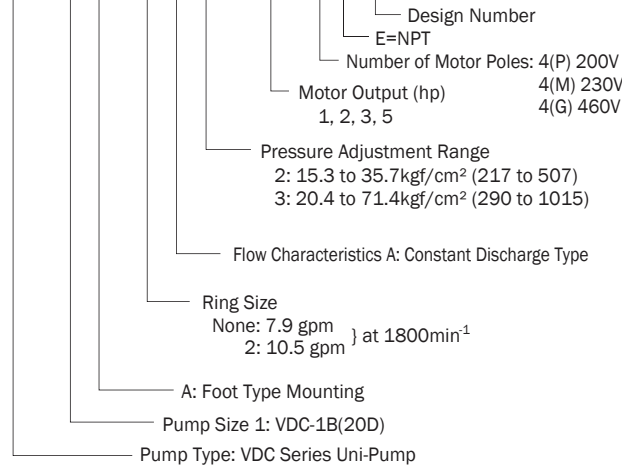


Uni-Pump Specifications

(CE mark standard compliant)

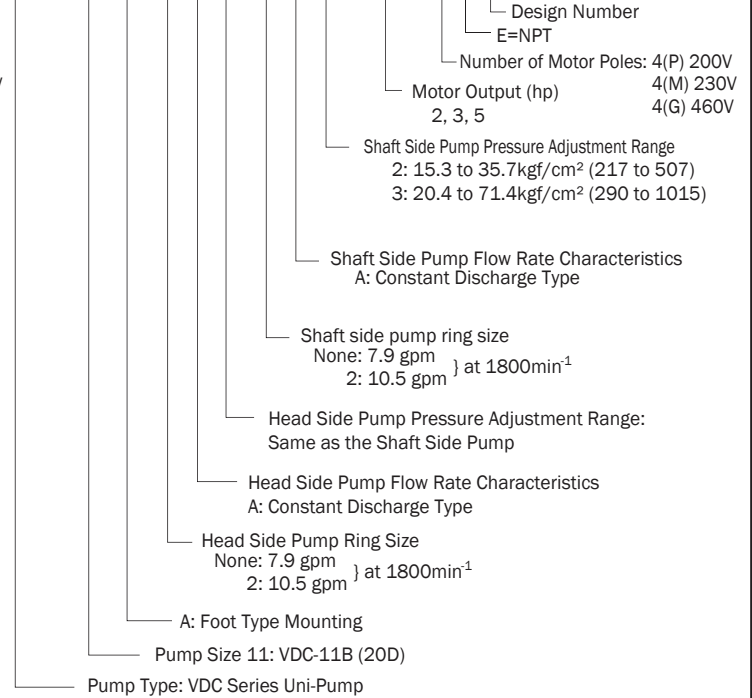
Single Pump

UVC - 1 A - 2 A 2 - 1.5 - 4 * 30



Double Pump

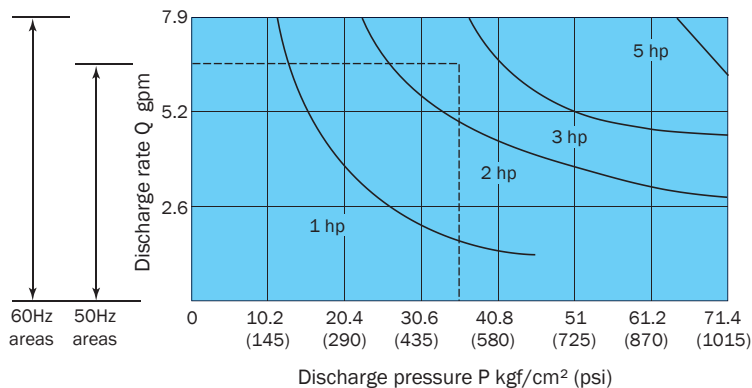
UVC - 11 A - 2 A 2 - 2 A 2 - 3.7 - 4 * 30



Specifications

Model No.	Maximum Working Pressure kgf/cm ² (psi)	Maximum Flow Rate gpm (A*)		Maximum Flow Rate gpm(2A*)	
		50Hz	60Hz	50Hz	60Hz
UVC- 1A UVC-11A	71.4 (1015)	6.6	7.9	8.7	10.3

Motor selection curves



• Selecting a motor

The area under a motor output curve in the graph to the left is the operating range for that motor under the rated output for that motor.

Example:

To find the motor that can produce pressure of 507 psi and a discharge rate of 6.6 gpm.

