



VM - CVE

## DESCRIPTION

- ◆ The jockey pump is designed to maintain the pressure on the fire protection system between preset limits when the system is not flowing water.
- ◆ Rated capacity not less than any normal leakage rate.
- ◆ Discharge pressure sufficient to maintain the desired fire protection system pressure.
- ◆ High efficient motor, with protection IP55 class F

## APPLICATIONS

The high efficiency and noiseless operation which allows these pumps to be used in conditions households, irrigation, car washes, fire protection systems, air conditioning and lifting installations water pressure in the network.



Clean Civil Industry Fire

## TECHNICAL SHEET

Model	VM	
Capacity	0-18	m <sup>3</sup> /h
Head	0-150	m
DN	34	mm
Speed	2900	rpm
T max	70	°C
Power	0.37 - 2.2	kW
Voltage	220/380	V
HZ	50	
Class	Class F	
IP	IP 55	
Duty	S1 continuous	
Casing	Cast iron	
Impeller	Plastic (VM) AISI304 (CVE)	
Shaft	AISI304	
Shaft seal	Mechanical Seal	
Bearing	Grease lubrication rolling bearing	

## USING LIMITS

- ◆ Liquid temperature between -10°C and +70°C
- ◆ Ambient temperature between -10°C and +40°C
- ◆ Max. working pressure 15 bar
- ◆ Continuous service S1

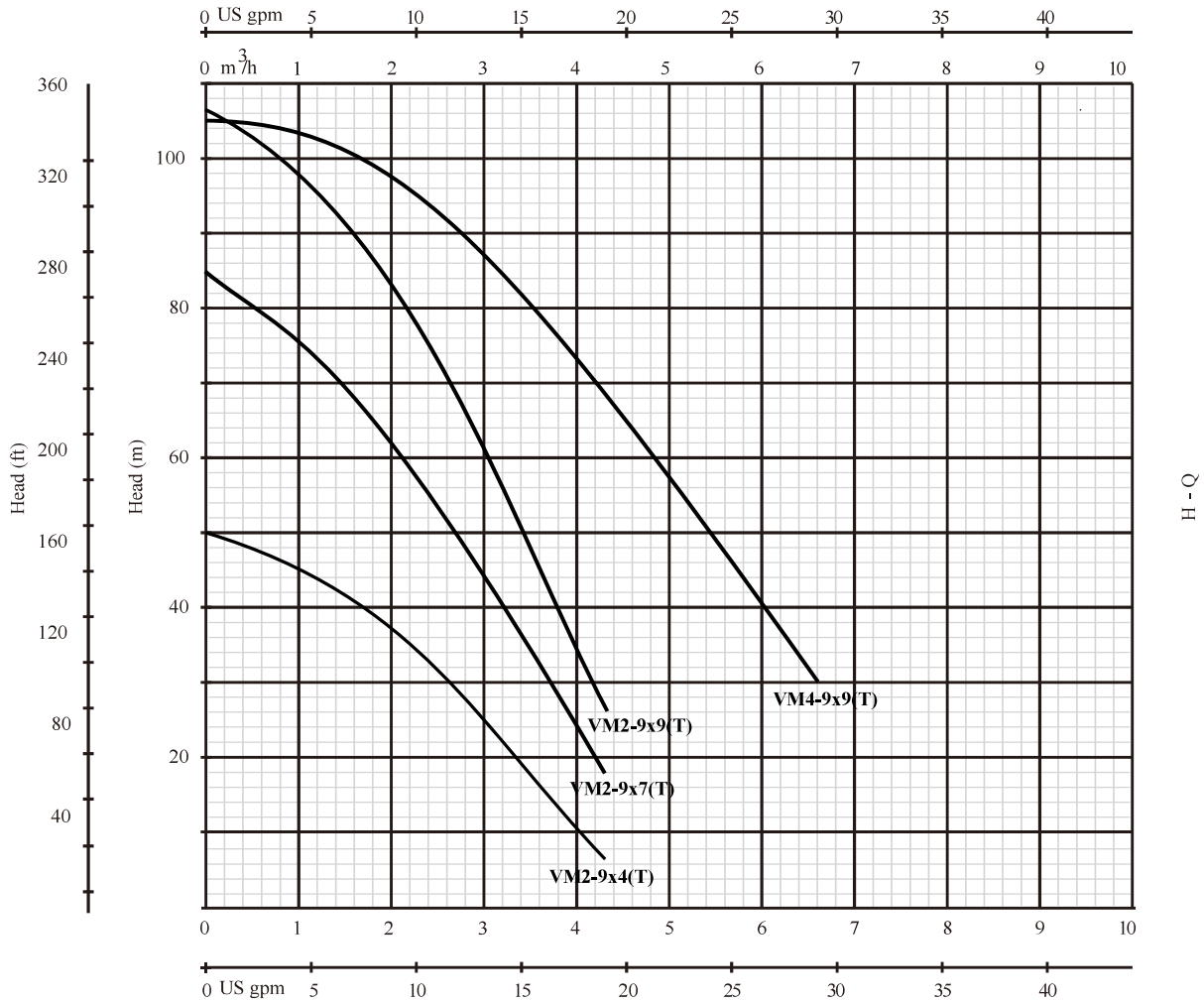
**VM/CVE**  
**Vertical multistage**  
**centrifugal pump**  
**n ≈ 2900 rpm**

**TECHNICAL DATA**

**50 Hz n=2900 1/min**

MODEL	DN mm	Power kw hp		Q=DELIVERY									
				us gpm	0	5.3	10.6	15.8	19	26.4	29	37.0	42.0
				l/min	0	20	40	60	80	100	120	140	160
m <sup>3</sup> /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	H=Head (m)			
<b>VM2-9x4(T)</b>	25x25	0.75	1	50	44	33	18	7.5	-	-	-	-	
<b>VM2-9x7(T)</b>	25x25	1.1	1.5	85	73	55.5	32.5	18	-	-	-	-	
<b>VM2-9x9(T)</b>	25x25	1.5	2	106	95.4	74.2	45	26	-	-	-	-	
<b>VM4-9x8(T)</b>	25x25	2.2	3	105	102.3	94	80	71.8	68	30	-	-	

**VM**

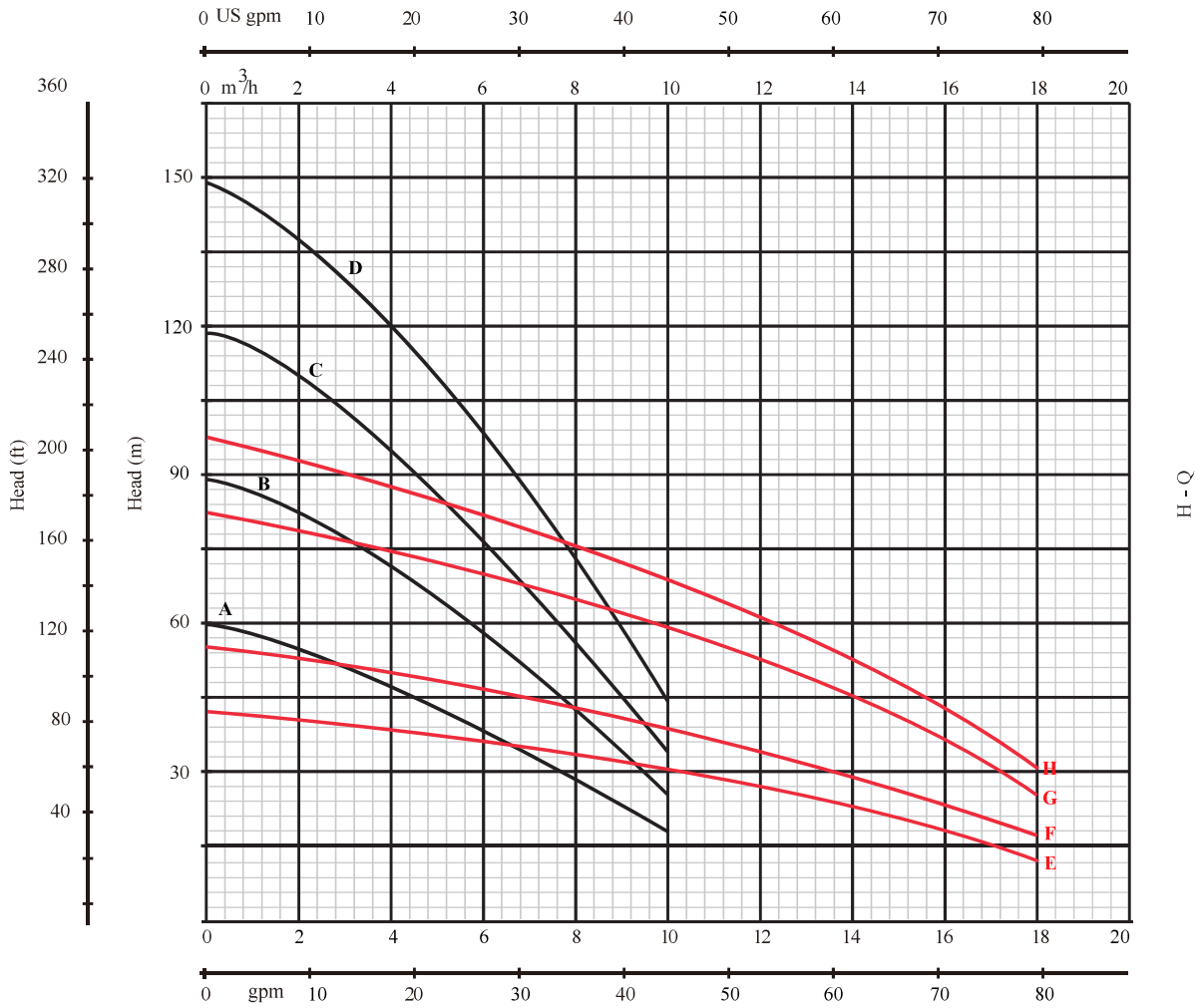


**TECHNICAL DATA**

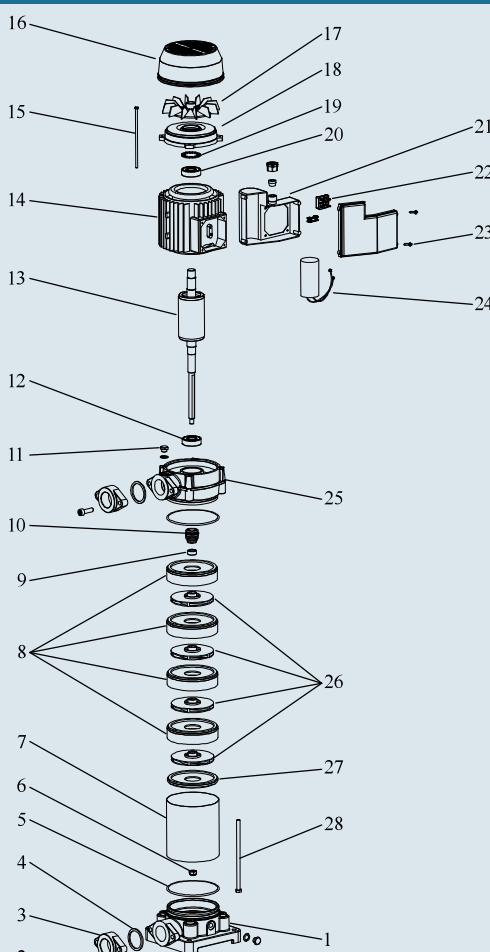
**50 Hz n=2900 1/min**

MODEL	DN mm	Power kw hp		Q=DELIVERY									Line	
				us gpm	0	5.3	18.5	31.7	44.9	58	71.3	79.2		
				l/min	0	20	70	120	167	220	270	300		
				m <sup>3</sup> /h	0	1.2	4.2	7.2	10	13.2	16.2	18		
				H=Head (m)										
