

## Petroleum product transfer on tanker, the Mouvex solution. **CC8 Vanes pump series**

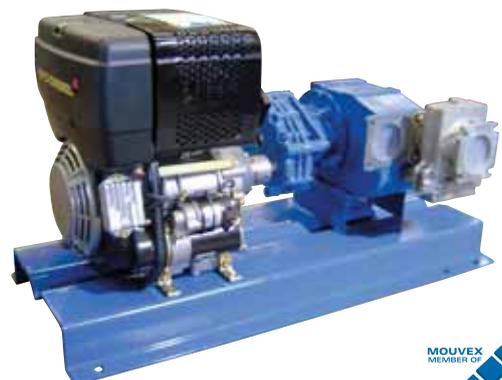
The CC8 pump range has been a major player in the European market for many years.



▲ 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

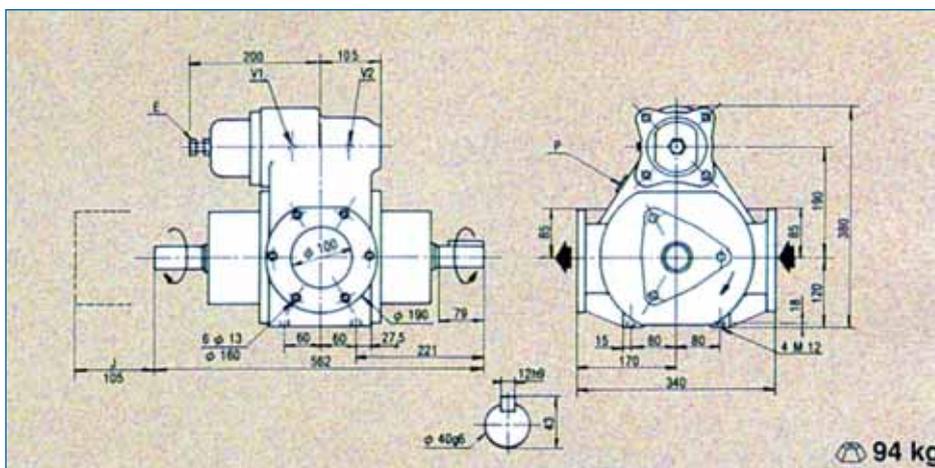
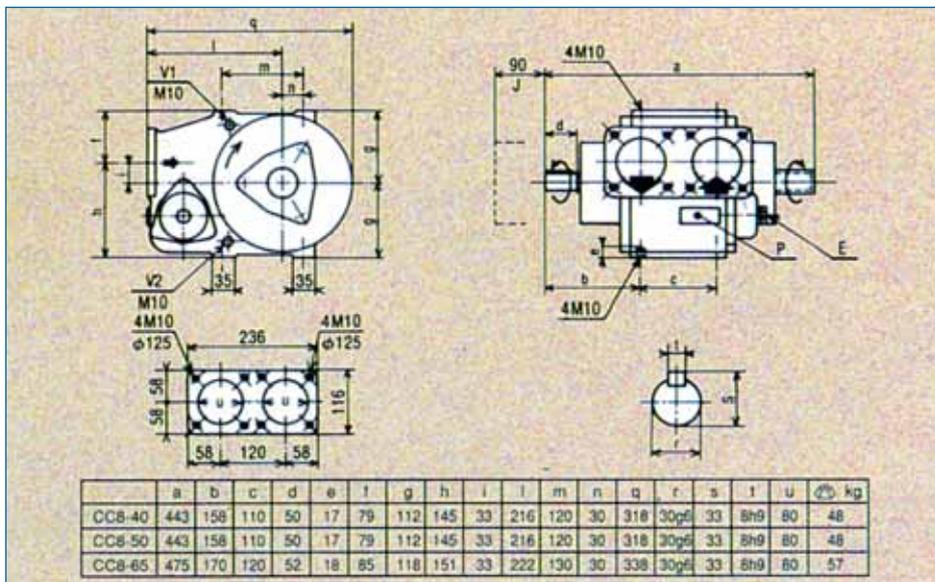
**Up to 80 m<sup>3</sup>/h - 8 bar**

## • 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 m<sup>3</sup>/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

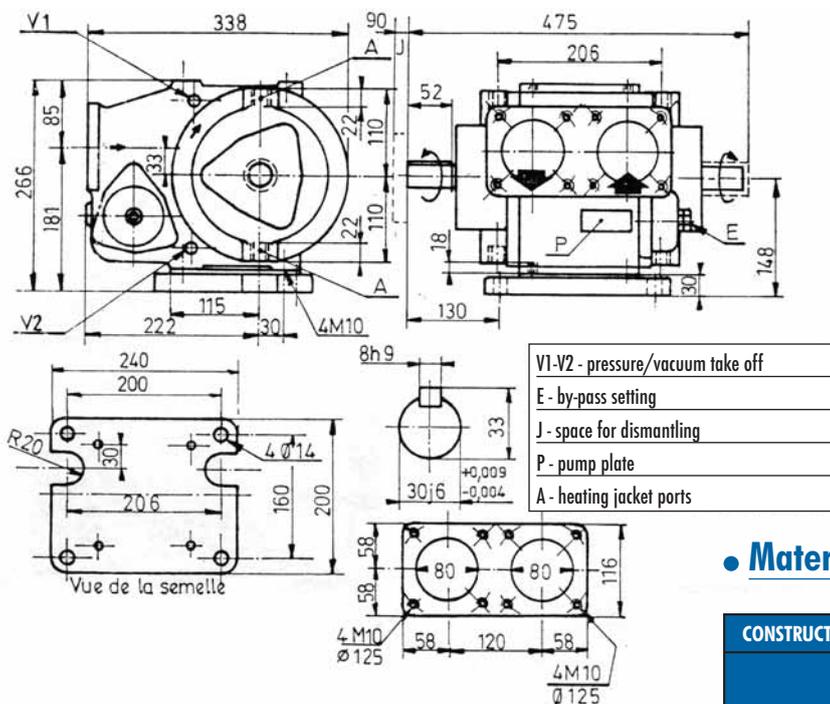




The CC8 pump versions C & EP are designed for clean hot products, there are 2 versions

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 m<sup>3</sup>/h

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



Mouvex reserves the right to modify the information and illustrations contained in this document without prior notice. This is a not-contractual document. 05/2010. Printed in FRANCE by Italic Impressions.  
 © 2010 Mouvex

ZI la Plaine des Isles  
 rue des Caillottes  
 89000 AUXERRE - FRANCE  
 T + 33.3.86.49.86.30  
 F + 33.3.86.46.42.10  
 contact@mouvex.com



Distributed by: