



**VM FLEX**

AUTOMAÇÃO E MANUTENÇÃO INDUSTRIAL

# **VÁLVULAS E COMANDOS**

**VALVES AND COMMANDS  
VÁLVULAS Y COMANDOS**



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## PLACAS CETOP / CETOP SUBPLATES / PLACAS CETOP

### PLACAS BASE SEM LIMITADORA SAÍDAS LATERAIS / SUBPLATES WITHOUT RELIEF VALVE SIDE PORTS / PLACAS BASE SIN LIMITADORA SALIDAS LATERALES



Ref.	Type		
VMFBL0001	CETOP 3 (NG6)	3/8	350
VMFBL0002	CETOP 5 (NG10)	1/2	350
VMFBL0003	CETOP 5 (NG10)	3/4	350
VMFBL0003.1	CETOP 7 (NG16)	1"	350

### PLACAS BASE SEM LIMITADORA SAÍDAS POSTERIORES / SUBPLATES WITHOUT RELIEF VALVE BACK PORTS / PLACAS BASE SIN LIMITADORA SALIDAS POSTERIORES



Ref.	Type		
VMFBL0004	CETOP 3 (NG6)	3/8	350
VMFBL0005	CETOP 5 (NG10)	3/4	350



### PLACAS BASE COM LIMITADORA ABPT + PT POSTERIOR / SUBPLATES WITH RELIEF VALVE ABPT + PT BACK PORT / PLACAS BASE CON LIMITADORA ABPT + PT POSTERIOR



Ref.	Type		Rang.	
VMFBL0010	CETOP 3 (NG6)	3/8	50...250	280



### PLACAS BASE COM LIMITADORA A B LATERAL P T POSTERIOR / SUBPLATES WITH RELIEF VALVE A B SIDE PORT P T BACK PORT / PLACAS BASE CON LIMITADORA A B LATERAL P T POSTERIOR



Ref.	Type		Rang.	
VMFBL0011	CETOP 5 (NG10)	3/4	50...250	280
VMFBL0012	CETOP 7 (NG16)	1"1/4	50...250	280
VMFBL0013	CETOP 8 (NG25)	1"1/2	50...250	280

### PLACAS INTERMEDIAS COM TOMADA DE PRESSÃO / INTERMEDIATE SUBPLATES / PLACAS INTERMEDIAS CON TOMA DE PRESIÓN



Ref.	Type		
VMFBL0015	CETOP 3 (NG6) A-B 3/8	3/8	350
VMFBL0016	CETOP 3 (NG6) P-T 3/8	3/8	350
VMFBL0017	CETOP 5 (NG10) A-B 3/8	3/8	350
VMFBL0018	CETOP 5 (NG10) P-T 3/8	3/8	350

### PLACAS INTERMEDIAS COM TOMADA PRESOSTATO / INTERMEDIATE SUBPLATES WITH PRESSURE SWITCH CONNEXION / PLACAS INTERMEDIAS CON TOMA PRESOSTATO




Ref.	Type
VMF010303	CETOP3 (NG6) A
VMF010304	CETOP3 (NG6) B
VMF010305	CETOP5 (NG10) A
VMF010306	CETOP5(NG10) B
VMF010307	CETOP3 (NG6) P
VMF010308	CETOP5 (NG10) P

## PLACAS CETOP CETOP SUBPLATES PLACAS CETOP

### PLACAS CEGA COM JUNTAS / END SUBPLATES WITH O-RINGS / PLACAS CIEGA CON JUNTAS



Ref.	Type	
VMFBL0020	CETOP 3 (NG6)	350
VMFBL0021	CETOP 3 (NG-6) PA-BT	350
VMFBL0022	CETOP 5 (NG10)	350
VMFBL0023	CETOP 7 (NG-16)	350
VMFBL0024	CETOP 8 (NG-25)	350

### PLACAS CONVERSÃO / REDUCTION PLATE / PLACAS CONVERSIÓN



Ref.	Type	
VMFBL1101	NG-10/NG-6	350
VMFBL1102	NG-16/NG-10	350
VMFBL1103	NG-25/NG-16	350

### PLACAS BASE PRESOSTATO / PRESSURE SWITCH SUBPLATES / PLACAS BASE PRESOSTATO






Ref.	Type
VMFO10301	Toma M 1/4
VMFO10302	Toma H-1/4

## BLOCOS CETOP CETOP MANIFOLDS BLOQUES CETOP

### BLOCOS ALUMÍNIO CETOP 3 (NG6) SEM LIMITADORA EM PARALELO / CETOP 3 (NG6) ALUMINIUM MANIFOLDS WITHOUT RELIEF VALVE IN PARALLEL / BLOQUES ALUMINIO CETOP 3 (NG6) SIN LIMITADORA EN PARALELO



Ref.			Elem. Nr.	
VMFBL0030	P T 1/2	A B 3/8	2	280
VMFBL0031	P T 1/2	A B 3/8	3	280
VMFBL0032	P T 1/2	A B 3/8	4	280
VMFBL0033	P T 1/2	A B 3/8	5	280
VMFBL0034	P T 1/2	A B 3/8	6	280
VMFBL0035	P T 1/2	A B 3/8	7	280
VMFBL0036	P T 1/2	A B 3/8	8	280
VMFBL0037	P T 1/2	A B 3/8	9	280
VMFBL0038	P T 1/2	A B 3/8	10	280

## BLOCOS CETOP CETOP MANIFOLDS BLOQUES CETOP

### BLOCOS ALUMÍNIO CETOP 3 (NG6) SEM LIMITADORA EM SERIE / CETOP 3 (NG6) ALUMINIUM MANIFOLDS WITHOUT RELIEF VALVE IN SERIES / BLOQUES ALUMINIO CETOP 3 (NG6) SIN LIMITADORA EN SERIE



Ref.			Elem. Nr.	
VMFBL0040	P T 1/2	A B 3/8	2	280
VMFBL0041	P T 1/2	A B 3/8	3	280
VMFBL0042	P T 1/2	A B 3/8	4	280
VMFBL0043	P T 1/2	A B 3/8	5	280
VMFBL0043.1	P T 1/2	A B 3/8	6	280
VMFBL0043.2	P T 1/2	A B 3/8	7	280
VMFBL0043.3	P T 1/2	A B 3/8	8	280

### BLOCOS AÇO CETOP 5 (NG10) SEM LIMITADORA 1/2 EM PARALELO / CETOP 5 (NG10) STEEL MANIFOLDS WITHOUT RELIEF VALVE 1/2 IN PARALLEL / BLOQUES ACERO CETOP 5 (NG10) SIN LIMITADORA 1/2 EN PARALELO



Ref.			Elem. Nr.	
VMFBL0044	P T 3/4	A B 1/2	2	350
VMFBL0045	P T 3/4	A B 1/2	3	350
VMFBL0046	P T 3/4	A B 1/2	4	350
VMFBL0047	P T 3/4	A B 1/2	5	350
VMFBL0048	P T 3/4	A B 1/2	6	350

