AC PUMPS

VISCOMAT VANE

MADE IN ITALY 100% PIUSI SINCE 1953

EN. Electric vane pump for pumping fluids of a viscosity up to 500 cSt.
Continuous operations, with elevated suction, up to 6 bar pressures. Noise levels below 70 dB.
Asynchronous, closed, self-ventilating AC motor available in different voltages and frequencies.
Optional closed-delivery operations thanks to inbuilt adjustable by-pass in pump body.
Sintered steel rotors with resin vanes.
Seal on motor shaft accessible from pump side.

ES. *Electrobombas de paletas para la transferencia de fluidos con viscosidad de hasta 500 cSt.*
Funcionamiento continúo con succión alta y presión de hasta 6 bar. Nivel de ruido inferior a 70 dB.
Motor asíncrono de corriente alterna autoventilado y cerrado, disponible en varios voltajes y frecuencias.
Gracias al bypass incluido en la bomba, el sistema queda protegido al momento de parar la transferencia del combustible. Rotación de sello del eje accesible desde la bomba.

PT. Electrobombas de palhetas para bombear fluidos com viscosidade de até 500 cSt.
Funcionamento contínuo com alta capacidade de aspiração com pressões de até 6 bars. Nível de ruído inferior a 70 dB.
Motor assíncrono de c.a. autoventilado fechado, disponível com várias tensões e frequências.
Possibilidade de funcionamento com descarga fechada, graças ao by-pass regulável integrado no corpo da bomba.
Rotor de aço sinterizado com palhetas de resina. Blindagem para veio rotatório acessível pelo lado da bomba.

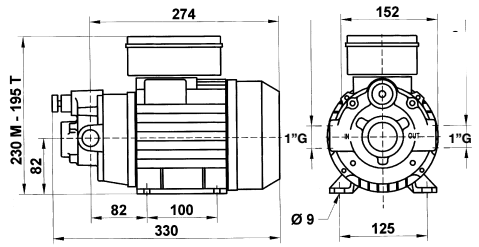
PERFORMANCE

- Flow rate up to 50 l/min
- Continuous AC operation.
- Viscosity up to 500 cSt

- *Caudal hasta 50 l/min*
- *Funcionamiento CA continúo*
- *Viscosidad hasta 500 cSt*

- Caudal até 50 l/min
- Funcionamento contínuo AC
- Viscosidade até 500 cSt

DIMENSIONS



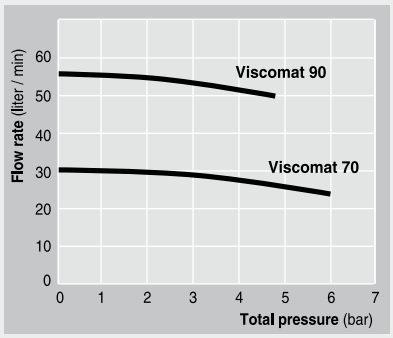
PRODUCTS' RANGE WEIGHT AND PACKAGING

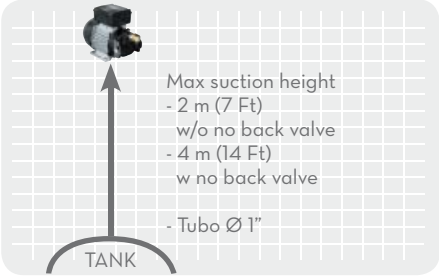
Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
VISCOMAT 70					
F0033490A	14,1	31,1	355x185x285	14x7,3x11,2	1
F0033190A	14,1	31,1	350x200x280	13,8x7,9x11	1
VISCOMAT 90					
F00303M00	14,1	31,1	350x200x280	13,8x7,9x11	1
000303000	14,1	31,1	350x200x280	13,8x7,9x11	1

Flow-rate
up to
50 l/min
(up to 13 gpm)

