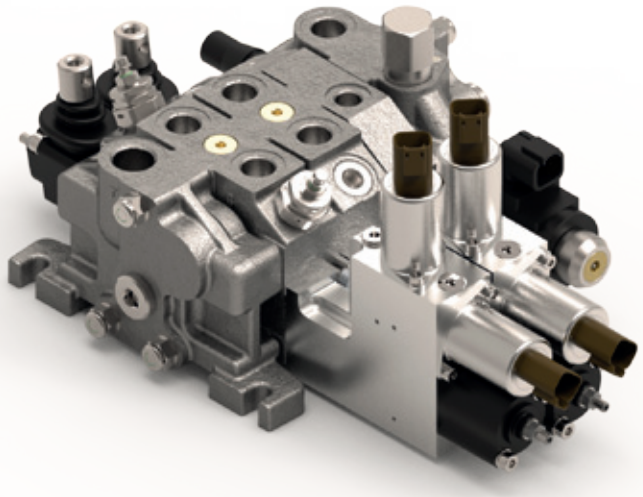
E0.254.0325.11.00IM00

VD6ZLS Configurations

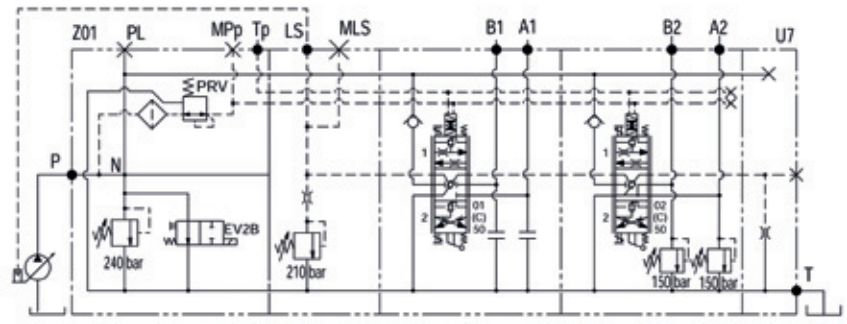
Example

2 Bank
VD6ZLS- Z01D240 -EV2BDT/ILS(210)/P01C50-PRA.PRB-NLEA-KE2DT/
/P02C50-VA150A.VA150B-NLEA-KE2DT/U7G

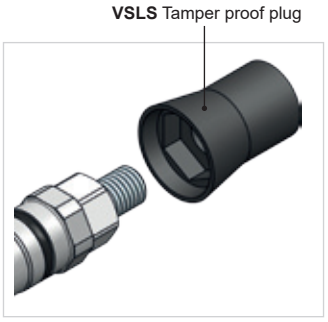


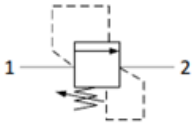


Hydraulic Circuit



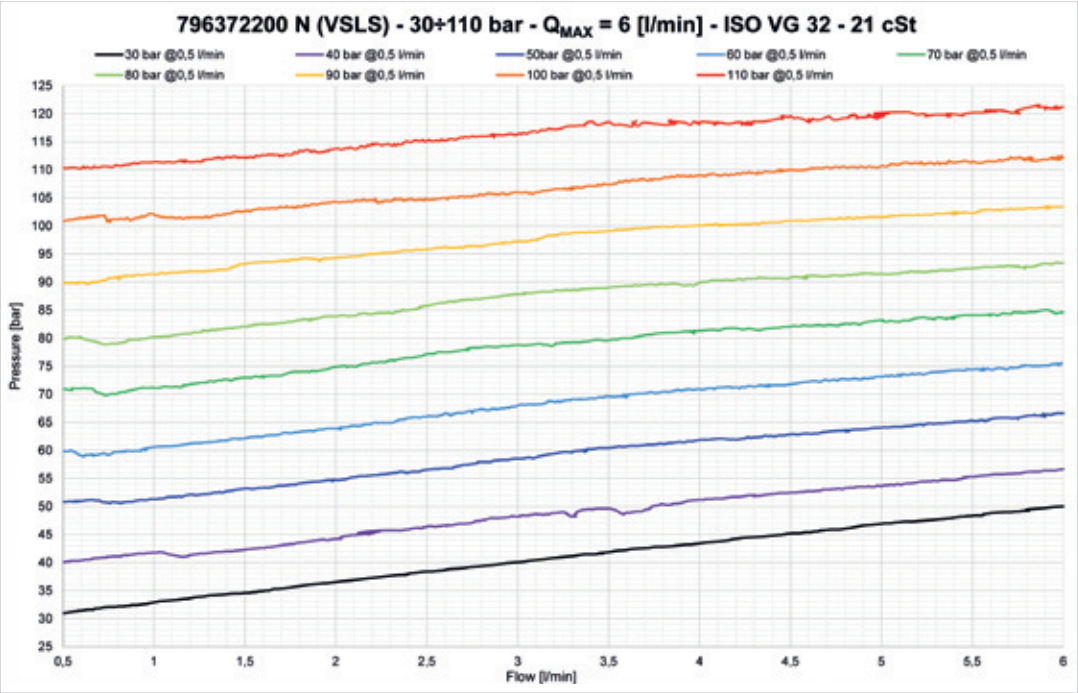
Load Sense Main Relief Valve - VSLS

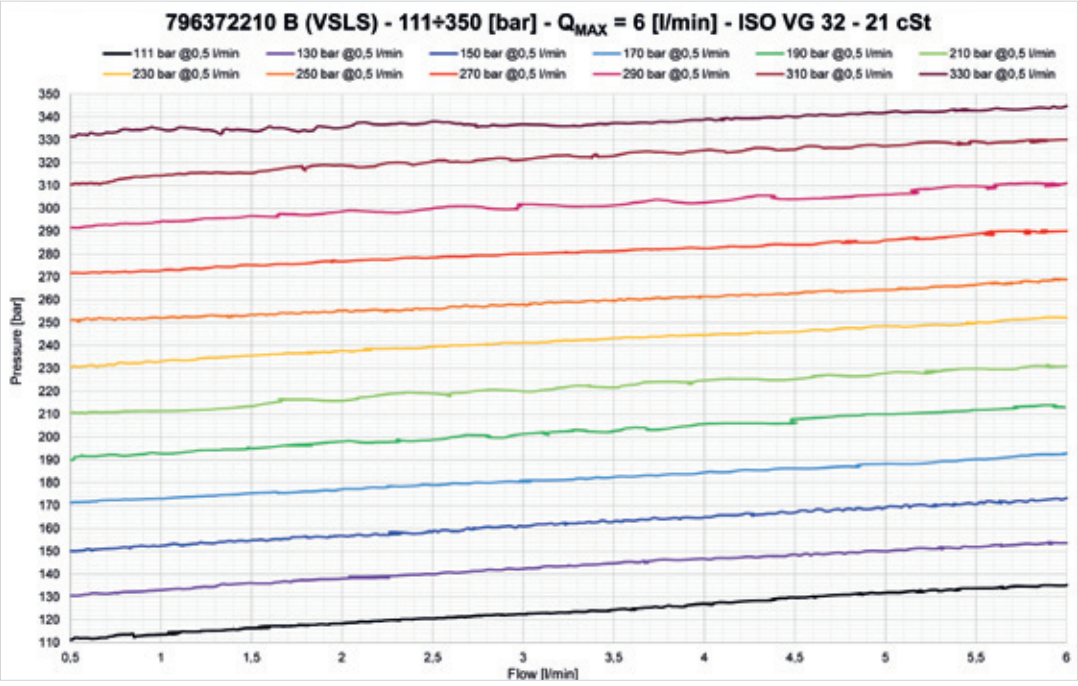




QMAX
6l/min – 1.5GPM

Pressure setting range
30-110 bar
111-350 bar





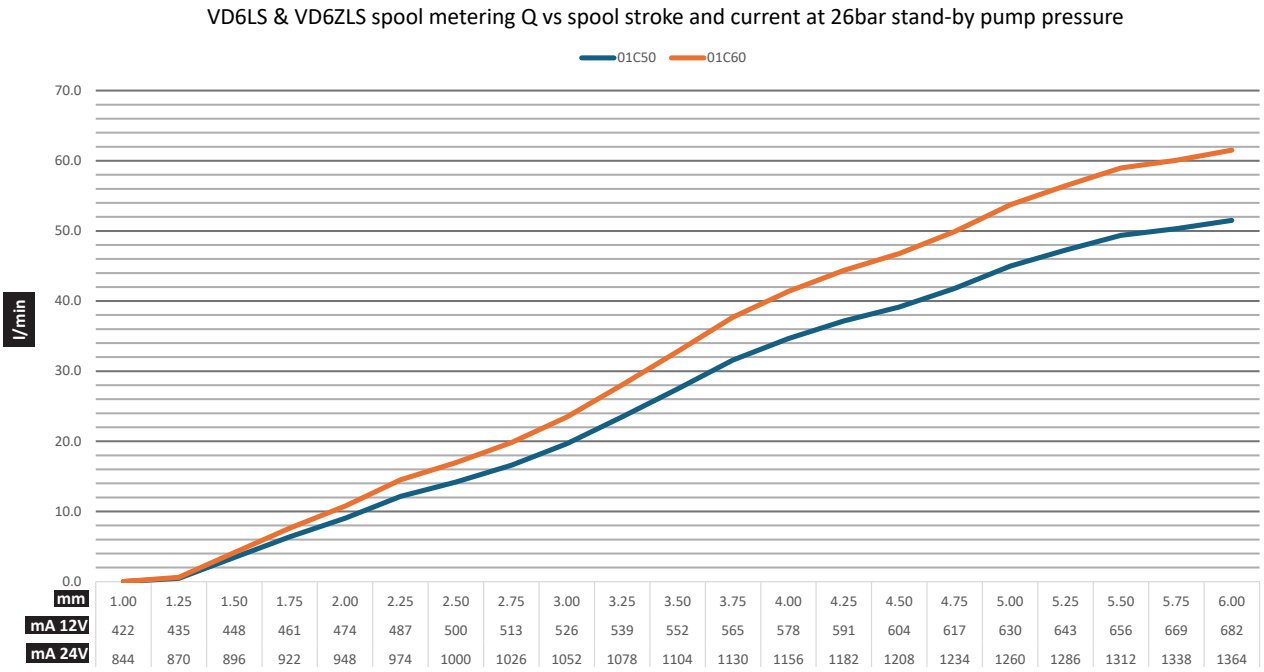
E0.254.0325.11.00IM00