### BLOCOS ALUMÍNIO CETOP 3 (NG6) SEM LIMITADORA EM PARALELO TOMADA MANÓMETRO E TOMADA VENTING O "T" / CETOP 3 (NG6) ALUMINIUM MANIFOLDS WITH RELIEF VALVE IN PARALLEL WITH PRESSURE GAUGE AND VENTING CONNECTION OR T / BLOQUES ALUMINIO CETOP 3 (NG6) CON LIMITADORA EN PARALELO TOMA MANÓMETRO Y TOMA VENTING O "T"



Ref.			Elem. Nr.	Rang.	
VMFBL0061	P T 1/2	A B 3/8	2	50...250	280
VMFBL0062	P T 1/2	A B 3/8	3	50...250	280
VMFBL0063	P T 1/2	A B 3/8	4	50...250	280
VMFBL0064	P T 1/2	A B 3/8	5	50...250	280
VMFBL0065	P T 1/2	A B 3/8	6	50...250	280
VMFBL0066	P T 1/2	A B 3/8	7	50...250	280
VMFBL0067	P T 1/2	A B 3/8	8	50...250	280
VMFBL0068	P T 1/2	A B 3/8	9	50...250	280
VMFBL0069	P T 1/2	A B 3/8	10	50...250	280

### BLOCOS ALUMÍNIO CETOP 3 (NG6) SEM LIMITADORA EM SERIE TOMADA MANÓMETRO / CETOP 3 (NG6) ALUMINIUM MANIFOLDS WITH RELIEF VALVE IN SERIES AND PRESSURE GAUGE CONNECTION / BLOQUES ALUMINIO CETOP 3 (NG6) CON LIMITADORA EN SERIE TOMA MANÓMETRO




Ref.			Elem. Nr.	Rang.	
VMFBL0025	P T 1/2	A B 3/8	2	50...250	280
VMFBL0026	P T 1/2	A B 3/8	3	50...250	280
VMFBL0027	P T 1/2	A B 3/8	4	50...250	280
VMFBL0028	P T 1/2	A B 3/8	5	50...250	280
VMFBL0029	P T 1/2	A B 3/8	6	50...250	280
VMFBL0029.1	P T 1/2	A B 3/8	7	50...250	280
VMFBL0029.2	P T 1/2	A B 3/8	8	50...250	280

## BLOCOS CETOP CETOP MANIFOLDS BLOQUES CETOP




**BLOCOS ALUMÍNIO CETOP 3 (NG6) COM LIMITADORA, TOMADA MANÓMETRO E VENTING 40 L/M /  
CETOP 3 (NG6) ALUMINIUM MANIFOLDS WITH RELIEF VALVE, PRESSURE GAUGE CONNECTION AND VENTING 40 L/M /  
BLOQUES ALUMINIO CETOP 3 (NG6) CON LIMITADORA, TOMA MANÓMETRO Y VENTING 40 L/M /**



Ref.			Elem. Nr.	Rang.		Volt.
VMFBL0070	P T 1/2	A B 3/8	2	50...250	280	12 dc
VMFBL0071	P T 1/2	A B 3/8	2	50...250	280	24 dc
VMFBL0072	P T 1/2	A B 3/8	2	50...250	280	220 rac
VMFBL0073	P T 1/2	A B 3/8	3	50...250	280	12 dc
VMFBL0074	P T 1/2	A B 3/8	3	50...250	280	24 dc
VMFBL0075	P T 1/2	A B 3/8	3	50...250	280	220 rac
VMFBL0076	P T 1/2	A B 3/8	4	50...250	280	12 dc
VMFBL0077	P T 1/2	A B 3/8	4	50...250	280	24 dc
VMFBL0078	P T 1/2	A B 3/8	4	50...250	280	220 rac
VMFBL0079	P T 1/2	A B 3/8	5	50...250	280	12 dc
VMFBL0080	P T 1/2	A B 3/8	5	50...250	280	24 dc
VMFBL0081	P T 1/2	A B 3/8	5	50...250	280	220 rac
VMFBL0082	P T 1/2	A B 3/8	6	50...250	280	12 dc
VMFBL0083	P T 1/2	A B 3/8	6	50...250	280	24 dc
VMFBL0084	P T 1/2	A B 3/8	6	50...250	280	220 rac
VMFBL0085	P T 1/2	A B 3/8	7	50...250	280	12 dc
VMFBL0086	P T 1/2	A B 3/8	7	50...250	280	24 dc
VMFBL0087	P T 1/2	A B 3/8	7	50...250	280	220 rac
VMFBL0088	P T 1/2	A B 3/8	8	50...250	280	12 dc
VMFBL0089	P T 1/2	A B 3/8	8	50...250	280	24 dc
VMFBL0090	P T 1/2	A B 3/8	8	50...250	280	220 rac
VMFBL0091	P T 1/2	A B 3/8	9	50...250	280	12 dc
VMFBL0092	P T 1/2	A B 3/8	9	50...250	280	24 dc
VMFBL0093	P T 1/2	A B 3/8	9	50...250	280	220 rac
VMFBL0094	P T 1/2	A B 3/8	10	50...250	280	12 dc
VMFBL0095	P T 1/2	A B 3/8	10	50...250	280	24 dc
VMFBL0096	P T 1/2	A B 3/8	10	50...250	280	220 rac

**BLOCOS CETOP 5 (NG10) COM LIMITADORA EM PARALELO 3/4 / CETOP 5 (NG10) MANIFOLDS WITH RELIEF  
VALVE IN PARALLEL 3/4 / BLOQUES CETOP 5 (NG10) CON LIMITADORA EN PARALELO 3/4**



Ref.			Elem. Nr.	Rang.	
VMFBL0098	P T 3/4	A B 1/2	2	50...250	280
VMFBL0099	P T 3/4	A B 1/2	3	50...250	280
VMFBL0100	P T 3/4	A B 1/2	4	50...250	280
VMFBL0101	P T 3/4	A B 1/2	5	50...250	280
VMFBL0102	P T 3/4	A B 1/2	6	50...250	280

**ELECTROVÁLVULAS CETOP  
CETOP SOLENOIDS  
ELECTROVÁLVULAS CETOP**

**CETOP 3 (NG-6) P. MAX BAR 315 80 l/min. / CETOP 3 (NG-6) MAX. P 315 BAR 80 l/min. /  
CETOP 3 (NG-6) P. MAX BAR 315 80 l/min.**

4VNKSV-6					
E-6		JA-6		G-6	
JB-6		H-6		GA-6	
J-6		GB-6		HA-6	
D-6		C-6		L-6	
EA-6		M-6		EB-6	
P-6		HB-6			



Ref.	Type	Q (l/min.)	Volt.
VMFEV06001	E-6	80	24 dc
VMFEV06002	E-6	80	12 dc
VMFEV06003	E-6	80	220 ac
VMFEV06004	G-6	80	24 dc
VMFEV06005	G-6	80	12 dc
VMFEV06006	G-6	80	220 ac
VMFEV06007	H-6	80	220 ac
VMFEV06008	H-6	80	24 dc
VMFEV06009	H-6	80	24 dc
VMFEV06010	J-6	80	220 ac
VMFEV06011	J-6	80	24 dc
VMFEV06012	J-6	80	12 dc
VMFEV06013	HA-6	80	220 ac
VMFEV06014	HA-6	80	24 dc
VMFEV06015	HA-6	80	12 dc
VMFEV06016	C-6	80	220ac
VMFEV06017	C-6	80	24 dc
VMFEV06018	C-6	80	12 dc
VMFEV06023	EA-6	80	220 ac
VMFEV06024	EA-6	80	24 dc
VMFEV06025	EA-6	80	12 dc
VMFEV06027	EB-6	80	24 dc
VMFEV06028	EB-6	80	12 dc
VMFEV06029	EB-6	80	220 ac
VMFEV06030	HB-6	80	24 dc
VMFEV06031	HB-6	80	12 dc

Ref.	Type	Q (l/min.)	Volt.
VMFEV06032	HB-6	80	220 ac
VMFEV06033	JA-6	80	24 dc
VMFEV06034	JA-6	80	12 dc
VMFEV06035	JA-6	80	220 ac
VMFEV06036	JB-6	80	24 dc
VMFEV06037	JB-6	80	12 dc
VMFEV06038	JB-6	80	220 ac
VMFEV06039	GA-6	80	24 dc
VMFEV06040	GA-6	80	12 dc
VMFEV06041	GA-6	80	220 ac
VMFEV06042	GB-6	80	24 dc
VMFEV06043	GB-6	80	12 dc
VMFEV06043.1	GB-6	80	220 ac
VMFEV06044	D-6	80	220 ac
VMFEV06045	D-6	80	24 dc
VMFEV06046	D-6	80	12 dc
VMFEV06047	L-6	80	12 dc
VMFEV06048	L-6	80	24 dc
VMFEV06049	L-6	80	220 ac
VMFEV06051	M-6	80	12 dc
VMFEV06052	M-6	80	24 dc
VMFEV06053	M-6	80	220 ac
VMFEV06054	P-6	80	12 dc
VMFEV06055	P-6	80	24 dc
VMFEV06056	P-6	80	220 ac

## ELECTROVÁLVULAS CETOP CETOP SOLENOIDS ELECTROVÁLVULAS CETOP

**CETOP 5 (NG-10) P.MAX 315 BAR 160 l/min. / CETOP 5 (NG-10) MAX. P 315 BAR 160 l/min. /  
CETOP 5 (NG-10) P.MAX 315 BAR 160 l/min.**

4VNKSV-10					
E-10		JA-10		G-10	
JB-10		H-10		GA-10	
J-10		GB-10		HA-10	
D-10		C-10		L-10	
EA-10		M-10		EB-10	
P-10		HB-10			



Ref.	Type	Q (l/min.)	Volt.
VMFEV10001	HA-10	160	220 ac
VMFEV10002	HA-10	160	24 dc
VMFEV10003	HA-10	160	12 dc
VMFEV10004	C-10	160	220 ac
VMFEV10005	C-10	160	24 dc
VMFEV10006	C-10	160	12 dc
VMFEV10007	E-10	160	24 dc
VMFEV10008	E-10	160	12 dc
VMFEV10009	E-10	160	220 ac
VMFEV10010	G-10	160	24 dc
VMFEV10011	G-10	160	12 dc
VMFEV10012	G-10	160	220 ac
VMFEV10013	H-10	160	220 ac
VMFEV10014	H-10	160	24 dc
VMFEV10015	H-10	160	12 dc
VMFEV10016	J-10	160	220 ac
VMFEV10017	J-10	160	24 dc
VMFEV10018	J-10	160	12 dc
VMFEV10019	GA-10	160	12 dc
VMFEV10020	GA-10	160	24 dc
VMFEV10021	GA-10	160	220 ac
VMFEV10022	L-10	160	12 dc
VMFEV10024	L-10	160	24 dc
VMFEV10025	L-10	160	220 ac
VMFEV10026	M-10	160	12 dc
VMFEV10027	M-10	160	24 dc

Ref.	Type	Q (l/min.)	Volt.
VMFEV10028	M-10	160	220 ac
VMFEV10029	P-10	160	12 dc
VMFEV10030	P-10	160	24 dc
VMFEV10031	P-10	160	220 ac
VMFEV10032	EA-10	160	220 ac
VMFEV10033	EA-10	160	24 dc
VMFEV10034	EA-10	160	12 dc
VMFEV10035	EB-10	160	24 dc
VMFEV10036	EB-10	160	12 dc
VMFEV10037	EB-10	160	220 ac
VMFEV10038	GB-10	160	220 ac
VMFEV10039	GB-10	160	24 dc
VMFEV10040	GB-10	160	12 dc
VMFEV10041	HB-10	160	24 dc
VMFEV10042	HB-10	160	12 dc
VMFEV10043	HB-10	160	220 ac
VMFEV10044	JA-10	160	24 dc
VMFEV10045	JA-10	160	12 dc
VMFEV10046	JA-10	160	220 ac
VMFEV10047	JB-10	160	24 dc
VMFEV10048	JB-10	160	12 dc
VMFEV10049	JB-10	160	220 ac
VMFEV10050	D-10	160	220 ac
VMFEV10051	D-10	160	24 dc
VMFEV10052	D-10	160	12 dc

**CETOP 7 (NG16) P. MAX. 315 BAR 300 l/min. /**  
**CETOP 7 (NG16) P. MAX. 315 BAR 300 l/min. /**  
**CETOP 7 (NG16) P. MAX. 315 BAR 300 l/min.**

4NKEH-S-16			
E-16		L-16	
G-16		GA-16	
H-16		M-16	
J-16		P-16	



Ref.	Type	Q (l/min.)	€	Volt.
VMFDT16001	E-16	300		24 dc
VMFDT16002	G-16	300		24 dc
VMFDT16003	H-16	300		24 dc
VMFDT16004	J-16	300		24 dc
VMFDT16005	L-16	300		24 dc
VMFDT16006	GA-16	300		24 dc
VMFDT16007	M-16	300		24 dc
VMFDT16008	P-16	300		24 dc

**CETOP 8 (NG-25) P. MAX. 315 BAR 500 l/min. /**  
**CETOP 8 (NG-25) P. MAX. 315 BAR 500 l/min. /**  
**CETOP 8 (NG-25) P. MAX. 315 BAR 500 l/min.**

4NKEH-S-25			
E-25		L-25	
G-25		GA-25	
H-25		M-25	
J-25		P-25	



Ref.	Type	Q (l/min.)	€	Volt.
VMFDT25001	E-25	500		24 dc
VMFDT25002	G-25	500		24 dc
VMFDT25003	H-25	500		24 dc
VMFDT25004	J-25	500		24 dc
VMFDT25005	L-25	500		24 dc
VMFDT25006	GA-25	500		24 dc
VMFDT25007	M-25	500		24 dc
VMFDT25008	P-25	500		24 dc



