

## VALVES D'EQUILIBRAGES OVERCENTER VALVES

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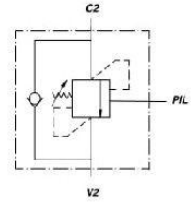
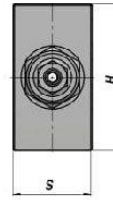
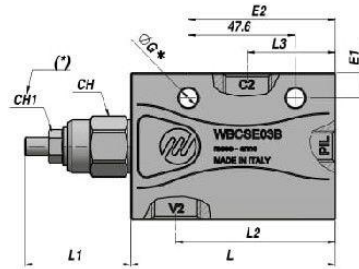
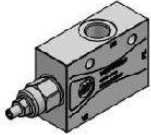
# VALVES D'EQUILBRAGES - OVERCENTER VALVES

## WBC-SE

**NEW!**

SIMPLE EFFET  
SINGLEACTING

VALVE D'EQUILBRAGE 3 VOIES  
3 WAY OVERCENTER VALVE



Code Code	V2 BSP	C2 BSP	PIL BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	L3	E1	E2	ØG	CH	CH1	H	S	kg
VSG411.1041B0	1/4"	1/4"	1/4"	40	350	1:4.1	WBC-SE 010 B	84	40	61.0	34.0	7.5	49.0	6.5	22	13	45	25	0,74
VSG411.2042B0	3/8"	3/8"	1/4"	60	350	1:4.2	WBC-SE 020 B	91	47	70.3	39.3	7.0	65.4	8.5	24	13	55	30	1,13
VSG411.3042B0	1/2"	1/2"	1/4"	60	350	1:4.2	WBC-SE 030 B	91	47	70.3	39.3	11.0	65.4	8.5	24	13	65	35	1,53

\* = Trou de fixation unique pour la version 010 - Single mounting hole for 010 version

(\*) = CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "A" 60-220 bar ( Réglage standard - Standard setting 200 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

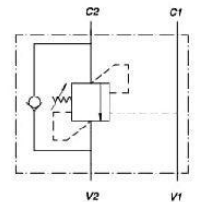
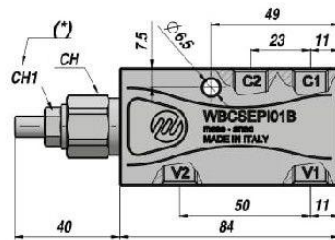
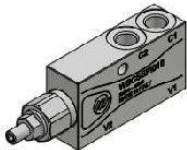
MONTAGE EN LIGNE  
LINE MOUNTING

## WBC-SEPI

**NEW!**

SIMPLE EFFET  
SINGLEACTING

VALVE D'EQUILBRAGE  
OVERCENTER VALVE



Code Code	V1-V2 BSP	C1-C2 BSP	M BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	CH	CH1	H	S	kg
VSG410.1041B0	1/4"	1/4"	-	40	350	1:4.1	WBC-SEPI 010 B	22	13	45	25	0,72

(\*) = CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "A" 60-220 bar ( Réglage standard - Standard setting 200 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

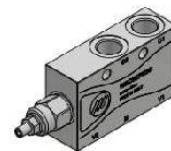
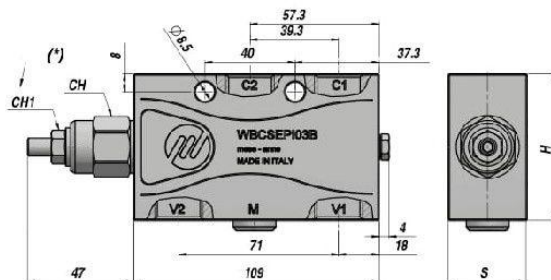
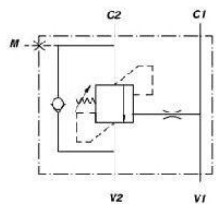
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE EN LIGNE  
LINE MOUNTING

VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

SIMPLE EFFET  
SINGLE ACTING

NEW! WBC-SEPI



Code Code	V1-V2 BSP	C1-C2 BSP	M BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	CH	CH1	H	S	kg
VSG410.2042B0	3/8"	3/8"	-	60	350	1:4.2	WBC-SEPI 020 B	24	13	55	30	1,33
VSG410.3042B0	1/2"	1/2"	1/4"	60	350	1:4.2	WBC-SEPI 030 B	24	13	65	35	1,77

