

Type VOSL/N1116 - VOSL/R1116 - VOSL/V1116 counterbalance valves

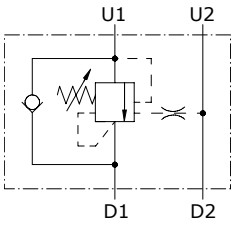
- Single acting
- Load Sensitive (type N)
- Relief compensated (type R)
- Vented (type V)
- Configuration with F1 and F2 flange

Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C *(104°F)* temperature.

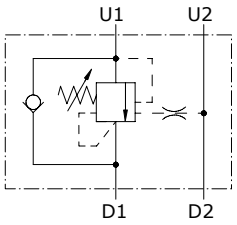
		VOSL/N1116 (38-12) - VOSL/R1116 (38-12) - VOSL/V1116 (38-12)
Nominal flow		60 l/min *(15.9 US gpm)*
Max. pressure		Aluminium body = 210 bar *(3050 psi)* Steel body = 350 bar *(5100 psi)*
Oil leakage		0.25 cm^3/min - *0.015 in^3/min.* (5 drops) at 210 bar - *3050 psi*
Fluid		mineral based oil
Viscosity		from 10 to 200 cSt
Max. level of contamination		18/16/13 ISO4406
Fluid temperature		*with NBR seals* from -20°C *(-4°F)* to 80°C *(176°F)*
Environmental temp. for working conditions		from -40°C *(-40°F)* to 100°C *(212°F)*
Weight	*aluminium*	**VOSL/N1116/38:** 0.59 kg *(1.30 lb)* - **VOSL/N1116/12:** 0.75 kg *(1.65 lb)* **VOSL/R1116/38:** 0.64 kg *(1.41 lb)* - **VOSL/R1116/12:** 0.82 kg *(1.81 lb)* **VOSL/V1116/38:** 0.66 kg *(1.46 lb)* - **VOSL/V1116/12:** 0.83 kg *(1.83 lb)*
	steel	**VOSL/N1116/38:** 1.31 kg *(2.88 lb)* - **VOSL/N1116/12:** 1.74 kg *(3.84 lb)* **VOSL/N1116/38PB:** - **VOSL/N1116/12PB:** **VOSL/R1116/38:** 1.34 kg *(2.95 lb)* - **VOSL/R1116/12:** 1.73 kg *(3.81 lb)* **VOSL/V1116/38:** 1.36 kg *(2.88 lb)* - **VOSL/V1116/12:** 1.78 kg *(3.92 lb)*

NOTE - For different conditions, please contact Walvoil Sales Dpt.