## VÁLVULAS MODULARES CETOP CETOP MODULAR VALVES VÁLVULAS MODULARES CETOP

### REGULADORAS FLUXO CETOP / CETOP FLOW REGULATOR / REGULADORAS CAUDAL CETOP



Ref.	Type	Q (l/min.)
VMFRC06000	CETOP 3 (NG-6) P	35
VMFRC06001	CETOP 3 (NG-6) A-B	35
VMFRC06002	CETOP 3 (NG-6) A	35
VMFRC06003	CETOP 3 (NG-6) B	35
VMFRC10000	CETOP 5 (NG-10) P	70
VMFRC10001	CETOP 5 (NG-10) A-B	70
VMFRC10002	CETOP 5 (NG-10) A	70
VMFRC10003	CETOP 5 (NG-10) B	70

### LIMITADORAS CETOP / CETOP RELIEF VALVES / LIMITADORAS CETOP



Ref.	Type	Q (l/min.)	⊗	Rang.
VMFLM06001	CETOP 3 (NG-6) A-T B-T	35	315	70...250
VMFLM06002	CETOP 3 (NG-6) P-T	35	315	70...250
VMFLM06004	CETOP 3 (NG-6) B-T	35	315	70...250
VMFLM06005	CETOP 3 (NG-6) "B"	35	315	8...70
VMFLM06007	CETOP 3 (NG-6) A-B B-A	35	315	70...250
VMFLM06008	CETOP3 (NG-6) AT-B-T	35	315	70...250
VMFLM10001	CETOP 5 (NG-10) A-T B-T	70	315	70...250
VMFLM10002	CETOP 5 (NG-10) A-T	70	315	70...250
VMFLM10003	CETOP 5 (NG-10) B-T	70	315	70...250
VMFLM10004	CETOP 5 (NG-10) A-B B-A	70	315	70...250
VMFLM10005	CETOP5 (NG-10) AT-B-T	70	315	70...250

### REDUTORAS PRESSÃO CETOP / CETOP PRESSURE REDUCING / REDUCTORAS PRESIÓN CETOP



Ref.	Type	Q (l/min.)	⊗	Rang.
VMFRD06001	CETOP 3 (NG-6) P	35	210	8...70
VMFRD06002	CETOP 3 (NG-6) P	35	210	35...140
VMFRD06004	CETOP 3 (NG-6) A	35	210	8...70
VMFRD06005	CETOP 3 (NG-6) A	35	210	35...140
VMFRD06007	CETOP 3 (NG-6) B	35	210	8...70
VMFRD06008	CETOP 3 (NG-6) B	35	210	35...140
VMFRD10001	CETOP 5 (NG-10) P	70	210	8...70
VMFRD10002	CETOP 5 (NG-10) P	70	210	35...140
VMFRD10003	CETOP 5 (NG-10) A	70	210	8...70
VMFRD10004	CETOP 5 (NG-10) A	70	210	35...140
VMFRD10005	CETOP 5 (NG-10) B	70	210	8...70
VMFRD10006	CETOP 5 (NG-10) B	70	210	35...140

### OVERCENTER SIMPLES CETOP-3 (NG-6) 350 BAR / CETOP-3 NG-6 SINGLE OVERCENTER 350 BAR / OVERCENTER SIMPLE CETOP-3 (NG-6) 350 BAR



Ref.	Type	Q (l/min.)	Rang.	In
HOR540VC00027	OVCSEFC3A01	35	20...200	A
HOR540VC00028	OVCSEFC3A02	35	35...350	A
HOR540VC00029	OVCSEFC3B01	35	20...200	B
HOR540VC00030	OVCSEFC3B02	35	35...350	B

**VÁLVULAS MODULARES CETOP**  
**CETOP MODULAR VALVES**  
**VÁLVULAS MODULARES CETOP**

**OVERCENTER SIMPLES CETOP-5 (NG-10) 350 BAR / NG-10 SINGLE LOAD CONTROL VAL. CETOP-5 (350 BAR) /**  
**OVERCENTER SIMPLE CETOP-5 (NG-10) 350 BAR /**



Ref.	Type	Q (l/min.)	Rang.	In
HOR540003.8	OVCSEFC501	80	20...200	A
HOR540003.9	OVCSEFC502	80	35...350	A
HOR540003.10	OVCSEFC5B01	80	20...200	B
HOR540003.11	OVCSEFC5B02	80	35...350	B

**OVERCENTER DUPLO CETOP-3 (NG-6) 350 BAR / DOUBLE LOAD CONTROL VALVE CETOP-3 (NG-6) 350 BAR /**  
**OVERCENTER DOBLE CETOP-3 (NG-6) 350 BAR /**



Ref.	Type	Q (l/min.)	Rang.
HOR540003.1	OVCDEFC3A01	35	20...200
HOR540003	OVCDEFC3A02	35	35...350

**OVERCENTER DUPLO CETOP-5 (NG-10) 350 BAR / NG-10 DOUBLE LOAD CONTROL VAL. CTOP-5 350 BAR /**  
**OVERCENTER DOBLE CETOP-5 (NG-10) 350 BAR /**





Ref.	Type	Q (l/min.)	Rang.
HOR540004.1	OVCDEFC501	80	20...200
HOR540004	OVCDEFC502	80	35...350

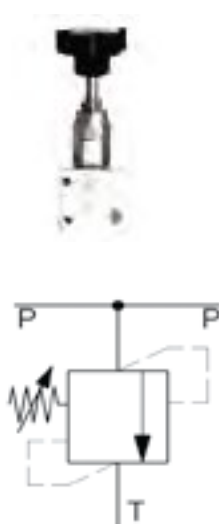
## LIMITADORAS / RELIEF VALVES / LIMITADORAS



### LIMITADORAS CORPO ALUMÍNIO / RELIEF VALVES ALUMINIUM BODY / LIMITADORAS CUERPO ALUMINIO





Ref.	Type	Q (l/min.)		Rang.	
HOR500001.1	VLP40L1400A	40	1/4	3...40	350
HOR500001.2	VLP40L1401A	40	1/4	20...100	350
HOR500001	VLP40L1402A	40	1/4	4...250	350
HOR500001.3	VLP40L1403A	40	1/4	60...350	350
HOR500002.1	VLP40L3800A	40	3/8	3...40	350
HOR500002.2	VLP40L3801A	40	3/8	20...100	350
HOR500002	VLP40L3802A	40	3/8	40...250	350
HOR500002.3	VLP40L3803A	40	3/8	60...350	350
HOR500003.1	VLP40L1200A	40	1/2	3...40	350
HOR500003.2	VLP40L1201A	40	1/2	20...100	350
HOR500003	VLP40L1202A	40	1/2	40...250	350
HOR500003.3	VLP40L1203A	40	1/2	60...350	350
HOR500004.1	VLP80L1201A	80	1/2	20...100	300
HOR500004	VLP80L1202A	80	1/2	40...250	300
HOR500004.2	VLP80L1203A	80	1/2	60...300	300
HOR500005.1	VLP80L3401A	80	3/4	20...100	300
HOR500005	VLP80L3402A	80	3/4	40...250	300
HOR500005.2	VLP80L3403A	80	3/4	60...300	300
HOR500005.3	VLP130L3401A	130	3/4	20...100	300
HOR500005.31	VLP130L3402A	130	3/4	40...250	300
HOR500005.4	VLP130L3403A	130	3/4	60...300	300
HOR500006.1	VLP130L1001A	130	1"	20...100	300
HOR500006	VLP130L1002A	130	1"	40...250	300
HOR500006.2	VLP130L1003A	130	1"	60...300	300
HOR500006.3	VLP200P1001A	200	1"	20...100	300
HOR500006.4	VLP200P1002A	200	1"	40...250	300
HOR500006.5	VLP200P1003A	200	1"	60...300	300

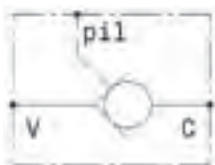
### LIMITADORAS COM VOLANTE CORPO ALUMÍNIO / RELIEF VALVES WITH STEERING WHEEL ALUMINIUM BODY / LIMITADORAS CON VOLANTE CUERPO ALUMINIO





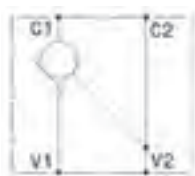
Ref.	Type	Q (l/min.)		Rang.	
HOR500201	VLP40L1400B	40	1/4	3...40	350
HOR500202	VLP40L1401B	40	1/4	20...100	350
HOR500203	VLP40L1402B	40	1/4	4...250	350
HOR500204	VLP40L1403B	40	1/4	60...350	350
HOR500205	VLP40L3800B	40	3/8	3...40	350
HOR500206	VLP40L3801B	40	3/8	20...100	350
HOR500207	VLP40L3802B	40	3/8	40...250	350
HOR500208	VLP40L3803B	40	3/8	60...350	350
HOR500209	VLP40L1200B	40	1/2	3...40	350
HOR500210	VLP40L1201B	40	1/2	20...100	350
HOR500211	VLP40L1202B	40	1/2	40...250	350
HOR500212	VLP40L1203B	40	1/2	60...350	350
HOR500213	VLP80L1201B	80	1/2	20...100	300
HOR500214	VLP80L1202B	80	1/2	40...250	300
HOR500215	VLP80L1203B	80	1/2	60...300	300
HOR500216	VLP80L3401B	80	3/4	20...100	300
HOR500217	VLP80L3402B	80	3/4	40...250	300
HOR500218	VLP80L3403B	80	3/4	60...300	300
HOR500219	VLP130L3401B	130	3/4	20...100	300
HOR500220	VLP130L3402B	130	3/4	40...250	300
HOR500221	VLP130L3403B	130	3/4	60...300	300
HOR500222	VLP130L1001B	130	1"	20...100	300
HOR500223	VLP130L1002B	130	1"	40...250	300
HOR500224	VLP130L1003B	130	1"	60...300	300
HOR500225	VLP200P1001B	200	1"	20...100	300
HOR500226	VLP200P1002B	200	1"	40...250	300



**ANTIRRETORNO / CHECK VALVES / ANTIRRETORNOS****ANTIRRETORNO CORPO AÇO / CHECK VALVES STEEL BODY / ANTIRRETORNOS CUERPO ACERO**

Ref.	Type	Q (l/min.)		
STU17002	VU18-5 PSI	6	1/8	400
STU17004	VU14-5 PSI	24	1/4	350
STU17006	VU38-5 PSI	46	3/8	350
STU17008	VU12-5 PSI	90	1/2	300
STU17012	VU34-5 PSI	148	3/4	300
STU17016	VU100-5 PSI	200	1"	300
STU17020	VU114-5 PSI	378	1 1/4"	250
STU17024	VU112-5 PSI	600	1 1/2"	250
STU17032	VU200-5 PSI	1.000	2"	150
STU17304	VU14-14 PSI	24	1/4	350
STU17306	VU38-14 PSI	46	3/8	350
STU17308	VU12-14 PSI	90	1/2	300
STU17312	VU34-14 PSI	148	3/4	300
STU17316	VU100-14 PSI	200	1"	300
STU17320	VU114-14 PSI	378	1 1/4"	250
STU17324	VU112-14 PSI	600	1 1/2"	250
STU17102	VU18-65 PSI	6	1/8	400
STU17104	VU14-65 PSI	24	1/4	350
STU17106	VU38-65 PSI	46	3/8	350
STU17108	VU12-65PSI	90	1/2	300
STU17112	VU34-65 PSI	148	3/4	300
STU17116	VU100-65 PSI	200	1"	300
STU17120	VU114-65 PSI	378	1"1/4	250
STU17124	VU112-65 PSI	600	1"1/2	250
STU17132	VU200-65 PSI	1.000	2"	150
STU17208	VU12-115 PSI	90	1/2	300
STU17212	VU34-115 PSI	148	3/4	300
STU17216	VU100-145 PSI	200	1"	300

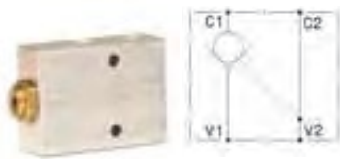
**ANTIRRETORNO SIMPLES PILOTAGEM EXTERNO CORPO AÇO / EXTERNAL PILOT OPERATED SINGLE CHECK VALVES STEEL BODY / ANTIRRETORNOS SIMPLE PILOTAJE EXTERNO CUERPO ACERO**



Ref.	Type	Q (l/min.)		
HOR050002	VRPE380	30	3/8	350
HOR050003	VRPE120	45	1/2	350
HOR050004	VRPE340	85	3/4	300

**ANTIRRETORNO SIMPLES 90° PILOTAGEM INTERNO CORPO ALUMÍNIO / 90° EXTERNAL PILOT OPERATED SINGLE CHECK VALVES ALUMINIUM BODY / ANTIRRETORNOS SIMPLE 90° PILOTAJE INTERNO CUERPO ALUMINIO**

Ref.	Type	Q (l/min.)		
HOR510011	VBS14SF	20	1/4	280
HOR510012	VBS38SF	35	3/8	280
HOR510013	VBS12SF	50	1/2	280
HOR510014	VBS34SF	80	3/4	280



**ANTIRRETORNO SIMPLES RETO PILOTAGEM INTERNO CORPO ALUMÍNIO / STRAIGHT EXTERNAL PILOT OPERATED SINGLE CHECK VALVES ALUMINIUM BODY / ANTIRRETORNOS SIMPLE RECTO PILOTAJE INTERNO CUERPO ALUMINIO**



Ref.	Type	Q (l/min.)		
HOR510040	VBS/L/14	20	1/4	280
HOR510041	VBS/L/38	35	3/8	280
HOR510042	VBS/L/12	50	1/2	280
HOR510043	VBS/L/34	80	3/4	280



**ANTIRRETORNO DUPLA PILOTAGEM 90° CORPO AÇO / 90° DOUBLE PILOT OPERATED CHECK VALVES STEEL BODY / ANTIRRETORNOS DOBLE PILOTADO 90° CUERPO ACERO**



Ref.	Type	Q (l/min.)		
HOR050101	VBPE 1/4 L	20	1/4	350
HOR050102	VBPE 3/8 L	35	3/8	350
HOR050103	VBPE 1/2 L	50	1/2	350
HOR050104	VBPE 3/4	100	3/4	300