Viscosity
up to
500
cSt

Viscomat 70 M





FEATURES

Vane rotors

Adjustable bypass valve

On/off switch

ON REQUEST

Flanged connection

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids	Flow-rate		Pressure		Voltage				rpm	Inlet Outlet	Adjustable bypass valve
		type	l/min	gpm	bar	psi	Singlephase motor V./Hz	Threephase motor V./Hz	Power Watt	Amp. max.			
VISCOMAT 70													
F0033490A	Viscomat 70 M. 230/50/60	B D O	25	7	6	85	230/50/60	-	1150	5,5	1450	1" BSP	YES
F0033190A	Viscomat 70 T. 400/50	B D O	25	7	6	85	-	400/50-60	800/1100	2,3/3,1	1450/1700	1" BSP	YES
VISCOMAT 90													
F00303M00	Viscomat 90 M. 230/50-60	B D O	50	13	5	71	230/50-60	-	1350/1600	6,5/7,8	1450/1700	1" BSP	NO
000303000	Viscomat 90 T. 400/50-60	B D O	50	13	5	71	-	400/50-60	1350/1100	3,8/3	1450	1" BSP	YES

Upon request it is available with different voltage and frequency

AC PUMPS

VISCOMAT GEAR

MADE IN ITALY 100% PIUSI SINCE 1953

EN. Gear Pumps. The "Viscomat" is a family of internal profile gear pumps designed as the modern, effective solutions for various requirements of pumping oils and lubricants.

ES. *Bombas de engranajes. "Viscomat" es una familia de bombas de engranajes con perfil interno que ha sido concebida como una válida y moderna solución para las diferentes exigencias de bombeo de los aceites lubricantes.*

PT. Bombas a engrenagens. "Viscomat" é uma família de bombas de engrenagens de perfil interno concebidas como soluções válidas e modernas para as várias exigências para bombear óleos lubrificantes.

PERFORMANCE

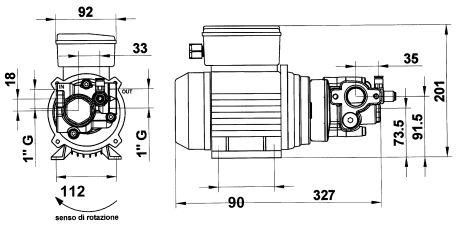
- Viscosity up to 2000 cSt
- Flow rates 9 - 14 l/min.
- Pressures 12 - 25 bar
- Continuous AC operation.
- Noise level below 70 dB

- *Viscosidad hasta 2000 cSt*
- *Caudales 9 - 14 l/min*
- *Presiones hasta 12 - 25 bar*
- *Funcionamiento continuo CA*
- *Nivel sonoro inferior a 70 dB*

- Viscosidade até 2000 cSt
- Caudal de 9 a 14 l/min.
- Pressões até 12 a 25 bar
- Funcionamento contínuo AC
- Ruído inferior a 70 dB