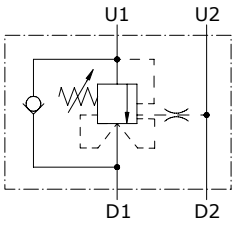
VOSL/N1116



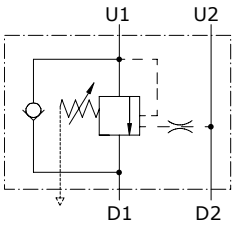
VOSL/N1116/PB



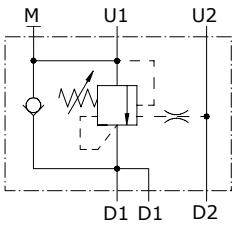
VOSL/R1116



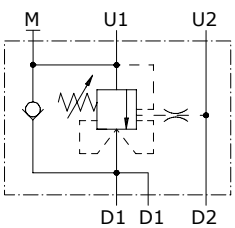
VOSL/V1116



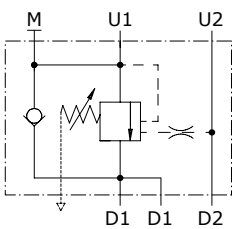
VOSL/N1116/F1



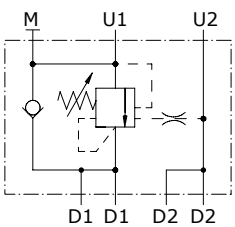
VOSL/R1116/F1



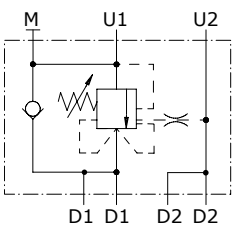
VOSL/V1116/F1



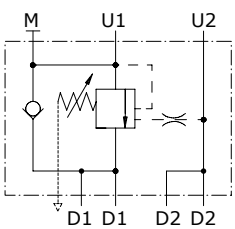
VOSL/N1116/F2



VOSL/R1116/F2

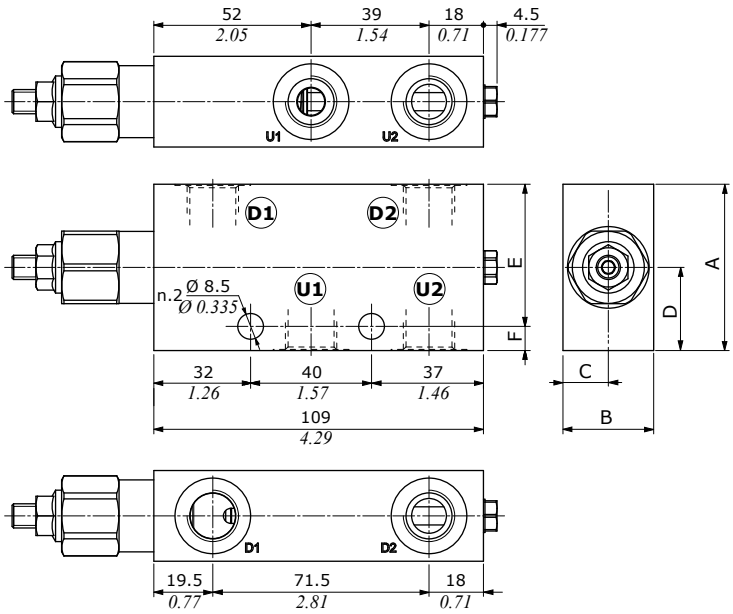


VOSL/V1116/F2

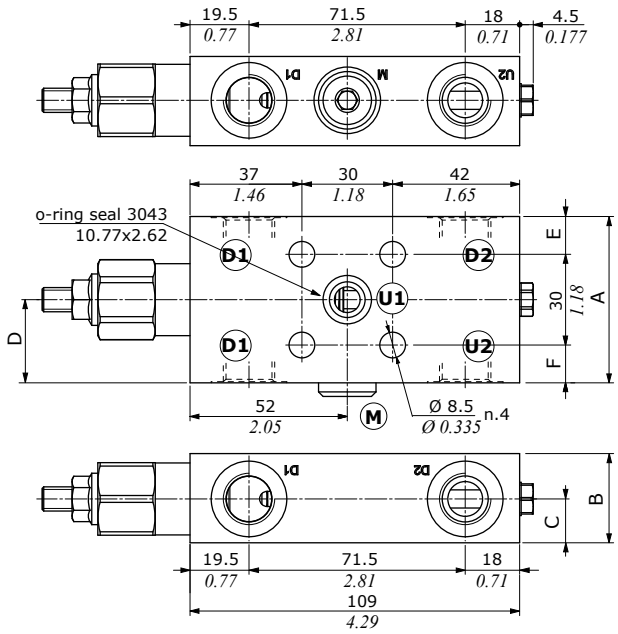


Dimensions

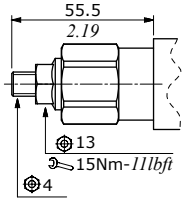
VOSL/...1116/38 - VOSL/...1116/12



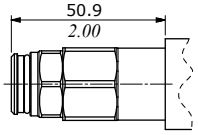
VOSL/...1116/38F1 - VOSL/...1116/12F1



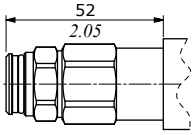
VOSL/N configuration