**ANTIRRETORNO DUPLA PILOTAGEM 90° CORPO ALUMÍNIO / 90° DOUBLE PILOT OPERATED CHECK VALVES ALUMINIUM BODY / ANTIRRETORNOS DOBLE PILOTADO 90° CUERPO ALUMINIO**



Ref.	Type	Q (l/min.)		
HOR510002	VBD14SF	20	1/4	280
HOR510003	VBD38SF	35	3/8	280
HOR510004	VBD12SF	50	1/2	280
HOR510005	VBD34SF	80	3/4	280

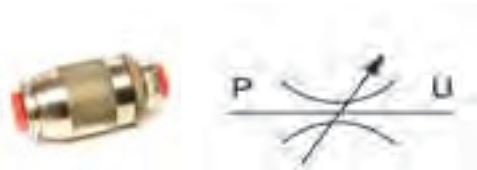
**ANTIRRETORNO DUPLA PILOTAGEM CORPO ALUMÍNIO / STRAIGHT DOUBLE PILOT OPERATED CHECK VALVES ALUMINIUM BODY / ANTIRRETORNOS DOBLE PILOTADO RECTO CUERPO ALUMINIO**





Ref.	Type	Q (l/min.)		
HOR510030	VBD/L/14	20	1/4	280
HOR510031	VBD/L/38	35	3/8	280
HOR510032	VBD/L/12	50	1/2	280
HOR510033	VBD/L/34	80	3/4	280

**REGULADORES DE CAUDAL  
REGULATOR FLOW  
REGULADORES DE CAUDAL**



**REGULADORES DE CAUDAL PINHA BIDIRECIONAL CORPO AÇO / BIDIRECTIONAL FLOW CONTROL VALVES STEEL BODY / REGULADORES DE CAUDAL PIÑA BIDIRECCIONAL CUERPO ACERO**



Ref.	Type	Q (l/min.)		
HOR0801001	VBRF140	20	1/4	300
HOR0801002	VBRF380	45	3/8	300
HOR0801003	VBRF120	70	1/2	300
HOR0801004	VBRF340	110	3/4	250



**REGULADORES DE CAUDAL PINHA UNIDIRECIONAL CORPO AÇO / UNIDIRECTIONAL FLOW CONTROL VALVES  
STEEL BODY / REGULADORES DE CAUDAL PIÑA UNIDIRECCIONAL CUERPO ACERO**



Ref.	Type	Q (l/min.)		
HOR070001	VRF-1/4	20	1/4	300
HOR070002	VRF-3/8	45	3/8	300
HOR070003	VRF-1/2	70	1/2	300
HOR070004	VRF-3/4	110	3/4	250



**REGULADORES DE CAUDAL DE MANIPULO BIDIRECCIONAL CORPO AÇO / BIDIRECTIONAL FLOW CONTROL VALVES  
WITH JOYSTICK STEEL BODY / REGULADORES DE CAUDAL POMO BIDIRECCIONAL CUERPO ACERO**



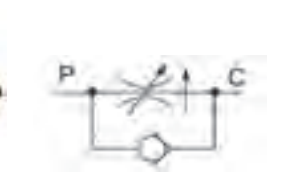
Ref.	Type	Q (l/min.)		
VMF140008	DV-8	60	1/4	350
VMF140009	DV-10	75	3/8	350
VMF140010	DV-12	140	1/2	350
VMF140011	DV-16	175	3/4	350
VMF140012	DV-20	200	1"	350
VMF140013	DV-25	300	1 1/4	350



**REGULADORES DE CAUDAL DE MANIPULO UNIDIRECCIONAL CORPO AÇO / UNIDIRECTIONAL FLOW CONTROL VALVES  
WITH JOYSTICK STEEL BODY / REGULADORES DE CAUDAL POMO UNIDIRECCIONAL CUERPO ACERO**



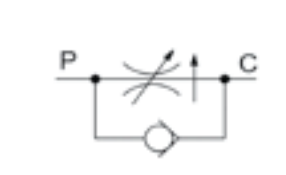
Ref.	Type	Q (l/min.)		
VMF140001	DRV-8	60	1/4	350
VMF140002	DRV-10	75	3/8	350
VMF140003	DRV-12	140	1/2	350
VMF140004	DRV-16	175	3/4	350
VMF140005	DRV-20	200	1"	350
VMF140006	DRV-25	300	1 1/4	350
VMF140007	DRV-30	400	1 1/2	350



**REGULADORES DE CAUDAL 2 VÍAS COMPENSADO CORPO AÇO / 2-WAY COMPENSATED FLOW CONTROL  
VALVES STEEL BODY / REGULADORES DE CAUDAL 2 VÍAS COMPENSADO CUERPO ACERO**



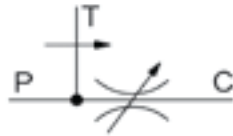
Ref.	Type	Q (l/min.)		
HOR0901001	VRC-1/4	10	1/4	250
HOR0901002	VRC-3/8	18	3/8	250
HOR0901003	VRC-1/2	33	1/2	250



**REGULADORES DE CAUDAL 2 VÍAS COMPENSADO CORPO ALUMÍNIO / 2-WAY COMPENSATED FLOW CONTROL  
VALVES ALUMINIUM BODY / REGULADORES DE CAUDAL 2 VÍAS COMPENSADO CUERPO ALUMINIO**



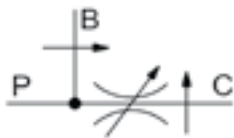
Ref.	Type	Q (l/min.)		
HOR100022	RFA2VU38A	45	3/8	270
HOR100023	RFA2VU12A	60	1/2	270
HOR100024	RFA2VU34A	90	3/4	270
HOR100025	RFA2VU10A	190	1"	270



**REGULADORES DE CAUDAL 3 VÍAS COMPENSADO CORPO ALUMÍNIO /**  
**3-WAY COMPENSATED FLOW CONTROL VALVES ALUMINIUM BODY /**  
**REGULADORES DE CAUDAL 3 VÍAS COMPENSADO CUERPO ALUMINIO**



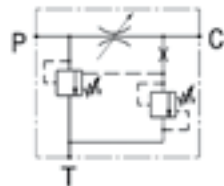
Ref.	Type	Q (l/min.)		
HOR100006	RFA38A	60/35	3/8	270
HOR100007	RFA12A	100/65	1/2	270
HOR100008	RFA34A	150/90	3/4	270
HOR100009	RFA10A	280/190	1"	270



**REGULADORES DE CAUDAL 3 VÍAS COMPENSADO PRIORITARIO CORPO ALUMÍNIO /**  
**3-WAY PRIORITARY COMPENSATED FLOW CONTROL VALVES ALUMINIUM BODY /**  
**REGULADORES DE CAUDAL 3 VÍAS COMPENSADO PRIORITARIO CUERPO ALUMINIO**



Ref.	Type	Q (l/min.)		
HOR100010	RFPA38A	60/35	3/8	270
HOR100011	RFPA12A	100/65	1/2	270
HOR100012	RFPA34A	150/90	3/4	270
HOR100013	RFPA10A	380/190	1"	270

