

Petroleum product transfer on tanker, the Mouvex solution.

CC8 Vanes pump series

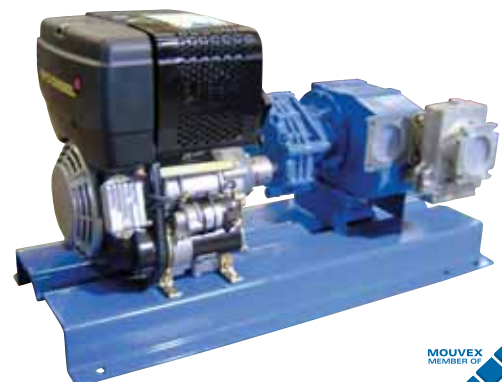
The CC8 pump range has been a major player in the European market for many years.



▲ Universal joint driven



▲ Hydraulic driven



▲ Diesel driven

SAFETY:

- ATEX certified pump with a temperature probe
- Integrated by-pass avoiding any over pressure
- The unused ended shaft is protected by a casing

Universality:

- Compatible with diesel, heating oil, petrol, biodiesel, paraffin, kerosene, oil, heavy fuel, bitumen ...
- Compact and so fits in narrow spaces
- Double ended shaft facilitates the mounting depending on the rotation directions
- Broad flow range

User Friendly:

- Silent
- Constant flow rate
- Drains the pipes

Reliability:

- Its robust construction allows working in the heavy duty application of the road transports

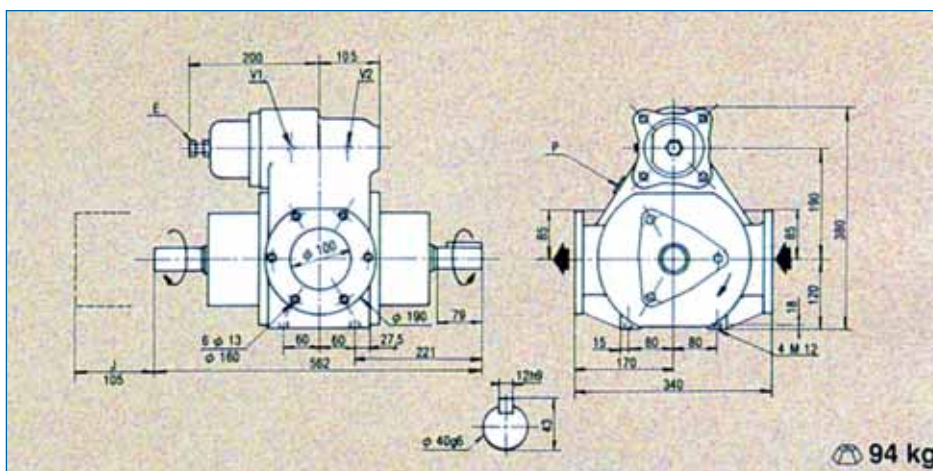
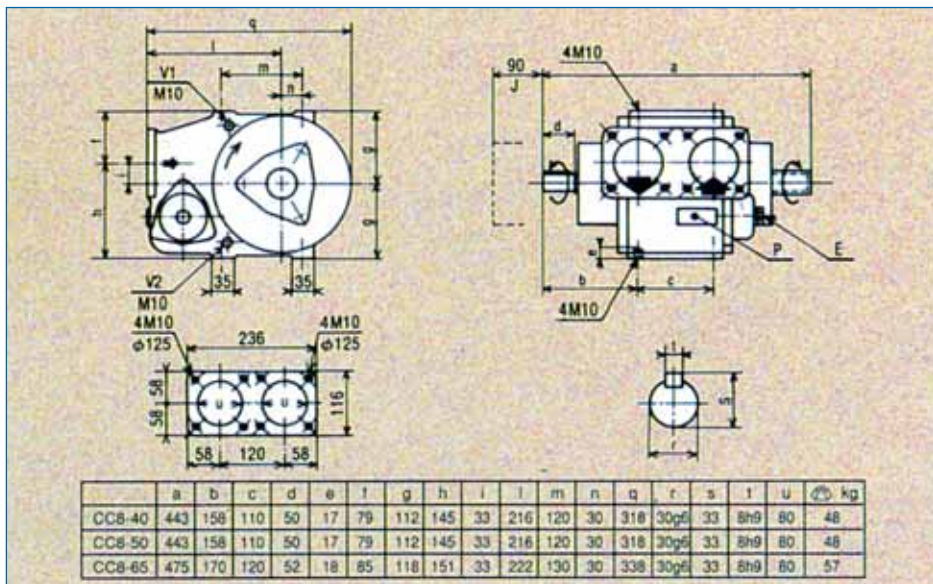
Up to 80 m³/h - 8 bar