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "A" 60-220 bar ( Réglage standard - Standard setting 200 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

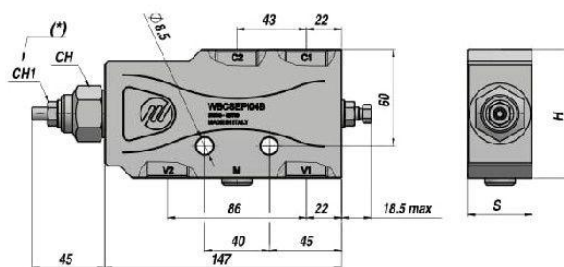
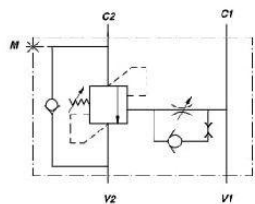
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE EN LIGNE  
LINE MOUNTING

VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

SIMPLE EFFET  
SINGLE ACTING

NEW! WBC-SEPI



Code Code	V1-V2 BSP	C1-C2 BSP	M BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	CH	CH1	H	S	kg
VSG410.4040B0	3/4"	3/4"	1/4"	150	350	1:4	WBC-SEPI 040 B	30	13	80	40	3,09

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RAPPORT DE PILOTAGE - PILOT RATIO : 1:6

MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE EN LIGNE  
LINE MOUNTING

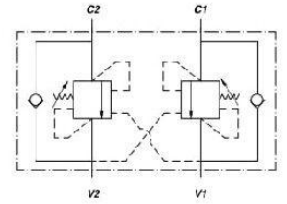
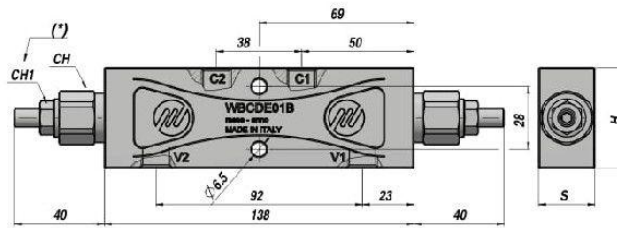
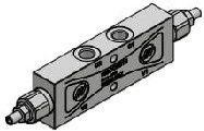
# VALVES D'EQUILBRAGES - OVERCENTER VALVES

**WBC-DE**

**NEW!**

**DOUBLE EFFET  
DOUBLE ACTING**

**VALVE D'EQUILBRAGE  
OVERCENTER VALVE**



Code Code	V1-V2 BSP	C1-C2 BSP	M BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	CH	CH1	H	S	kg
VSG412.1042B0	1/4"	1/4"	-	40	350	1:4.1	WBC-DE 010 B	22	13	45	25	1,25

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "A" 60-220 bar ( Réglage standard - Standard setting 200 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

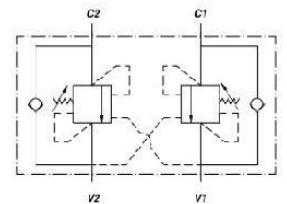
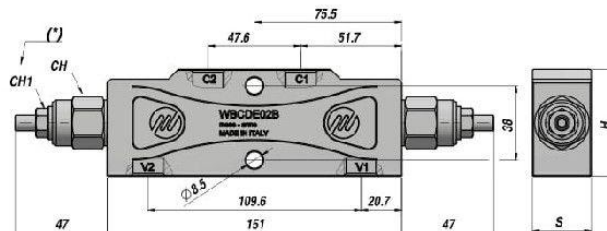
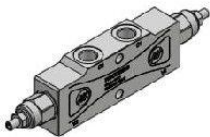
MONTAGE EN LIGNE  
LINE MOUNTING

**WBC-DE**

**NEW!**

**DOUBLE EFFET  
DOUBLE ACTING**

**VALVE D'EQUILBRAGE  
OVERCENTER VALVE**



Code Code	V1-V2 BSP	C1-C2 BSP	M BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	CH	CH1	H	S	kg
VSG412.2042B0	3/8"	3/8"	-	60	350	1:4.2	WBC-DE 020 B	24	13	55	30	1,85
VSG412.3042B0	1/2"	1/2"	-	60	350	1:4.2	WBC-DE 030 B	24	13	65	35	2,50