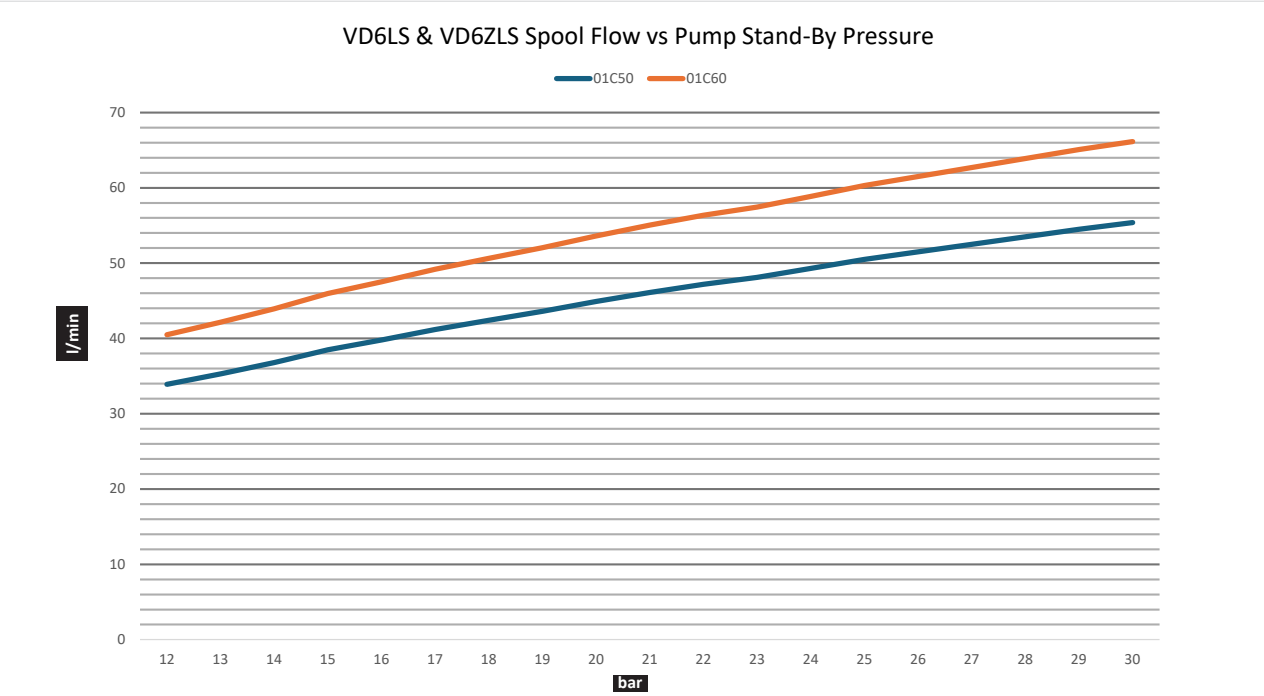
Spools

TYPE	FLOW CONTROL
01C60 - Double acting cylinder spool	45-60l/min @ 14-26 bar pump stand-by pressure
02C60 - Double acting motor spool	
01C50 - Double acting cylinder spool	35-50l/min @ 14-26 bar pump stand-by pressure
02C50 - Double acting motor spool	