• Uses

The CC8 pumps versions A & AP are designed for clean products at room temperature

VERSION	MODEL	APPLICATION	MAXIMUM VISCOSITY	MAXIMUM TEMPERATURE
A	CC8-40 CC8-50 CC8-65 CC8-80 F	Diesel, biodiesel heating oil, petrol, kerosene, paraffin	40 cst	70°C
AP	CC8-50 CC8-65	Oils	900 cst	

• Dimensions



E - by-pass setting
J - space for head dismantling
P - pump plate

V - drain plug
V1-V2 - pressure / vacuum take off

• Equipment

TYPE	DESCRIPTION
By-Pass	Mechanical 4 bar spring
	Mechanical 8 bar spring
	Pneumatic with spring
	Pneumatic without spring
Flanges	Steel Ø 91
	Stainless steel Ø 91
	Steel Ø 115
	Cast iron type BSM bore G 2,5
	Cast iron type BSM bore G 3

TYPE	DESCRIPTION
By-Pass	Pneumatic with spring
Flanges	Steel Ø 115

● Flow rate in m³/h

MODEL	MAXIMUM PRESSURE 8 BAR		MAXIMUM PRESSURE 4 BAR			
	SPEED (RPM)					
	50	200	500	750	1000	1200
CC8-40	X		19	28	40	48
CC8-50			24	36	47	X
CC8-50AP	2	8				
CC8-65A	X		28	42	61	X
CC8-65AP						
CC8-80F	X		40	60	81	X

● Material of construction

CONSTRUCTION	COMPONENT	QUANTITY	MATERIAL
BASIS	Casing & head	1, 2	cast iron
	Shaft	1	steel
	Rotor	1	cast iron
	Static seal	-	Nitrile
	Mechanical seal	-	FKM
	Mechanical seal	2	Carbon/SS
A	Vanes	6	TVR
AP	Vanes	12	TVP
	Pushrods	6	Hardened steel

● Examples



▲ AD truck with CC8-50 A



▲ Semi-trailor with CC8-65 A

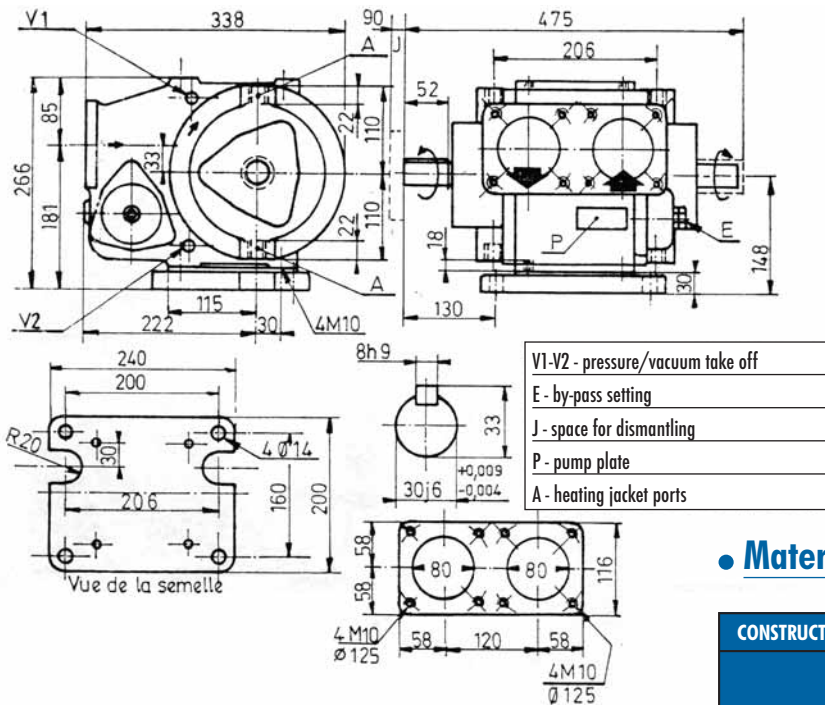




The CC8 pump versions C & EP are designed for clean hot products, there are 2 versions