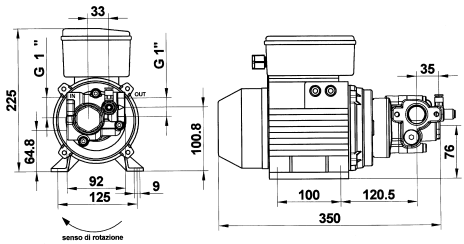
DIMENSIONS

VISCOMAT GEAR 200/2



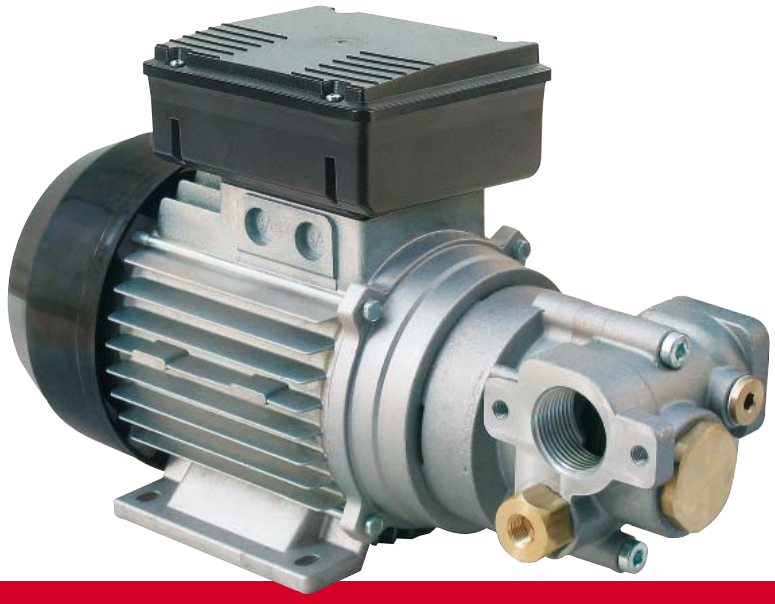
VISCOMAT GEAR 230/3

VISCOMAT GEAR 350/2



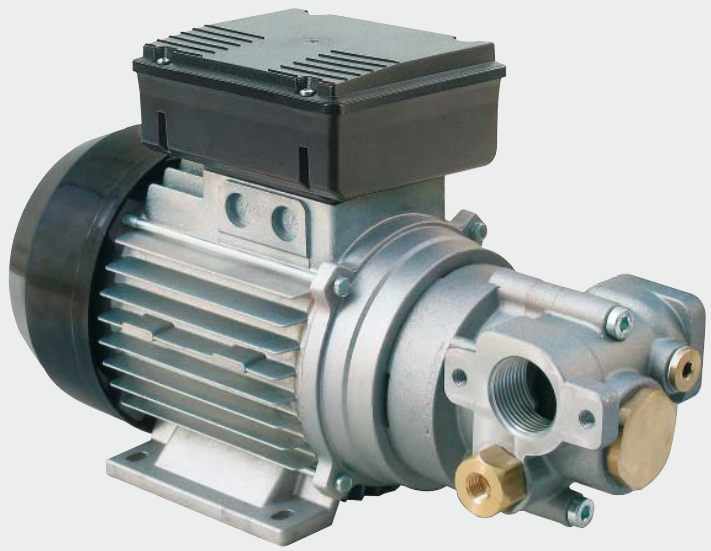
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0030403D	9	19,8	350x200x280	13,8x7,9x11	1
F0030430D	12,5	27,6	350x200x280	13,8x7,9x11	1
F0030401D	12,5	27,6	350x200x280	13,8x7,9x11	1
F0030405D	9	19,8	350x200x280	13,8x7,9x11	1
F00304T1D	12,5	27,6	350x200x280	13,8x7,9x11	1
F00304T4D	12,5	27,6	350x200x280	13,8x7,9x11	1

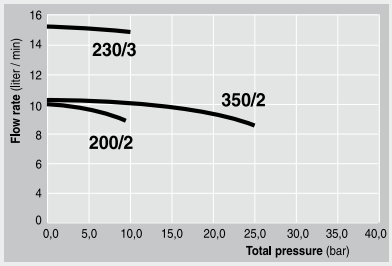


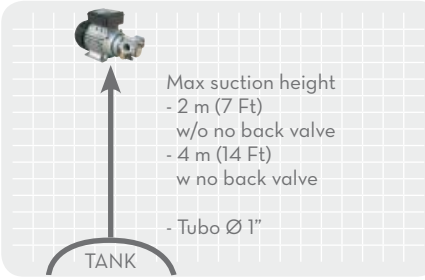
Flow-rate
up to
14 l/min
(up to 3,7 gpm)

Viscosity
up to
2000
cSt



VISCOMAT GEAR





FEATURES

Gear rotor

Adjustable bypass valve

ON REQUEST

Flanged connection

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids	Flow-rate		Pressure		Voltage			rpm	Inlet Outlet	Bypass valve
		type	l/min	gpm	bar	psi	Motor V./Hz	Power Watt	Amp. max.			
F0030403D	Viscomat 200/2 M. single-phase	⊙	9	2,4	12	170	230/50/60	800/950	3,8/4,6	1450/1700	1" BSP	YES
F0030430D	Viscomat 230/3 M. single-phase	⊙	14	3,7	16	227	230/50	1250	6	1400	1" BSP	YES
F0030401D	Viscomat 350/2 M. single-phase	⊙	9	2,4	25	355	230/50	1200	6	1250	1" BSP	YES
F0030405D	Viscomat 200/2 three-phase	⊙	9	2,4	12	170	400/50	550	1,5	1450	1" BSP	YES
F00304T1D	Viscomat 350/2 three-phase	⊙	14	3,7	12	170	400/50	750	2,5	1450	1" BSP	YES
F00304T4D	Viscomat 230/3 three-phase	⊙	9	2,4	25	355	400/50	750	2,7	1400	1" BSP	YES