**REGULADORES DE CAUDAL 3 VÍAS COMPENSADO PRIORITARIO CORPO ALUMÍNIO /**  
**3-WAY PRIORITARY COMPENSATED FLOW CONTROL VALVES ALUMINIUM BODY + RELIEF /**  
**REGULADORES DE CAUDAL 3 VÍAS COMPENSADO PRIORITARIO CUERPO ALUMINIO + LIMITADORA**






Ref.	Type	Q (l/min.)		
HOR110010	RFAVLP1038A	60/35	3/8	270
HOR110011	RFAVLP1012A	100/65	1/2	270
HOR110012	RFAVLP1034A	150/90	3/4	270
HOR110013	RFAVLP1010A	280/190	1"	270



## DISTRIBUIDORES MONOBLOCO MANUAIS MANUAL MONOBLOCK DIRECTIONAL CONTROL VALVES DISTRIBUIDORES MONOBLOC MANUALES




### DISTRIBUIDOR MONOBLOCO MANUAIS DE 3/8 40 L/M / MANUAL MONOBLOCK DIRECTIONAL CONTROL VALVES 3/8 40 L/M / DISTRIBUIDOR MONOBLOC MANUAL DE 3/8 40 L/M



Ref.	Type			Elem. Nr.	
VMF210001	P40	P T 1/2	A B 3/8	1	250
VMF210002	P40	P T 1/2	A B 3/8	2	250
VMF210003	P40	P T 1/2	A B 3/8	3	250
VMF210004	P40	P T 1/2	A B 3/8	4	250
VMF210005	P40	P T 1/2	A B 3/8	5	250
VMF210006	P40	P T 1/2	A B 3/8	6	250
VMF210007	P40	P T 1/2	A B 3/8	7	250




### DISTRIBUIDOR MONOBLOCO MANUAIS DE 1/2 80 L/M / MANUAL MONOBLOCK DIRECTIONAL CONTROL VALVES 1/2 80 L/M / DISTRIBUIDOR MONOBLOC MANUAL DE 1/2 80 L/M



Ref.	Type			Elem. Nr.	
VMF220001	P80	P 1/2 T 3/4	A B 1/2	1	250
VMF220002	P80	P 1/2 T 3/4	A B 1/2	2	250
VMF220003	P80	P 1/2 T 3/4	A B 1/2	3	250
VMF220004	P80	P 1/2 T 3/4	A B 1/2	4	250
VMF220005	P80	P 1/2 T 3/4	A B 1/2	5	250
VMF220006	P80	P 1/2 T 3/4	A B 1/2	6	250

### DISTRIBUIDOR MONOBLOCO MANUAIS DE 1" 120 L/M / MANUAL MONOBLOCK DIRECTIONAL CONTROL VALVES 1" 120 L/M / DISTRIBUIDOR MONOBLOC MANUAL DE 1" 120 L/M






Ref.	Type			Elem. Nr.	
VMF230001	P120	P T 1"	A B 1"	1	250
VMF230002	P120	P T 1"	A B 1"	2	250
VMF230003	P120	P T 1"	A B 1"	3	250
VMF230004	P120	P T 1"	A B 1"	4	250

## DISTRIBUIDOR MONOBLOCO PNEUMÁTICOS MANUAIS ON-OFF MANUAL PNEUMATIC MONOBLOCK DIRECTIONAL CONTROL VALVES ON-OFF DISTRIBUIDOR MONOBLOC NEUMÁTICOS MANUALES ON-OFF

### DISTRIBUIDOR MONOBLOCO PNEUMÁTICO MANUAL 3/8 40 L/M ON-OFF / MANUAL PNEUMATIC MONOBLOCK DIRECTIONAL CONTROL VALVE 3/8 40 L/M ON-OFF / DISTRIBUIDOR MONOBLOC NEUMÁTICO MANUAL 3/8 40 L/M ON-OFF






Ref.	Type			Elem. Nr.	
VMF210101	P40	P T 1/2	A B 3/8	1	250
VMF210102	P40	P T 1/2	A B 3/8	2	250
VMF210103	P40	P T 1/2	A B 3/8	3	250
VMF210104	P40	P T 1/2	A B 3/8	4	250
VMF210105	P40	P T 1/2	A B 3/8	5	250
VMF210106	P40	P T 1/2	A B 3/8	6	250
VMF210107	P40	P T 1/2	A B 3/8	7	250






**DISTRIBUIDOR MONOBLOCO PNEUMÁTICO MANUAL 1/2" 80 L/M ON-OFF / MANUAL PNEUMATIC MONOBLOCK DIRECTIONAL CONTROL VALVE 1/2 80 L/M ON-OFF / DISTRIBUIDOR MONOBLOC NEUMÁTICO MANUAL 1/2 80 L/M ON-OFF**



Ref.	Type			Elem. Nr.	
VMF220101	P80	P 1/2 T 3/4	A B 1/2	1	250
VMF220102	P80	P 1/2 T 3/4	A B 1/2	2	250
VMF220103	P80	P 1/2 T 3/4	A B 1/2	3	250
VMF220104	P80	P 1/2 T 3/4	A B 1/2	4	250
VMF220105	P80	P 1/2 T 3/4	A B 1/2	5	250
VMF220106	P80	P 1/2 T 3/4	A B 1/2	6	250

**DISTRIBUIDOR MONOBLOCO PNEUMÁTICO MANUAL 1" 120 L/M ON-OFF / MANUAL PNEUMATIC MONOBLOCK DIRECTIONAL CONTROL VALVE 1" 120 L/M ON-OFF / DISTRIBUIDOR MONOBLOC NEUMÁTICO MANUAL 1" 120 L/M ON-OFF**






Ref.	Type			Elem. Nr.	
VMF230101	P120	P T 1"	A B 1"	1	250
VMF230102	P120	P T 1"	A B 1"	2	250
VMF230103	P120	P T 1"	A B 1"	3	250
VMF230104	P120	P T 1"	A B 1"	4	250

**DISTRIBUIDORES MONOBLOCO ELÉTRICOS  
ELECTRICAL MONOBLOCK DIRECTIONAL CONTROL VALVES  
DISTRIBUIDORES MONOBLOC ELÉCTRICOS**

**DISTRIBUIDOR MONOBLOCO ELÉTRICO 3/8 40 L/M / ELECTRICAL MONOBLOCK DIRECTIONAL CONTROL VALVE 3/8 40 L/M / DISTRIBUIDOR MONOBLOC ELÉCTRICO 3/8 40 L/M**