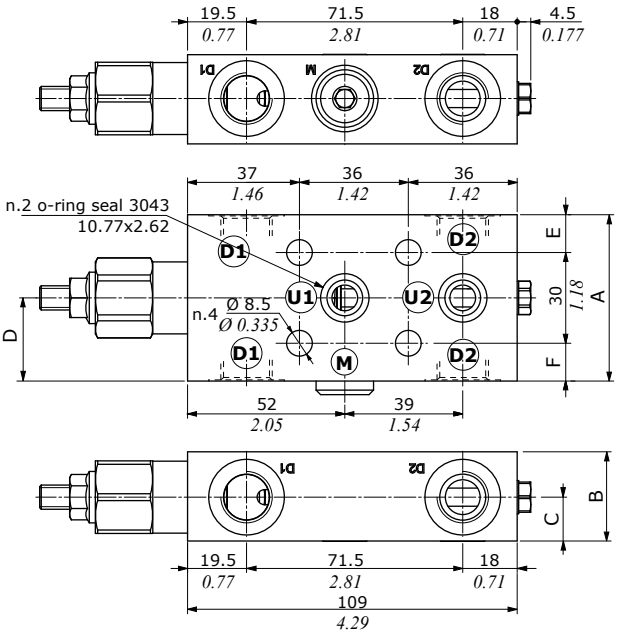
VOSL/R configuration



VOSL/V configuration



VOSL/...1116/38F2 - VOSL/...1116/12F2



Valve type	D1	D2	U1	U2	M
VOSL/...1116/38	G3/8	G3/8	G3/8	G3/8	-
VOSL/...1116/12	G1/2	G1/2	G1/2	G1/2	-
VOSL/...1116/38F1	G3/8	G3/8	Ø8.5 *Ø0.335*	G3/8	G1/4
VOSL/...1116/12F1	G1/2	G1/2	Ø8.5 *Ø0.335*	G1/2	G1/4
VOSL/...1116/38F2	G3/8	G3/8	Ø8.5 *Ø0.335*	Ø8.5 *Ø0.335*	G1/4
VOSL/...1116/12F2	G1/2	G1/2	Ø8.5 *Ø0.335*	Ø8.5 *Ø0.335*	G1/4

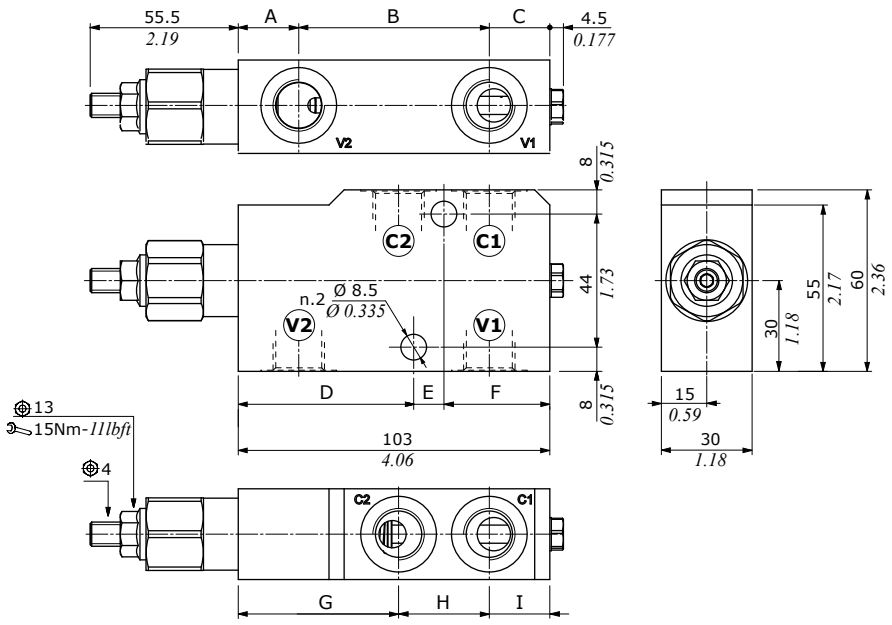
Valve type	D1	D2	U1	U2	M
VOSL/...1116/S8	SAE8	SAE8	SAE8	SAE8	-
VOSL/...1116/S10	SAE10	SAE10	SAE10	SAE10	-
VOSL/...1116/S8F1	SAE8	SAE8	Ø8.5 *Ø0.335*	SAE8	G1/4
VOSL/...1116/S10F1	SAE10	SAE10	Ø8.5 *Ø0.335*	SAE10	G1/4
VOSL/...1116/S8F2	SAE8	SAE8	Ø8.5 *Ø0.335*	Ø8.5 *Ø0.335*	G1/4
VOSL/...1116/S10F2	SAE10	SAE10	Ø8.5 *Ø0.335*	Ø8.5 *Ø0.335*	G1/4

Dimensions are in mm-*in*

Valve type	A	B	C	D	E	F
VOSL/...1116/38 **VOSL/...1116/S8**	55 *2.17*	30 *1.18*	15 *0.59*	27.5 *1.08*	47 *1.85*	8 *0.315*
VOSL/...1116/12 **VOSL/...1116/S10**	65 *2.26*	35 *1.38*	17.5 *0.69*	32.5 *1.28*	57 *2.24*	8 *0.315*
VOSL/...1116/38F1 **VOSL/...1116/S8F1**	55 *2.17*	29.5 *1.16*	14.5 *0.57*	27.5 *1.08*	12.5 *0.49*	12.5 *0.49*
VOSL/...1116/12F1 **VOSL/...1116/S10F1**	65 *2.26*	34.5- *1.36*	17 *0.67*	32.5 *1.28*	17.5 *0.69*	17.5 *0.69*
VOSL/...1116/38F2 **VOSL/...1116/S8F2**	55 *2.17*	29.5 *1.16*	14.5 *0.57*	27.5 *1.08*	12.5 *0.49*	12.5 *0.49*
VOSL/...1116/12F2 **VOSL/...1116/S10F2**	65 *2.26*	34.5 *1.36*	17 *0.67*	32.5 *1.28*	17.5 *0.69*	17.5 *0.69*

Ordering codes and description composition

VOSL/N1116/38PB - VOSL/N1116/12PB

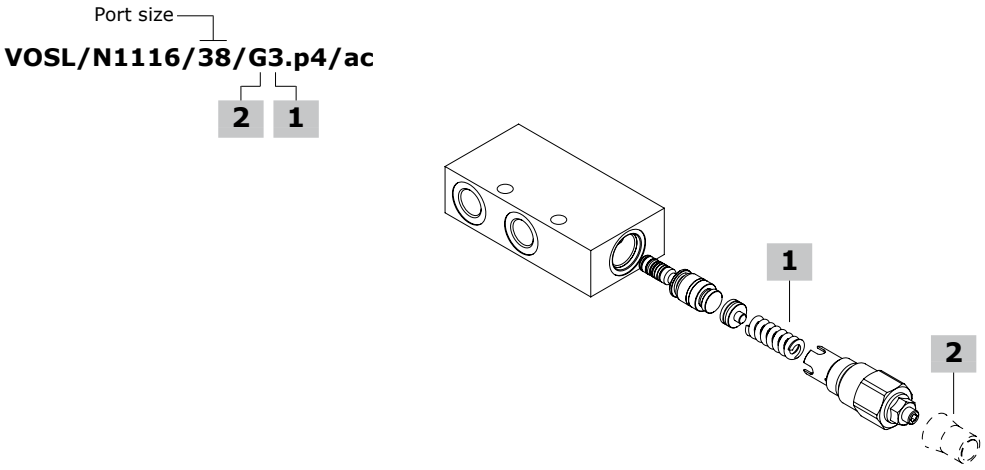


Valve type	All ports
VOSL/N1116/38PB	G3/8
VOSL/N1116/12PB	G1/2

Dimensions are in mm-*in*

Valve type	A	B	C	D	E	F	G	H	I
VOSL/N1116/38PB	20-*0.79*	63-*2.48*	20-*0.79*	58-*2.28*	10-*0.394*	35-*1.38*	53-*2.09*	30-*1.18*	20-*0.79*
VOSL/N1116/12PB	20-*0.79*	69-*2.72*	14-*0.55*	60.5-*2.38*	10-*0.394*	32.5-*1.28*	53-*2.09*	36-*1.42*	14-*0.55*

Ordering codes and description composition



VOSL/N1116 complete valves

Load sensitive (N) configuration with G3/8 thread

Pilot ratio 1:4

TYPE: **VOSL/N1116/38/G3.p4/ac** CODE: 1514322101
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38/G5.p4/ac** CODE: 1514322100
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38/G5.p4** CODE: 1514321100
DESCRIPTION: Aluminium body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/N1116/38/G5.p8/ac** CODE:1514322104
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/N1116/38/G3.p0/ac** CODE: 1514322106
DESCRIPTION: Steel body, range 5-210 bar *(72.5-3050 psi).* Std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38/G5.p0/ac** CODE: 1514322107
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with G3/8 thread and F1 flange

TYPE: **VOSL/N1116/38F1/G5.p4/ac** CODE: 1515022100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38F1/G5.p8/ac** CODE: 1515022101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38F1/G5.p0/ac** CODE: 1515022102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with G3/8 thread and F2 flange

TYPE: **VOSL/N1116/38F2/G5.p4/ac** CODE: 1515022103
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38F2/G5.p8/ac** CODE: 1515022104
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38F2/G5.p0/ac** CODE: 1515022105
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

VOSL/N1116 complete valves (continua)