Upon request it is available with different voltage and frequency - (*) Without Adjustable Bypass valve

AC PUMPS

VISCO-FLOWMAT

MADE IN ITALY 100% PIUSI SINCE 1953

EN. Gear pumps with pressure switch. The "Viscomat" is designed to satisfy requirements of constant flow deliveries with a self-priming pump featuring automatic switch-off on the completion of delivery.

1 - Adjustable by pass valve.
2 - Auto on/off: the immediate answer.
3 - Adjustable max delivery pressure.
4 - Safety over pressure valve set at 10 bar.
5 - No impulse flow.

ES. *Bombas de engranajes con presostato. La serie de bombas " Viscomat" con presostato responde a la exigencia de efectuar suministros con una bomba autocebante de flujo constante y apagado automático al final del suministro.*

1 – Válvula de by-pass regulable.
2 – Encendiddo/apagado automático: respuesta inmediata.
3 – Presión de caudal máximo regulable.
4 – Válvula de seguridad de presión calibrada en 10 bar.
5 – Funcionamiento con flujo constante.

PT. Bombas de engrenagens com pressostato.
"Viscomat" com pressostato atende às exigências para realizar fornecimentos com uma bomba auto-escorvante de fluxo constante que se desliga automaticamente no final do fornecimento.n.

1 – Válvula de by pass regulável.
2 – Activação/desactivação automática: resposta imediata.
3 – Pressão do caudal máximo regulável.
4 – Válvula de segurança de pressão regulada para 10 Bar.
5 – Funcionamento com caudal constante.

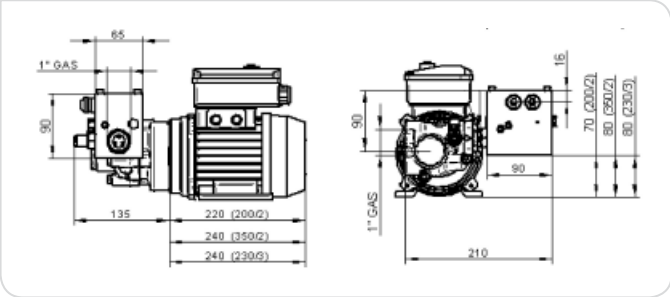
PERFORMANCE

- Viscosity up to 2000 cSt
- Constant flow rate
- No need for compressed air
- Flow rates 9 - 14 l/min.
- Pressures 12 - 25 bar
- Continuous operation.
- Noise level below 70 dB
- Automatic switch-on and switch-off
- Uniform pulseless flow
- Self-priming pump

- *Viscosidad hasta 2000 cSt*
- *Caudal constante*
- *No necesita aire comprimido*
- *Caudales 9 - 14 l/min*
- *Presiones 12 - 25 bar*
- *Funcionamiento continuo*
- *Nivel sonoro inferior a 70 dB*
- *Encendido y apagado automático.*
- *Regularidad del flujo, caracterizado por la ausencia de pulsaciones.*
- *Bomba autocebante.*

- Viscosidade até 2000 cSt
- Caudal constante
- Não necessita de ar comprimido
- Caudais de 9 a 14 l/min.
- Pressões de 12 a 25 bar
- Funcionamento contínuo
- Ruído inferior a 70 dB
- Ativa-se e desliga-se automaticamente
- Regularidade do fluxo caracterizado pela ausência de pulsações
- Bomba auto-escorvante