VERSION	MODEL	APPLICATION	MAXIMUM VISCOSITY (cst) Depending on speed (rpm)				MAXIMUM TEMPERATURE In °C
			50	400	550	750	
C	CC8-65	heavy fuel	X	900	900	400	170
EP	CC8-65	Bitumen	5000	3000	2000	1000	200

• Dimensions



• Equipment

TYPE	DESCRIPTION	Construction	
		C	EP
By-Pass	Mechanical 4 bar spring	✓	✓
	Mechanical 8 bar spring	✓	✓
Foot	With or without	✓	✓
Head	With heating jacket		✓
Flanges	Steel Ø 91 mm	✓	✓
	Stainless steel Ø 91 mm	✓	✓
	Steel Ø 115 mm	✓	✓
	Cast iron type BSM Bore G 2,5	✓	✓
	Cast iron type BSM Bore G 3	✓	✓

• Material of construction

CONSTRUCTION	COMPONENT	QUANTITY	MATERIAL
BASIS	Casing & head	1	Cast iron
	Shaft	1	Steel
	Rotor	1	Cast iron
	Mechanical seal	2	Bronze/Stainless steel
C	Mechanical seal	-	FKM
	Static seal	-	FKM
	Vanes	6	Bronze
EP	Mechanical seal	-	FKM - high temperature
	Static seal	-	FKM - high temperature
	Vanes	6	Special bronze
	Pushrods	3	Hardened steel

• Flow rate in m³/h

MODEL	MAXIMUM PRESSURE 6 BAR			
	50	400	550	750
CC8-65C	X	25	34	43
CC8-65EP	2			



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CC10-24 Series Rotary Vane Pumps

The Mouvex solution for the tank truck transfer of petroleum products

More efficient

- Pressure of operation up to 145 psi (10 bar) allowing for higher flow rate with a long hose length

More respectful of the environment

- Quiet operation (72 dBA)
- Economic (See power consumption on back page)
- Fast (Reduces delivery time)
- Light weight – 70.6 lbs. (32 kg)

Easier to use

- Ultra compact
- Reversible

Increased safety

- Heir of the legendary CC8 and its innovations
- ATEX certified
- Operation of by-pass without risk of heating
- No maintenance required
- Equipped with 500 micron strainer
- 3-year warranty