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "A" 60-220 bar ( Réglage standard - Standard setting 200 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

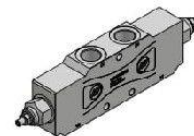
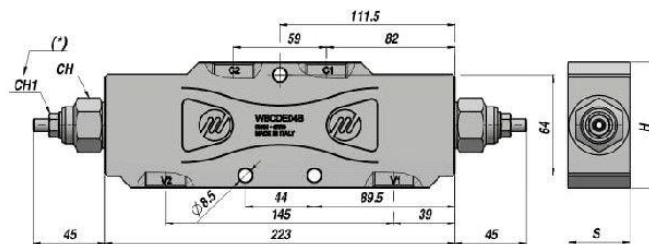
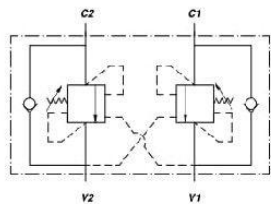
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE EN LIGNE  
LINE MOUNTING

VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

DOUBLE EFFET  
DOUBLE ACTING

NEW! WBC-DE



Code Code	V1-V2 BSP	C1-C2 BSP	M BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	CH	CH1	H	S	kg
VSG412.4040B0	3/4"	3/4"	-	150	350	1:4	WBC-DE 040 B	30	13	80	40	4,86

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RAPPORT DE PILOTAGE - PILOT RATIO : 1:6

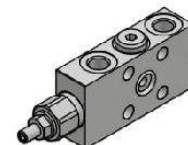
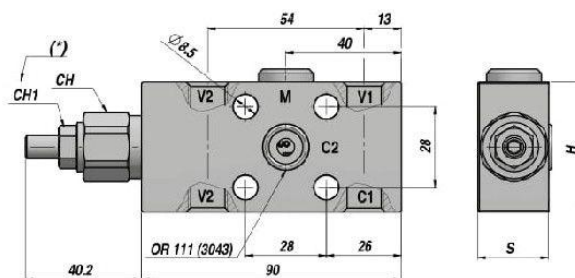
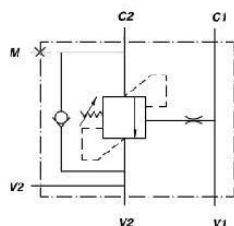
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE EN LIGNE  
LINE MOUNTING

VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

SIMPLE EFFET  
SINGLE ACTING

NEW! WBC-SEPI/FL



Code Code	V1-V2 BSP	C1 BSP	C2	M BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	CH	CH1	H	S	kg
VSG420.1041B0	1/4"	1/4"	Ø6	1/4"	40	350	1:4.1	WBC-SEPI-FL 010 B	22	13	45	24.5	0,72

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "A" 60-220 bar ( Réglage standard - Standard setting 200 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

FLASQUABLE  
FACE MOUNTING

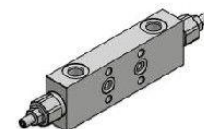
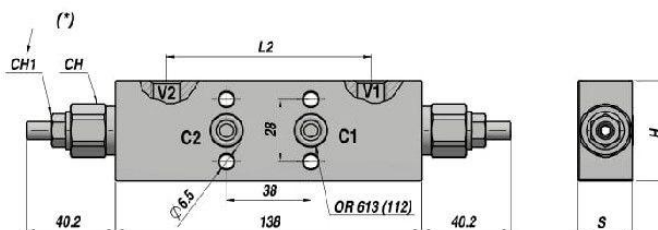
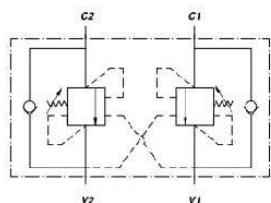


VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

DOUBLE EFFET  
DOUBLE ACTING

NEW!