Load sensitive (N) configuration with SAE8 thread

Pilot ratio 1:4

TYPE: **VOSL/N1116/S8/G3.p4/ac** CODE: 1514322200
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S8/G5.p4/ac** CODE: 1514322201
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S8/G5.p4** CODE: 1514321200
DESCRIPTION: Aluminium body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/N1116/S8/G5.p8/ac** CODE:1514322204
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/N1116/S8/G3.p0/ac** CODE: 1514322206
DESCRIPTION: Steel body, range 5-210 bar *(72.5-3050 psi).* Std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S8/G5.p0/ac** CODE: 1514322207
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with SAE8 thread and F1 flange

TYPE: **VOSL/N1116/S8F1/G5.p4/ac** CODE: 1515022200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S8F1/G5.p8/ac** CODE: 1515022201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S8F1/G5.p0/ac** CODE: 1515022202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with SAE8 thread and F2 flange

TYPE: **VOSL/N1116/S8F2/G5.p4/ac** CODE: 1515022203
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S8F2/G5.p8/ac** CODE: 1515022204
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S8F2/G5.p0/ac** CODE: 1515022205
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Ordering codes and description composition

VOSL/N1116 complete valves

Load sensitive (N) configuration with G1/2 thread

TYPE: **VOSL/N1116/12/G5.p4/ac** CODE: 1514332100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi), s*td setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12/G5.p8/ac** CODE: 1514332101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi), s*td setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12/G5.p0/ac** CODE: 1514332102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi), s*td setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12/G5.p4** CODE: 1514331100
DESCRIPTION: Aluminium body, pilot ratio 1:4 range 150-350 bar *(2175-5075 psi), s*td setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with G1/2 thread and F1 flange

TYPE: **VOSL/N1116/12F1/G5.p4/ac** CODE: 1515032100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12F1/G5.p8/ac** CODE: 1515032101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12F1/G5.p0/ac** CODE: 1515032102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with G1/2 thread and F1 flange

TYPE: **VOSL/N1116/12F2/G5.p4/ac** CODE: 1515032103
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12F2/G5.p8/ac** CODE: 1515032104
DESCRIPTION: Steel body, pilot ratio 1:8. Range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12F2/G5.p0/ac** CODE: 1515032105
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

For other configurations please contact our Sales Dpt.

VOSL/N1116 complete valves

Load sensitive (N) configuration with SAE10 thread

TYPE: **VOSL/N1116/S10/G5.p4/ac** CODE: 1514332200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi), s*td setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S10/G5.p8/ac** CODE: 1514332201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi), s*td setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S10/G5.p0/ac** CODE: 1514332202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi), s*td setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with SAE10 thread and F1 flange

TYPE: **VOSL/N1116/S10F1/G5.p4/ac** CODE: 1515032200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S10F1/G5.p8/ac** CODE: 1515032201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S10F1/G5.p0/ac** CODE: 1515032202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with SAE10 thread and F2 flange

TYPE: **VOSL/N1116/S10F2/G5.p4/ac** CODE: 1515032203
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S10F2/G5.p8/ac** CODE: 1515032204
DESCRIPTION: Steel body, pilot ratio 1:8. Range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/S10F2/G5.p0/ac** CODE: 1515032205
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

For other configurations please contact our Sales Dpt.

1 Pressure setting spring

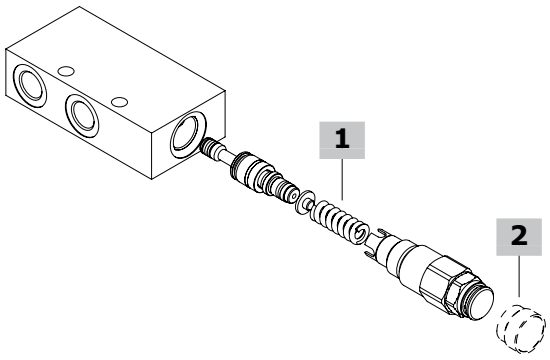
TYPE	CODE	DESCRIPTION
For 1:4 and zero differential pilot ratio		
3	3ML1133201	For range 50-210 bar *(725-3050 psi)*
5	3ML1133200	For range 150-350 bar *(2175-5075 psi)*
For 1:8 pilot ratio		
5	3ML1133201	For range 180-350 bar *(2610-5075 psi)*