DIMENSIONS



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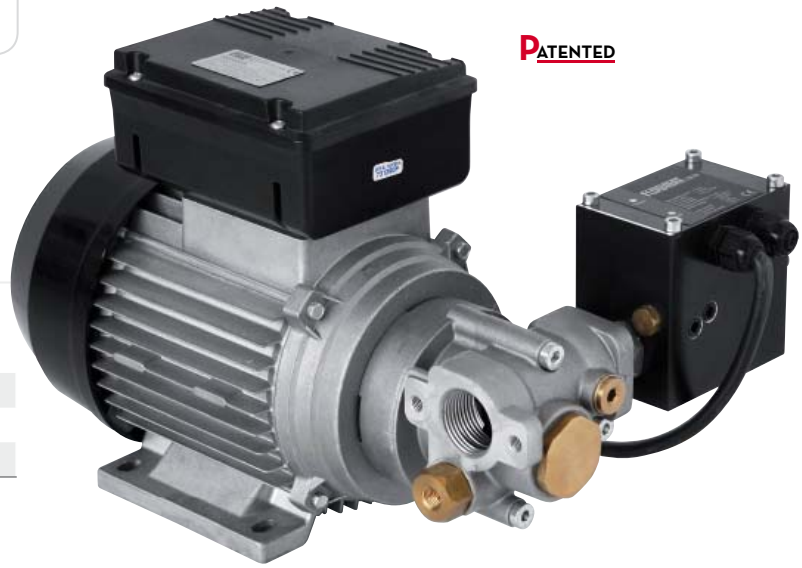
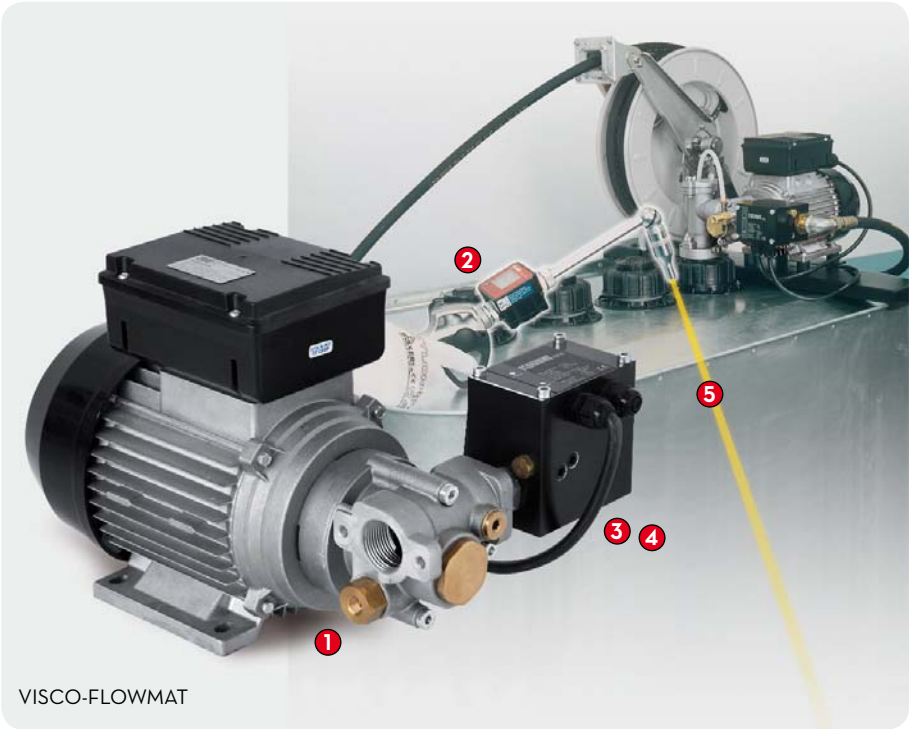


PRODUCTS' RANGE WEIGHT AND PACKAGING

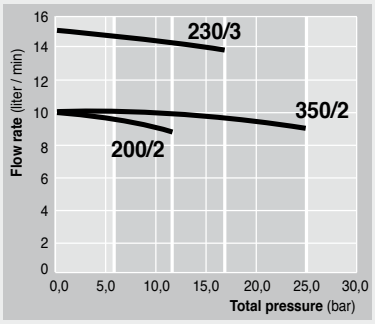
Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0030200D	12	26,5	360x360x300	14,2x14,2x11,8	1
F0030204D	15	33,1	360x360x300	14,2x14,2x11,8	1
F0030206D	15	33,1	360x360x300	14,2x14,2x11,8	1