Oil ISO VG32 at 21 cSt

Flow Vs Spool Stroke Metering Curves





VD6ZLS

Electro-proportional for variable displacement LS pump

How to Order

► See Technical Catalogue **VD6A** (E0.05.1011.02.03)

VD6ZLS	Z01	D	210	-	EV2BDT	/	ILS	210	/	2	X	P	01C	60	-	VA	150	A	.	VA	150	B	-	NLE	A	-	KE2DT	/	U7	G
	A	B	C		D		E	F		G		H	I			L		M		L		M		N	O		P		Q	R

A – INLET ELEMENT

Z01-Z02-Z03-Z04

B – MAIN RELIEF VALVE

D	Direct main relief valve
W	Without main relief valve

C – MAIN RELIEF SETTING

From 25 to 350 bar *(360 to 5070 psi)*

D – PUMP FLOW SOLENOID UNLOADING VALVE

EV1-EV2-EV3-EV4

E – INTERMEDIATE LS PLATE

ILS

F – VSLS SETTING

30-110 bar *(435 to 1595 psi)*
111-350 bar *(1600 to 5070 psi)*

G – NUMBER OF IDENTICAL CONSECUTIVE SECTIONS

H – WORKING SECTIONS

P	Parallel circuit

I – SPOOL TYPES

01C	Double acting spool for hydraulic control High metering
02C	Double acting motor spool for hydraulic control High metering

I – SPOOL NOMINAL FLOW

50	35-50l/min @ 14-26 bar pump stand-by pressure
60	45-60l/min @ 14-26 bar pump stand-by pressure

L – AUXILIARY VALVES

VA	Service port relief
AR	Antishock and Anticavitation valve
VR	Anticavitation valve
CV	Single/double acting conversion valve

R – PORTS

G	GAS - BSP Threaded (ISO 228)
S	SAE UN - UNF Threaded (ISO 725)

Q – OUTLET ELEMENT

U7-U7L2

P – SPOOL POSITIONINGS

KE1JA	Electro-hydraulic proportional and ON-OFF control 12V - AMP JUNIOR TIMER
KE2JA	Electro-hydraulic proportional and ON-OFF control 24V - AMP JUNIOR TIMER
KE1DT	Electro-hydraulic proportional and ON-OFF control 12V - DEUTSCH DT04-2P
KE2DT	Electro-hydraulic proportional and ON-OFF control 24V - DEUTSCH DT04-2P

O – CONTROL SIDE

A	A port side

N – SPOOLS CONTROLS

NLE	Manual lever box with spool stroke adjuster, dual manual command.

M – PORT ON WHICH THE VALVE IS MOUNTED

E0.254.0325.11.00IM00

www.salami.it

You can find our most up to date “STANDARD SALES CONDITIONS” on our website.
Potete trovare le nostre più aggiornate “CONDIZIONI DI VENDITA STANDARD” sul nostro sito.

Ph. +39 059 387 411 - sales@salami.it

YouTube

Watch our tutorials on our official youtube channels:

Salami Fluid Power
Salami Fluid Power World
Salami Fluid Power France
Salami Fluid Power España
Salami Fluid Power Deutsch

SALAMI S.P.A.
Via Emilia Ovest 1006
41123 Modena (Italy)
T. +39 059 387 411
F. +39 059 387 639
sales@salami.it

SALAMI FRANCE
22, rue Louis Saillant
69120 Valux en Velin
Lyon
T. +33-04-78809941
F. +33-04-78803669
e.pasian@salami.fr

SALAMI ESPAÑA
Poligono Industrial Armenteres
C/Primer de Maig, 18, Nave 4
08980 San Feliu de Llobregat
Barcelona
T. +34-93-6665451
F. +34-93-6667826
info@salamispain.com

SALAMI HYDRAULICS N.A INC
4630 Crossroads Park Drive
Liverpool
NY 13088 - USA
T. +1-315-295-2363
F. +1-315-295-2364
info@salamihydraulics.com

www.salami.it