2 Setting type

TYPE	CODE	DESCRIPTION
G	-	Screw setting
Z	4COP120420	Antitampering cap

Ordering codes and description composition

Port size
VOSL/R1116/38/G3.p4/ac
2 **1**



VOSL/R1116 complete valves

Relief compensated (R) configuration with G3/8 thread

Pilot ratio 1:4

TYPE: **VOSL/R1116/38/G3.p4/ac** CODE: 1514422101
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi),* std setting 150 bar *(2175 psi)* @5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/38/G5.p4/ac** CODE: 1514422100
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/38/G5.p4** CODE: 1514421100
DESCRIPTION: Aluminium body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/R1116/38/G5.p8/ac** CODE: 1514422104
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/R1116/38/G3.p0/ac** CODE: 1514422106
DESCRIPTION: Steel body, range 5-210 bar *(72.5-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/38/G5.p0/ac** CODE: 1514422107
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with G3/8 thread and F1 flange

TYPE: **VOSL/R1116/38F1/G5.p4/ac** CODE: 1515122100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/38F1/G5.p8/ac** CODE: 1515122101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/38F1/G5.p0/ac** CODE: 1515122102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with G3/8 thread and F2 flange

TYPE: **VOSL/R1116/38F2/G5.p4/ac** CODE: 1515122103
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/38F2/G5.p8/ac** CODE: 1515122104
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/38F2/G5.p0/ac** CODE: 1515122105
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

VOSL/R1116 complete valves

Relief compensated (R) configuration with SAE8 thread

Pilot ratio 1:4

TYPE: **VOSL/R1116/S8/G3.p4/ac** CODE: 1514422200
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi),* std setting 150 bar *(2175 psi)* @5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S8/G5.p4/ac** CODE: 1514422201
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/R1116/S8/G5.p8/ac** CODE: 1514422204
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/R1116/S8/G3.p0/ac** CODE: 1514422206
DESCRIPTION: Steel body, range 5-210 bar *(72.5-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S8/G5.p0/ac** CODE: 1514422207
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with SAE8 thread and F1 flange

TYPE: **VOSL/R1116/S8F1/G5.p4/ac** CODE: 1515122200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S8F1/G5.p8/ac** CODE: 1515122201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S8F1/G5.p0/ac** CODE: 1515122202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with SAE8 thread and F2 flange

TYPE: **VOSL/R1116/S8F2/G5.p4/ac** CODE: 1515122203
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S8F2/G5.p8/ac** CODE: 1515122204
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S8F2/G5.p0/ac** CODE: 1515122205
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Ordering codes and description composition

VOSL/R1116 complete valves

Relief compensated (R) configuration with G1/2 thread

TYPE: **VOSL/R1116/12/G5.p4/ac** CODE: 1514432100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/12/G5.p8/ac** CODE: 1514432101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/12/G5.p0/ac** CODE: 1514432102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/12/G5.p4** CODE: 1514431100
DESCRIPTION: Aluminium body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with G1/2 thread and F1 flange

TYPE: **VOSL/R1116/12F1/G5.p4/ac** CODE: 1515132100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/12F1/G5.p8/ac** CODE: 1515132101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* stdsetting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/12F1/G5.p0/ac** CODE: 1515132102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with G1/2 thread and F2 flange

TYPE: **VOSL/R1116/12F2/G5.p4/ac** CODE: 1515132103
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/12F2/G5.p8/ac** CODE: 1515132104
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/12F2/G5.p0/ac** CODE: 1515132105
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

For *o*ther configurations please contact our Sales Dpt.

VOSL/R1116 complete valves

Relief compensated (R) configuration with SAE10 thread

TYPE: **VOSL/R1116/S10/G5.p4/ac** CODE: 1514432200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S10/G5.p8/ac** CODE: 1514432201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S10/G5.p0/ac** CODE: 1514432202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S10/G5.p4** CODE: 1514431200
DESCRIPTION: Aluminium body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with SAE10 thread and F1 flange

TYPE: **VOSL/R1116/S10F1/G5.p4/ac** CODE: 1515132200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S10F1/G5.p8/ac** CODE: 1515132201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* stdsetting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S10F1/G5.p0/ac** CODE: 1515132202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Relief compensated (R) configuration with SAE10 thread and F2 flange

TYPE: **VOSL/R1116/S10F2/G5.p4/ac** CODE: 1515132203
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S10F2/G5.p8/ac** CODE: 1515132204
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/R1116/S10F2/G5.p0/ac** CODE: 1515132205
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

For *o*ther configurations please contact our Sales Dpt.