WBC-DE/FL



Code Code	V1-V2 BSP	C1-C2	M	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L2	CH	CH1	H	S	kg
VSG422.1042B0	1/4"	Ø6	-	40	350	1:4.1	WBC-DE-FL 010 B	92	22	13	45	24.5	1,20

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "B" 100-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "A" 60-220 bar ( Réglage standard - Standard setting 200 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

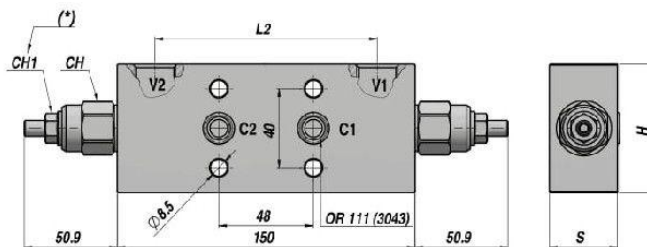
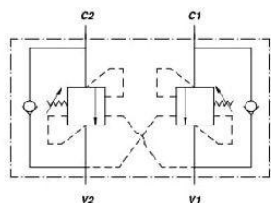
FLASQUABLE  
FACE MOUNTING

VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

DOUBLE EFFET  
DOUBLE ACTING

NEW!

VODL/N116



Code Code	V1-V2 BSP	C1-C2	M	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L2	CH	CH1	H	S	kg
V555122106	3/8"	Ø8.5	-	60	350	1:4	VODL/N1116/38F2/G5.p4/ac	112	24	13	55.0	29.5	1,80
V555132107	1/2"	Ø8.5	-	60	350	1:4	VODL/N1116/12F2/G5.p4/ac	112	24	13	65.0	34.5	2,40

(\*)= CH1 : Couple de serrage - Tightening torque : Max 15 Nm

RESSORT - SPRING : Type "G5" 50-350 bar ( Réglage standard - Standard setting 350 bar )

SUR DEMANDE - ON REQUEST :

RESSORT - SPRING : Type "G3" 5-210 bar ( Réglage standard - Standard setting 150 bar )

RAPPORT DE PILOTAGE - PILOT RATIO : 1:8

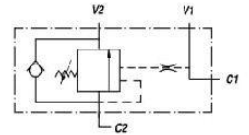
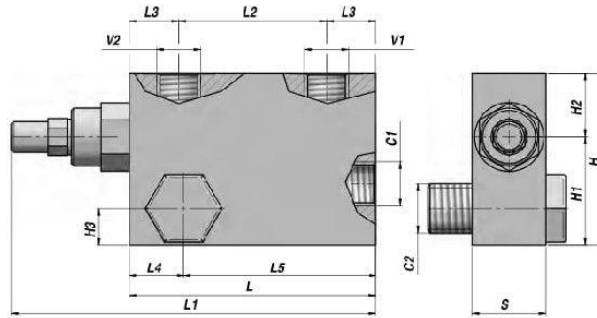
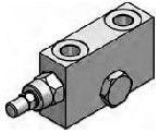
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

FLASQUABLE  
FACE MOUNTING

**VBCD/A SE-FLV**

**SIMPLE EFFET  
SINGLE ACTING**

**VALVE D'EQUILBRAGE  
OVERCENTER VALVE**



Code Code	V1 - V2 BSP	C1 - C2 BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	L3	L4	L5	H1	H2	H3	H	S	kg
V2190.0392FLV	3/8"	3/8"	40	350	1:4.5	VBCD/A SE-FLV 3/8"	100	150	60	20	22	78	40	30	15	70	30	1,35
V2190.0412FLV	1/2"	1/2"	60	350	1:4.5	VBCD/A SE-FLV 1/2"	100	150	60	20	24	76	40	30	15	70	30	1,31

Réglage standard - Standard setting : 320 bar

Réglage Minimum - Minimum setting : 200 bar

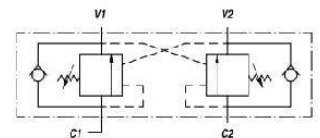
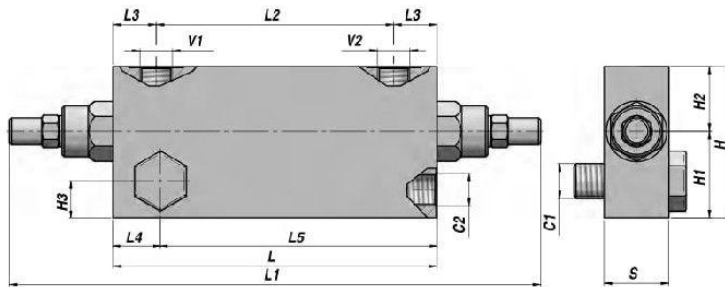
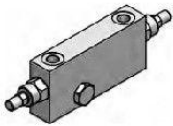
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE SUR VERIN  
CYLINDER MOUNTING