CVE125-4(T)	40x32	1.5	2.0	60	57.3	46	32.4	18	-	-	-	-	A	
CVE125-6(T)	40x32	2.2	3.0	89	85.5	70	49	25.5	-	-	-	-	B	
CVE125-8T	40x32	3.0	4.0	118.5	114.6	93	63.6	34	-	-	-	-	C	
CVE125-10T	40x32	4.0	5.5	148.8	143.4	118	83.7	44.5	-	-	-	-	D	
CVE205-3(T)	40x32	1.5	2.0	42	41.2	38.7	34.5	30.3	24	17.4	12.6	-	E	
CVE205-4(T)	40x32	2.2	3.0	54.6	54	50	44.7	39	30.6	22.5	17	-	F	
CVE205-6T	40x32	3.0	4.0	82	80.4	74.7	67	59	48.3	35.4	25.5	-	G	
CVE205-7T	40x32	4.0	5.5	97	95.1	87	77.8	68.8	56.4	41	30.6	-	H	

**CVE**

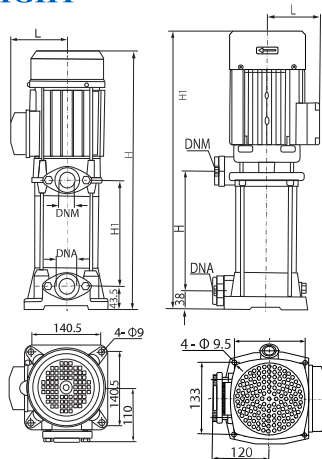


## VM - CVE ELEMENTS DESCRIPTION

ELEMENTS	N	DESCRIPTION
	1	Sucking body
	2	Screw
	3	Flange
	4	Gasket
	5	O'Ring
	6	Self-locking nut
	7	Inox casing
	8	Diffusers set
	9	Spacer
	10	Mechanical seal
	11	1/4" GAS Screw plug
	12	Bearing
	13	Motor shaft
	14	Motor case + stator
	15	Tie rod
	16	Fan Cover
	17	Cooling fan