1 Pressure setting spring

TYPE	CODE	DESCRIPTION
For 1:4 and zero differential pilot ratio		
3	3ML1133201	For range 50-210 bar *(725-3050 psi)*
5	3ML1133200	For range 150-350 bar *(2175-5075 psi)*
For 1:8 pilot ratio		
5	3ML1133201	For range 180-350 bar *(2610-5075 psi)*

2 Setting type

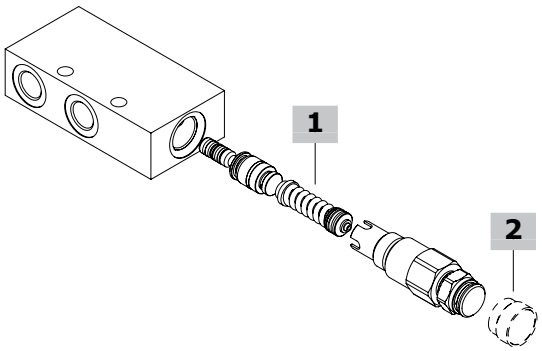
TYPE	CODE	DESCRIPTION
G	-	Screw setting
Z	4COP130200	Antitampering cap

Ordering codes and description composition

Port size

VOSL/V1116/38/G3.p4/ac

2 **1**



VOSL/V1116 complete valves

Vented (V) configuration with G3/8 thread

Pilot ratio 1:4

TYPE: **VOSL/V1116/38/G3.p4/ac** CODE: 1514522101
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/38/G5.p4/ac** CODE: 1514522100
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/38/G5.p4** CODE: 1514521100
DESCRIPTION: Aluminium body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/V1116/38/G5.p8/ac** CODE: 1514522104
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/V1116/38/G3.p0/ac** CODE: 1514522106
DESCRIPTION: Steel body, range 5-210 bar *(72.5-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/38/G5.p0/ac** CODE: 1514522107
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Vented (V) configuration with G3/8 thread and F1 flange

TYPE: **VOSL/V1116/38F1/G5.p4/ac** CODE: 1515222100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/38F1/G5.p8/ac** CODE: 1515222101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE:**VOSL/V1116/38F1/G5.p0/ac** CODE: 1515222102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Vented (V) configuration with G3/8 thread and F2 flange

TYPE: **VOSL/V1116/38F2/G5.p4/ac** CODE: 1515222103
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/38F2/G5.p8/ac** CODE: 1515222104
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/38F2/G5.p0/ac** CODE: 1515222105
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

VOSL/V1116 complete valves

Vented (V) configuration with SAE8 thread

Pilot ratio 1:4

TYPE: **VOSL/V1116/S8/G3.p4/ac** CODE: 1514522200
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S8/G5.p4/ac** CODE: 1514522201
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/V1116/S8/G5.p8/ac** CODE: 1514522204
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/V1116/S8/G3.p0/ac** CODE: 1514522206
DESCRIPTION: Steel body, range 5-210 bar *(72.5-3050 psi),* std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S8/G5.p0/ac** CODE: 1514522207
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Vented (V) configuration with SAE8 thread and F1 flange

TYPE: **VOSL/V1116/S8F1/G5.p4/ac** CODE: 1515222200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S8F1/G5.p8/ac** CODE: 1515222201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE:**VOSL/V1116/S8F1/G5.p0/ac** CODE: 1515222202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Vented (V) configuration with SAE8 thread and F2 flange

TYPE: **VOSL/V1116/S8F2/G5.p4/ac** CODE: 1515222203
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S8F2/G5.p8/ac** CODE: 1515222204
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S8F2/G5.p0/ac** CODE: 1515222205
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Ordering codes and description composition

VOSL/V1116 complete valves

Vented (V) configuration with G1/2 thread

TYPE: **VOSL/V1116/12/G5.p4/ac** CODE: 1514532100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/12/G5.p8/ac** CODE: 1514532101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/12/G5.p0/ac** CODE: 1514532102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/12/G5.p4** CODE: 1514531100
DESCRIPTION: Aluminium body pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* 5 l/min *(1.32 US gpm)*

Vented (V) configuration with G1/2 thread and F1 flange

TYPE: **VOSL/V1116/12F1/G5.p4/ac** CODE: 1515232100
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/12F1/G5.p8/ac** CODE: 1515232101
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/12F1/G5.p0/ac** CODE: 1515232102
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Vented (V) configuration with G1/2 thread and F2 flange

TYPE: **VOSL/V1116/12F2/G5.p4/ac** CODE: 1515232103
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/12F2/G5.p8/ac** CODE: 1515232104
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(72.5-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/12F2/G5.p0/ac** CODE: 1515232105
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

For other configurations please contact our Sales Dpt.