**VBCD/A DE-FLV**

**DOUBLE EFFET  
DOUBLE ACTING**

**VALVE D'EQUILBRAGE  
OVERCENTER VALVE**



Code Code	V1 - V2 BSP	C1 - C2 BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	L3	L4	L5	H1	H2	H3	H	S	kg
V2290.0422FLV	3/8"	3/8"	40	350	1:4.5	VBCD/A DE-FLV 3/8"	150	250	110	20	22	128	44	26	17	70	30	2,41
V2290.0432FLV	1/2"	1/2"	60	350	1:4.5	VBCD/A DE-FLV 1/2"	150	250	110	20	24	126	50	30	19	80	30	2,70

Réglage standard - Standard setting : 320 bar

Réglage Minimum - Minimum setting : 200 bar

MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

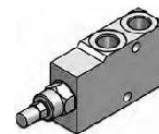
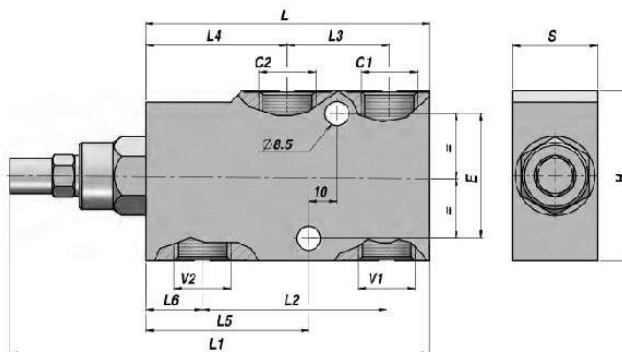
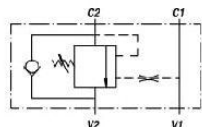
MONTAGE SUR VERIN  
CYLINDER MOUNTING



VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

SIMPLE EFFET  
SINGLE ACTING

**VBCD/A SE**



Code Code	V1 - V2 BSP	C1 - C2 BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	L3	L4	L5	L6	E	H	S	kg
V2190.A400	1/4"	1/4"	20	350	1:4.5	VBCD/A SE 1/4"	100	149	60.0	30	50.0	55.0	20.0	44	60	30	1,31
V2190.A600	3/8"	3/8"	40	350	1:4.5	VBCD/A SE 3/8"	100	149	60.0	30	50.0	55.0	20.0	44	60	30	1,26
V2190.A800	1/2"	1/2"	60	350	1:4.5	VBCD/A SE 1/2"	100	149	65.0	36	50.0	57.5	20.0	44	60	30	1,20
V2190.A120	3/4"	3/4"	95	350	1:5.5	VBCD/A SE 3/4"	127	187	85.0	46	62.5	75.0	23.5	44	80	35	2,37
V2190.A160	1"	1"	160	350	1:5.5	VBCD/A SE 1"	156	213	109.5	70	63.0	75.0	23.5	70	90	50	5,52

Réglage standard - Standard setting : 320 bar

Réglage Minimum - Minimum setting : 200 bar

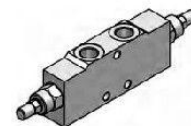
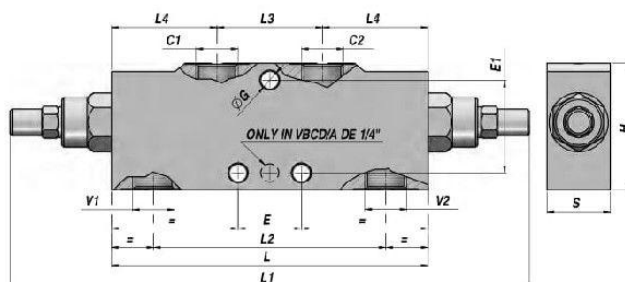
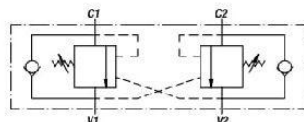
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE EN LIGNE  
LINE MOUNTING