	18	Shield
	19	Ring
	20	Bearing
	21	Capacitor box
	22	Terminal box
	23	Self-threading screw
	24	Capacitor
	25	Pump body
	26	Impeller
	27	Diffusers cover
	28	Tie rod

## VM - CVE DIMENSIONS AND WEIGHT

MODEL	G.W (kg)	Packing size (mm)
VM2-9x4(T)	17	485x220x300
VM2-9x7(T)	22	595x220x300
VM2-9x9(T)	24	640x220x300
VM4-9x8(T)	26	615x220x300
CVE125-4(T)	27	610x310x360
CVE125-6(T)	31.9	610x310x360
CVE125-8T	38.2	790x340x380
CVE125-10T	43	790x340x380
CVE205-3(T)	27.6	610x310x360
CVE205-4(T)	30	610x310x360
CVE205-6T	38	790x340x380
CVE205-7T	42.7	790x340x280



VM

CVE

MODEL	L	H	H1
VM2-9x4(T)	132	430	168
VM2-9x7(T)	140	538	249
VM2-9x9(T)	140	586	297
VM4-9x8(T)	140	562	273
CVE125-4(T)	116	502	190
CVE125-6(T)	116	555	239
CVE125-8T	142	668	288
CVE125-10T	142	718	337
CVE205-3(T)	116	503	171
CVE205-4(T)	116	543	250
CVE205-6T	142	710	329
CVE205-7T	142	750	369