VOSL/V1116 complete valves

Vented (V) configuration with SAE10 thread

TYPE: **VOSL/V1116/S10/G5.p4/ac** CODE: 1514532200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S10/G5.p8/ac** CODE: 1514532201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S10/G5.p0/ac** CODE: 1514532202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Vented (V) configuration with SAE10 thread and F1 flange

TYPE: **VOSL/V1116/S10F1/G5.p4/ac** CODE: 1515232200
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S10F1/G5.p8/ac** CODE: 1515232201
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S10F1/G5.p0/ac** CODE: 1515232202
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Vented (V) configuration with SAE10 thread and F2 flange

TYPE: **VOSL/V1116/S10F2/G5.p4/ac** CODE: 1515232203
DESCRIPTION: Steel body, pilot ratio 1:4, range 150-350 bar *(2175-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S10F2/G5.p8/ac** CODE: 1515232204
DESCRIPTION: Steel body, pilot ratio 1:8, range 180-350 bar *(2610-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/V1116/S10F2/G5.p0/ac** CODE: 1515232205
DESCRIPTION: Steel body, zero differential pilot ratio, range 50-350 bar *(725-5075 psi),* std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

For other configurations please contact our Sales Dpt.

1 Pressure setting spring

TYPE	CODE	DESCRIPTION
For 1:4 and zero differential pilot ratio		
3	3ML1133201	For range 50-210 bar *(725-3050 psi)*
5	3ML1133200	For range 150-350 bar *(2175-5075 psi)*
For 1:8 pilot ratio		
5	3ML1133201	For range 180-350 bar *(2610-5075 psi)*

2 Setting type

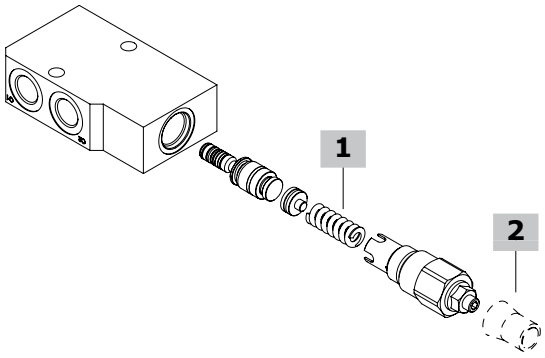
TYPE	CODE	DESCRIPTION
G	-	Screw setting
Z	4COP130200	Antitampering cap

Ordering codes and description composition

Port size

VOSL/N1116/38PB/G3.p4/ac

2 **1**



1 Pressure setting spring

TYPE	CODE	DESCRIPTION
For 1:4 and zero differential pilot ratio		
3	3ML1133201	For range 50-210 bar *(725-3050 psi)*
5	3ML1133200	For range 150-350 bar *(2175-5075 psi)*
For 1:8 pilot ratio		
5	3ML1133201	For range 180-350 bar *(2610-5075 psi)*

2 Setting type

TYPE	CODE	DESCRIPTION
G	-	Screw setting
Z	4COP130200	Antitampering cap

VOSL/N1116/PB complete valves

Load sensitive (N) configuration with G3/8 thread

Pilot ratio 1:4

TYPE: **VOSL/N1116/38PB/G3.p4/ac** CODE: 1514222101
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi)*, std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/38PB/G5.p4/ac** CODE: 1514222100
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/N1116/38PB/G5.p8/ac** CODE:1514222102
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/N1116/38PB/G5.p0/ac** CODE: 1514222103
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Load sensitive (N) configuration with G1/2 thread

Pilot ratio 1:4

TYPE: **VOSL/N1116/12PB/G3.p4/ac** CODE: 1514232101
DESCRIPTION: Steel body, range 50-210 bar *(725-3050 psi)*, std setting 150 bar *(2175 psi)* @ 5 l/min *(1.32 US gpm)*

TYPE: **VOSL/N1116/12PB/G5.p4/ac** CODE: 1514232100
DESCRIPTION: Steel body, range 150-350 bar *(2175-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Pilot ratio 1:8

TYPE: **VOSL/N1116/12PB/G5.p8/ac** CODE:1514232102
DESCRIPTION: Steel body, range 180-350 bar *(2610-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

Zero differential pilot ratio

TYPE: **VOSL/N1116/12PB/G5.p0/ac** CODE: 1514232103
DESCRIPTION: Steel body, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*

For other configurations please contact our Sales Dpt.

Ordering codes and description composition

VOSL/(N-R-V) 1116 (38-12) pressure drop vs. flow from D1->U1 and U1->D1