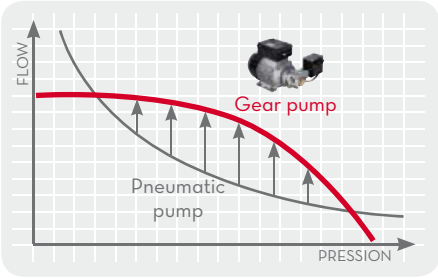
Flow-rate
up to
14 l/min
(up to 3,7 gpm)

Viscosity
up to
2000
cSt



VISCO-FLOWMAT





FEATURES

Gear rotor

Adjustable bypass valve

Adjustable max delivery pressure

ON REQUEST

Flanged connection

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids	Flow-rate		Pressure		Voltage			rpm	Inlet Outlet	Bypass valve
		type	l/min	gpm	bar	psi	Singlephase motor V./Hz	Power Watt	Amp. max.			
F0030200D	Visco Flowmat 200/2	O	9	2,4	12	170	230/50	800	3,8	1450	1" BSP	YES
F0030204D	Visco Flowmat 230/3	O	14	3,7	16	227	230/50	1200	6	1450	1" BSP	YES
F0030206D	Visco Flowmat 350/2	O	9	2,4	25	355	230/50	1250	6	1450	1" BSP	YES

Upon request it is available with different voltage and frequency

DC PUMPS VISCOMAT DC

MADE IN ITALY 100% PIUSI SINCE 1953

EN. DC oil pumps. A new and complete range of pumps for transferring and delivering oil, operated by direct current motors. These products are especially designed for transferring oil from drums in situations and locations where electricity or pneumatic connections are unavailable.

ES. *Bombas para aceite de corriente continua. Una nueva y completa gama de bombas para trasegar y suministrar aceite, accionadas por motores de corriente continua. Estos productos han sido pensados para aquellas aplicaciones en las que se debe trasegar el aceite del bidón sin contar con conexión a la línea eléctrica o a la instalación de aire comprimido.*

PT. Bombas de corrente contínua para óleo. Uma nova e completa gama de bombas para transferência e fornecimento óleo acionadas por motores de corrente contínua. Estes produtos foram concebidos para aplicações em que for necessário transferir óleo de um barril sem ligação à linha elétrica nem sistema de ar comprimido.

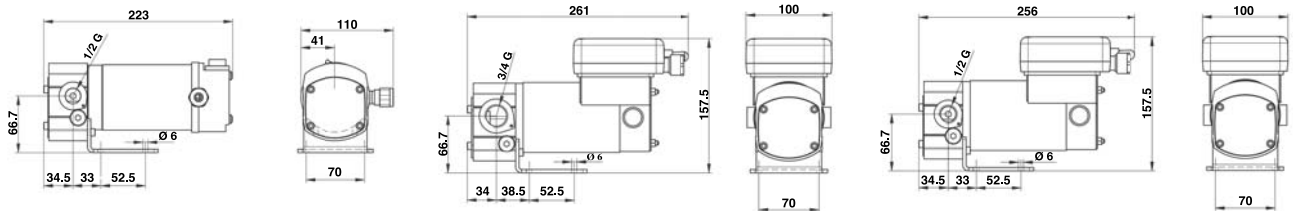
PERFORMANCE

- Flow rate 4 - 10 l/min.
- Operating pressure: 5 bar
- Viscosity up to 2000 cSt (Viscomat DC 60/2 max viscosity of oil 600 cSt)
- Duty cycle: 30 min
- Noise level below 65 dB

- *Caudal 4 - 10 l/min*
- *Presión de funcionamiento: 5 bar*
- *Viscosidad hasta 2000 cSt (Viscomat DC 60/2 viscosidad máx. aceite 600 cSt)*
- *Ciclo de funcionamiento: 30 min*
- *Nivel sonoro inferior a 65 dB*

- Caudal de 4 a 10 l/min
- Pressão de funcionamento: 5 bar
- Viscosidade até 2000 cSt (Viscomat DC 60/2 viscosidade máx. do óleo 600 cSt)
- Ciclo de trabalho: 30 min
- Ruído inferior a 65 db