VALVE D'EQUILIBRAGE  
OVERCENTER VALVE

DOUBLE EFFET  
DOUBLE ACTING

**VBCD/A DE**



Code Code	V1 - V2 BSP	C1 - C2 BSP	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	L3	L4	ØG	E	E1	H	S	kg
V2290.A400	1/4"	1/4"	20	350	1:4.5	VBCD/A DE 1/4"	125	237	94	38	43.5	6.5	-	28	55	30	1,07
V2290.A600	3/8"	3/8"	40	350	1:4.5	VBCD/A DE 3/8"	150	248	110	50	50.0	8.5	30	44	60	30	1,94
V2290.A800	1/2"	1/2"	60	350	1:4.5	VBCD/A DE 1/2"	150	248	110	50	50.0	8.5	30	44	60	30	1,89
V2290.A120	3/4"	3/4"	95	350	1:5.5	VBCD/A DE 3/4"	190	304	143	65	62.5	8.5	44	64	80	35	3,82
V2290.A160	1"	1"	160	350	1:5.5	VBCD/A DE 1"	210	319	158	66	72.0	8.5	190	-	90	50	7,12

Réglage standard - Standard setting : 320 bar

Réglage Minimum - Minimum setting : 200 bar

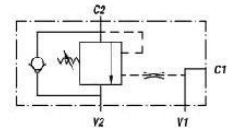
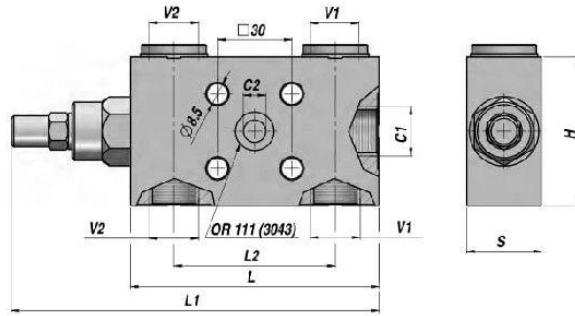
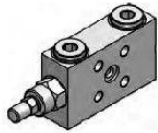
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

MONTAGE EN LIGNE  
LINE MOUNTING

**VBCD/FL SE**

SIMPLE EFFET  
SINGLE ACTING

VALVE D'EQUILIBRE  
OVERCENTER VALVE



Code Code	V1 - V2 BSP	C1 BSP	C2	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	H	S	kg
V2190.B600	3/8"	3/8"	Ø9	40	350	1:4.5	VBCD/FL SE 3/8"	100	149	60	60	30	1,25
V2190.B800	1/2"	1/2"	Ø9	60	350	1:4.5	VBCD/FL SE 1/2"	100	149	65	60	30	1,21

Réglage standard - Standard setting : 320 bar

Réglage Minimum - Minimum setting : 200 bar

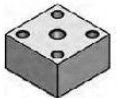
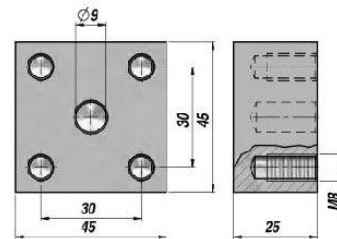
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

FLASQUABLE  
FACE MOUNTING

Embase pour VBCD...FL/SE - Sub-plate for VBCD...FL/SE

Code Code	Type Type
V9990.8000	B8000 - 45x45x25

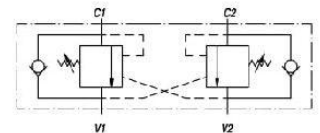
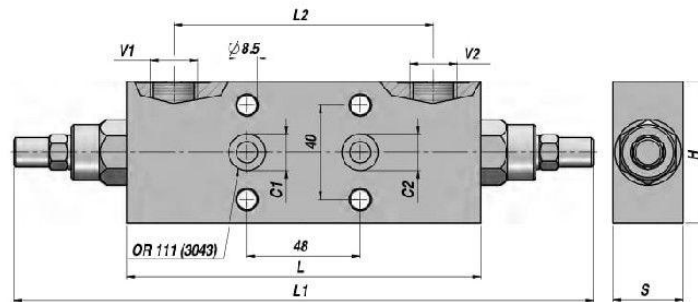
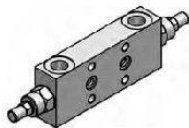
MATERIEL - MATERIAL : ACIER - STEEL



**VBCD/FL DE**

DOUBLE EFFET  
DOUBLE ACTING

VALVE D'EQUILIBRE  
OVERCENTER VALVE



Code Code	V1 - V2 BSP	C1 - C2	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	H	S	kg
V2290.B600	3/8"	Ø9	40	350	1:4.5	VBCD/FL DE 3/8"	150	248	110	60	30	2,01
V2290.B800	1/2"	Ø9	60	350	1:4.5	VBCD/FL DE 1/2"	150	248	110	60	30	1,98

Réglage standard - Standard setting : 320 bar

Réglage Minimum - Minimum setting : 200 bar

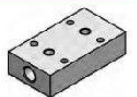
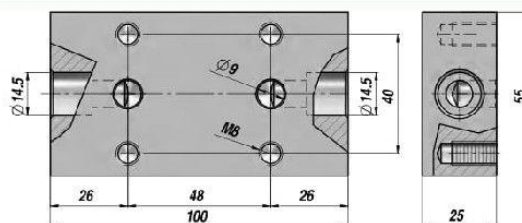
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

FLASQUABLE  
FACE MOUNTING

Embase pour VBCD...FL/DE - Sub-plate for VBCD...FL/DE

Code Code	Type Type
V9990.8500	B8500 - 100x55x25

MATERIEL - MATERIAL : ACIER - STEEL

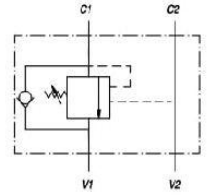
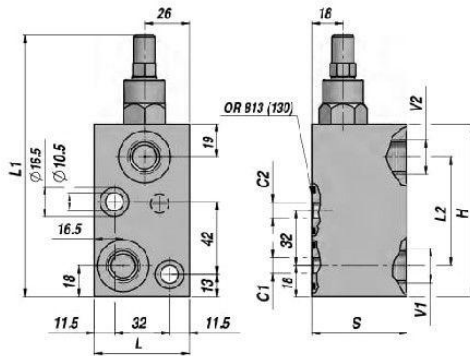




**VBCDF-SE (MS)**

SIMPLE EFFET  
SINGLE ACTING

VALVE D'EQUILIBRAGE POUR MOTEURS MPS-MCS  
OVERCENTER VALVE FOR "MPS-MCS" MOTORS



Code Code	V1 - V2 BSP	C1 - C2	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	H	S	kg
V2190.F416	1/2"	Ø9	50	350	1:4.5	VBCDF-SE 1/2"-S	55	148	63	100	55	1,70

Réglage standard - Standard setting : 300~ bar

Réglage Minimum - Minimum setting : 200 bar

SUR DEMANDE - ON REQUEST :

VBCDF/SF-SE ...AVEC DEBLOCAGE FREIN - WITH BRAKE RELEASE PORT

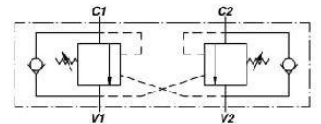
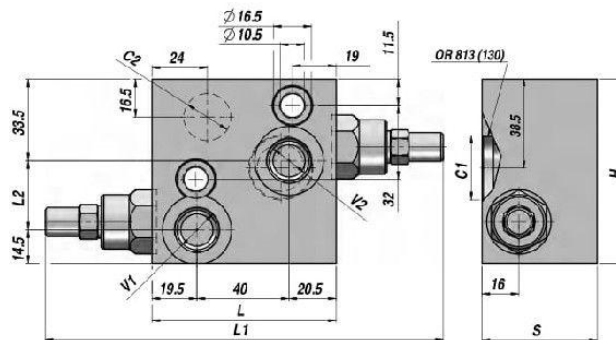
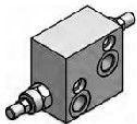
MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

FLASQUABLE  
FACE MOUNTING

**VBCDF-DE (MS)**

DOUBLE EFFET  
DOUBLE ACTING

VALVE D'EQUILIBRAGE POUR MOTEURS MPS-MCS  
OVERCENTER VALVE FOR "MPS-MCS" MOTORS



Code Code	V1 - V2 BSP	C1 - C2	Q MAX l/min	P MAX bar	PILOT RATIO	Type Type	L	L1	L2	H	S	kg
V2290.F426	1/2"	Ø9	50	350	1:4.5	VBCDF-DE 1/2"-S	80	170	30	80	50	2,15

Réglage standard - Standard setting : 300~ bar

Réglage Minimum - Minimum setting : 200 bar

SUR DEMANDE - ON REQUEST :

VBCDF/SF-DE ...AVEC DEBLOCAGE FREIN - WITH BRAKE RELEASE PORT

MATERIEL CORPS : ACIER  
BODY MATERIAL : STEEL

FLASQUABLE  
FACE MOUNTING