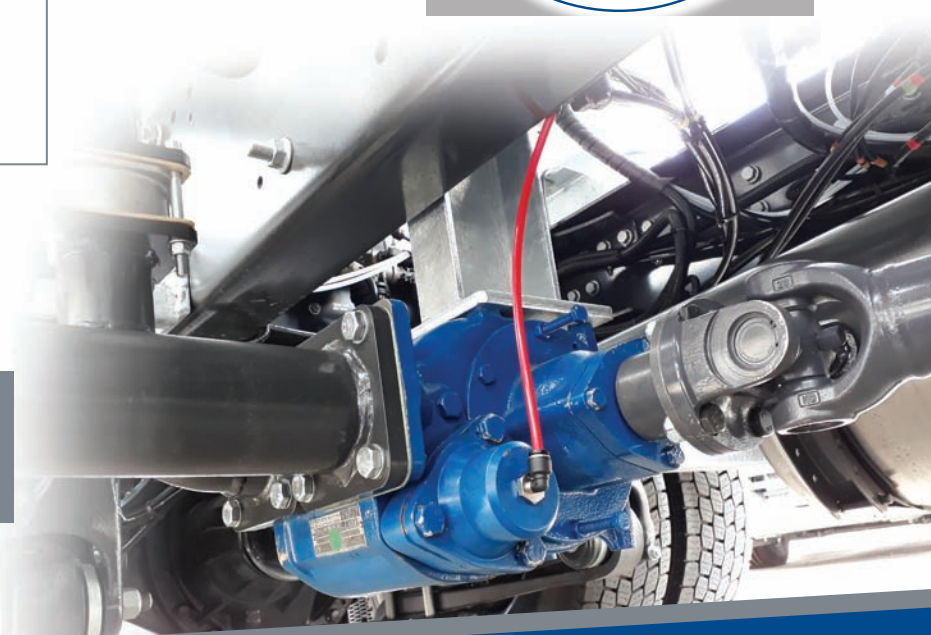


CC10 Pump



500 μ Strainer

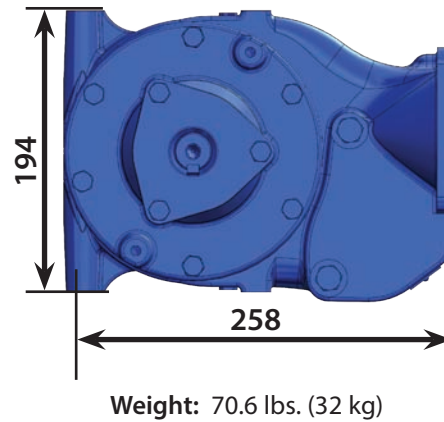
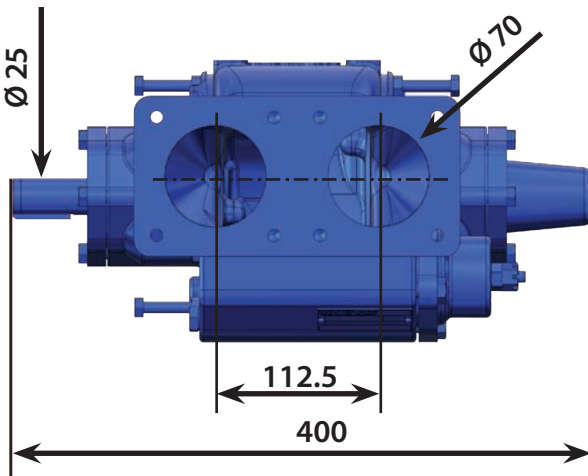
Flow rates up to 185 gpm (42 m³/h)
- 145 psi (10 bar)





CC10-24 Series Rotary Vane Pumps

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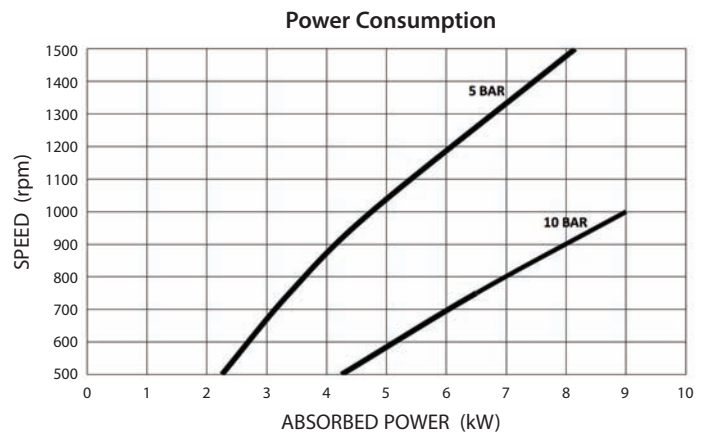
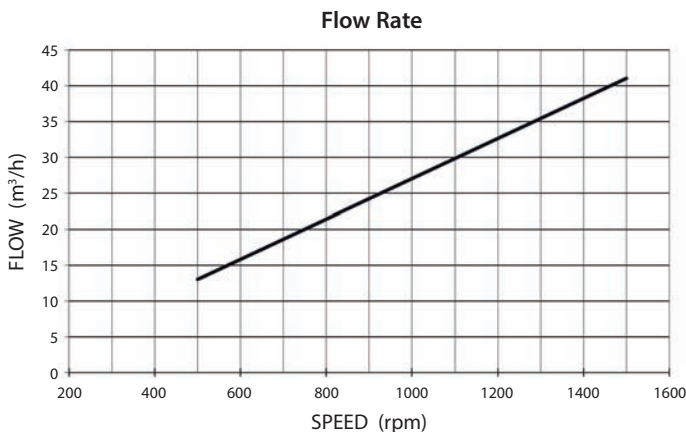


Characteristics:

- **Construction:** Cast Iron, Steel
- **Vanes:** 6 TVP vanes
- **Bearings:** Double ball bearings
- **Fittings:** Mouvex, carbon/stainless steel, FKM seals
- **By-pass:** Integrated by-pass protection
- **Static seals :** FKM
- **Flanges:** Against flanges bored Ø77

Options:

- Mechanical by-pass with spring 72.5 or 145 psi (5 or 10 bar)
- Pneumatic by-pass
- SAE A hydraulic lantern



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