DIMENSIONS



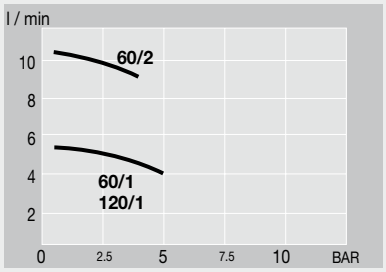
VISCOMAT DC 60/1 VISCOMAT DC 60/2 VISCOMAT DC 120/1

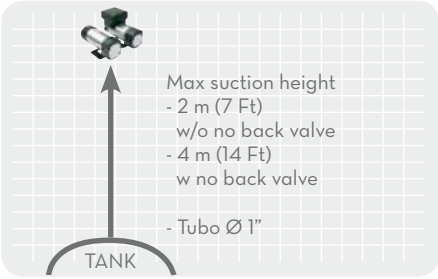
PRODUCTS' RANGE WEIGHT AND PACKAGING

Code	Weight		Packaging		
	kg	lbs	mm	inch	pcs/box
F0030902A	3	6,6	200x120x140	7,9x4,7x5,5	1
F0030901A	4,9	10,8	345x175x255	13,6x6,9x10	1
F0030900A	4,9	10,8	345x175x255	13,6x6,9x10	1
F0031002A	3	6,6	200x120x140	7,9x4,7x5,5	1
F0031001A	4,9	10,8	345x175x255	13,6x6,9x10	1
F0031000A	4,9	10,8	345x175x255	13,6x6,9x10	1
F00311000	4,9	10,8	345x175x255	13,6x6,9x10	1
F00311010	4,9	10,8	345x175x255	13,6x6,9x10	1

Flow-rate
up to
10 l/min
(up to 2,8 gpm)

Viscosity
up to
2000
cSt

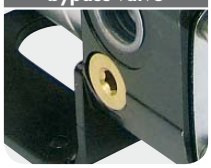




FEATURES

Gear rotor

Adjustable bypass valve



ON DEMAND

Kit cable

Code	Description	60/1 12V	60/2 12V	60/1 24V	60/2 24V	Fuse on the cable
R14437000	Kit cable 2 m (12V/24V)	YES		YES		
R10011000	Kit cable 2 m (12V)		YES			YES
R10040000	Kit cable 2 m (24V)				YES	YES
R14438000	Kit cable 4 m (12V/24V)	YES		YES		
R10041000	Kit cable 4 m (12V)		YES			YES
R10039000	Kit cable 4 m (24V)				YES	YES

PRODUCTS' RANGE TECHNICAL DATA

Code	Description	Fluids	Flow-rate		Pressure		Voltage			rpm	Inlet Outlet	Press. switch
		type	l/min	gpm	bar	psi	DC Volt	Power Watt	Amp. max.			
F0030902A	Viscomat DC 60/1 12 V	O	4	1,2	5	70	12	150	18,5	2900	1/2" BSP	NO
F0030901A	Viscomat DC 60/2 12 V (*)	O	10	2,8	4	57	12	300	35	2900	3/4" BSP	NO
F0030900A	Viscomat DC 120/1 12 V	O	5	1,4	10	140	12	200	26,5	2900	1/2" BSP	NO
F0031002A	Viscomat DC 60/1 24 V	O	4	1,2	5	70	24	150	9,5	2900	1/2" BSP	NO
F0031001A	Viscomat DC 60/2 24 V (*)	O	10	2,8	4	57	24	300	18	2900	3/4" BSP	NO
F0031000A	Viscomat DC 120/1 24 V	O	5	1,4	10	140	24	200	19,5	2900	1/2" BSP	NO
F00311000	Viscomat DC 120/1 12 V PST	O	5	1,4	10	140	12	200	22,5	2900	1/2" BSP	YES
F00311010	Viscomat DC 120/1 24 V PST	O	5	1,4	10	140	24	200	19,5	2900	1/2" BSP	YES

(*) For Viscomat DC 60/2 max oil viscosity 600 cSt