Ref.	Type			Elem. Nr.		Volt.
VMF210201	Z50	P T 1/2	A B 3/8	1	250	12 dc
VMF210202	Z50	P T 1/2	A B 3/8	2	250	12 dc
VMF210203	Z50	P T 1/2	A B 3/8	3	250	12 dc
VMF210204	Z50	P T 1/2	A B 3/8	4	250	12 dc
VMF210205	Z50	P T 1/2	A B 3/8	5	250	12 dc
VMF210206	Z50	P T 1/2	A B 3/8	6	250	12 dc
VMF210207	Z50	P T 1/2	A B 3/8	7	250	12 dc
VMF210208	Z50	P T 1/2	A B 3/8	1	250	24 dc
VMF210209	Z50	P T 1/2	A B 3/8	2	250	24 dc
VMF210210	Z50	P T 1/2	A B 3/8	3	250	24 dc
VMF210211	Z50	P T 1/2	A B 3/8	4	250	24 dc
VMF210212	Z50	P T 1/2	A B 3/8	5	250	24 dc
VMF210213	Z50	P T 1/2	A B 3/8	6	250	24 dc
VMF210214	Z50	P T 1/2	A B 3/8	7	250	24 dc

**DISTRIBUIDOR MONOBLOCO ELÉTRICO 1/2 80 L/M / ELECTRICAL MONOBLOCK DIRECTIONAL CONTROL VALVE  
1/2 80 L/M / DISTRIBUIDOR MONOBLOC ELÉCTRICO 1/2 80 L/M**



Ref.	Type			Elem. Nr.		Volt.
VMF220201	Z80	P 1/2 T 3/4	A B 1/2	1	250	12 dc
VMF220202	Z80	P 1/2 T 3/4	A B 1/2	2	250	12 dc
VMF220203	Z80	P 1/2 T 3/4	A B 1/2	3	250	12 dc
VMF220204	Z80	P 1/2 T 3/4	A B 1/2	4	250	12 dc
VMF220205	Z80	P 1/2 T 3/4	A B 1/2	5	250	12 dc
VMF220206	Z80	P 1/2 T 3/4	A B 1/2	6	250	12 dc
VMF220211	Z80	P 1/2 T 3/4	A B 1/2	1	250	24 dc
VMF220212	Z80	P 1/2 T 3/4	A B 1/2	2	250	24 dc
VMF220213	Z80	P 1/2 T 3/4	A B 1/2	3	250	24 dc
VMF220214	Z80	P 1/2 T 3/4	A B 1/2	4	250	24 dc
VMF220215	Z80	P 1/2 T 3/4	A B 1/2	5	250	24 dc
VMF220216	Z80	P 1/2 T 3/4	A B 1/2	6	250	24 dc

**DISTRIBUIDOR MONOBLOCO ELETROHIDRÁULICO MANUAL 3/8 40 L/M / ELECTRO-HYDRAULIC MANUAL  
MONOBLOCK DIRECTIONAL CONTROL VALVES 3/8 40 L/M / DISTRIBUIDOR MONOBLOC  
ELETROHIDRÁULICO MANUAL 3/8 40 L/M**



Ref.	Type			Elem. Nr.		Volt.
VMF210301	P40	P T 1/2	A B 3/8	1	250	12 dc
VMF210302	P40	P T 1/2	A B 3/8	2	250	12 dc
VMF210303	P40	P T 1/2	A B 3/8	3	250	12 dc
VMF210304	P40	P T 1/2	A B 3/8	4	250	12 dc
VMF210305	P40	P T 1/2	A B 3/8	1	250	24 dc
VMF210306	P40	P T 1/2	A B 3/8	2	250	24 dc
VMF210307	P40	P T 1/2	A B 3/8	3	250	24 dc
VMF210308	P40	P T 1/2	A B 3/8	4	250	24 dc

**DISTRIBUIDOR MONOBLOCO ELETROHIDRÁULICO MANUAL 1/2 80 L/M / ELECTRO-HYDRAULIC MANUAL  
MONOBLOCK DIRECTIONAL CONTROL VALVES 1/2 80 L/M / DISTRIBUIDOR MONOBLOC  
ELETROHIDRÁULICO MANUAL 1/2 80 L/M**



Ref.	Type			Elem. Nr.		Volt.
VMF220301	P80	P 1/2 T 3/4	A B 1/2	1	250	12 dc
VMF220302	P80	P 1/2 T 3/4	A B 1/2	2	250	12 dc
VMF220303	P80	P 1/2 T 3/4	A B 1/2	3	250	12 dc
VMF220304	P80	P 1/2 T 3/4	A B 1/2	4	250	12 dc
VMF220305	P80	P 1/2 T 3/4	A B 1/2	1	250	24 dc
VMF220306	P80	P 1/2 T 3/4	A B 1/2	2	250	24 dc
VMF220307	P80	P 1/2 T 3/4	A B 1/2	3	250	24 dc
VMF220308	P80	P 1/2 T 3/4	A B 1/2	4	250	24 dc



**DISTRIBUIDOR MONOBLOCO ELÉTRICO MANUAL 3/8 50 L/M / ELECTRICAL MONOBLOCK DIRECTIONAL  
CONTROL VALVES 3/8 50 L/M / DISTRIBUIDOR MONOBLOC ELÉCTRICO MANUAL 3/8 50 L/M**



Ref.	Type			Elem. Nr.		Volt.
VMF210401	P50	P 1/2 T 1/2	A B 3/8	1	250	12 dc
VMF210402	P50	P 1/2 T 1/2	A B 3/8	2	250	12 dc
VMF210403	P50	P 1/2 T 1/2	A B 3/8	3	250	12 dc
VMF210404	P50	P 1/2 T 1/2	A B 3/8	4	250	12 dc
VMF210405	P50	P 1/2 T 1/2	A B 3/8	5	250	12 dc
VMF210406	P50	P 1/2 T 1/2	A B 3/8	6	250	12 dc
VMF210407	P50	P 1/2 T 1/2	A B 3/8	7	250	12 dc
VMF210408	P50	P 1/2 T 1/2	A B 3/8	1	250	24 dc
VMF210409	P50	P 1/2 T 1/2	A B 3/8	2	250	24 dc
VMF210410	P50	P 1/2 T 1/2	A B 3/8	3	250	24 dc
VMF210411	P50	P 1/2 T 1/2	A B 3/8	4	250	24 dc
VMF210412	P50	P 1/2 T 1/2	A B 3/8	5	250	24 dc
VMF210413	P50	P 1/2 T 1/2	A B 3/8	6	250	24 dc
VMF210414	P50	P 1/2 T 1/2	A B 3/8	7	250	24 dc



**DISTRIBUIDORES ROTATIVOS MANUAIS**  
**MANUAL ROTARY DIRECTIONAL CONTROL VALVES**  
**DISTRIBUIDORES ROTATIVOS MANUAL**



Ref.	Type	Q (l/min.)		Elem. Nr.	
DHI1006004	DISTRIBUIDOR 40	40	3/8	1	350
DHI1006005	DISTRIBUIDOR 80	80	1/2	1	350
DHI1006006	DISTRIBUIDOR 120	120	3/4	1	350

**DISTRIBUIDORES MONOBLOCO RECHADORES LENHA**  
**LOG SPLITTER MONOBLOC DIRECTIONAL CONTROL VALVE**  
**DISTRIBUIDORES MONOBLOC RAJADORAS LEÑA**



Ref.	Type	Q (l/min.)		Elem. Nr.	
VMF210400	P35A25	35	3/8	1	250
VMF220400	Z50A25	50	1/2	1	250
VMF230400	P120A25	120	1"	1	250



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