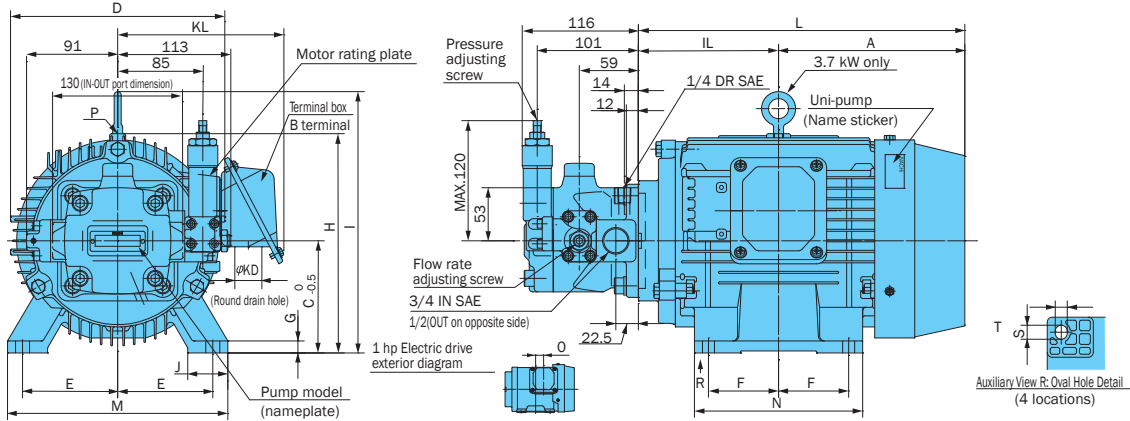
Selection Process:

Since the intersection of the two broken lines from a pressure of 507 psi and discharge rate of 6.6 gpm intersect in the area under the 3 hp curve, it means that a 3 hp motor should be used. In the case of a double pump configuration, select a motor that is larger than the total power required by both pumps.

* Select a uni-pump that has a pressure and flow rate that is within the range of the drive so that the drive will not overload.

Installation Dimension Drawings

UVC-1A

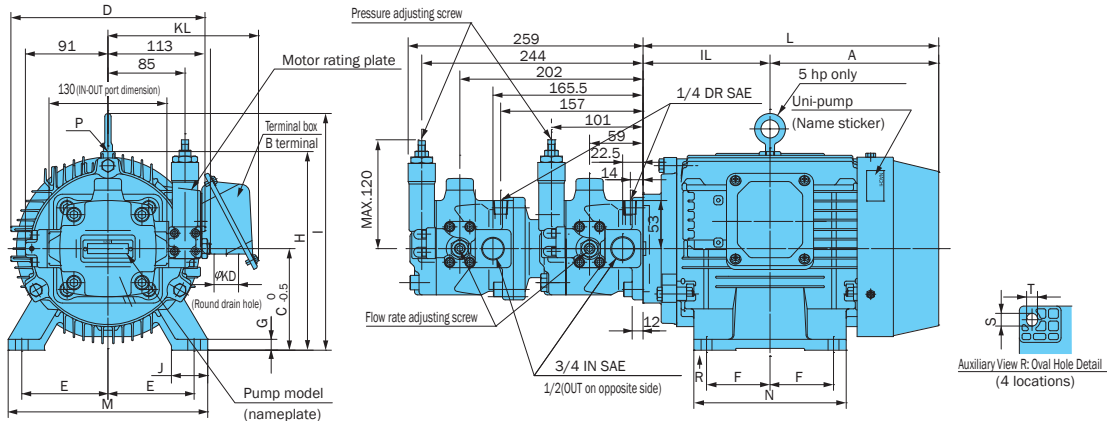


Uni-pump	Motor Dimensions mm																Frame No.	Output hp (4 poles)	Weight lbs		
	A	IL	C	D	E	F	G	H	I	J	L	M	N	S *T	KD	KL				O	
UVC-1A-A2-0.75-4-30	133	105	80	170	62.5	50	4.5	165	-	35	238	165	130	18*10	ø27	157	27.5	80M	1	53	
UVC-1A-A2-1.5-4-30	143	118.5	90	198	70	62.5	10	190	-	40	261.5	176	150	12*10	ø27	159	-	90L	2	56	
UVC-1A-A3-1.5-4-30																					
UVC-1A-A2-1.5-4-30	157.5	133	100	198	80	70	12	200	-	40	290.5	200	168	14*12	ø27	159	-	100L	3	67	
UVC-1A-A3-2.2-4-30																					
UVC-1A-A2-2.2-4-30	186	140	112	214	95	70	12	-	261	40	326	220	168	14*12	ø27	166	-	112M	5	80	
UVC-1A-A3-3.7-4-30																					
UVC-1A-A4-3.7-4-30																					
UVC-1A-2A2-3.7-4-30																					
UVC-1A-2A3-3.7-4-30																					

0.75 to 2.2kW model does not have hangers.

- Standard drive motor is the fully enclosed fan-cooled B type.
- Standard voltage for drive motor is 200 VAC, 50/60 Hz or 220 VAC, 60 Hz.
- Standard terminal box is B terminal (right side viewed from pump).
- See page A-21 for the characteristics of the drive motor for the unipump (domestic standard 3 rating).

UVC-11A



Uni-pump	Motor Dimensions mm																Frame No.	Output hp (4 poles)	Weight lbs	
	A	IL	C	D	E	F	G	H	I	J	L	M	N	S *T	KD	KL				
UVC-11A-A2-A2-1.5-4-30	143	118.5	90	198	70	62.5	10	190	-	40	261.5	176	150	12*10	ø27	159	90L	2	79	
UVC-11A-A2-A3-1.5-4-30																				
UVC-11A-A3-A3-1.5-4-30																				
UVC-11A-A2-A2-2.2-4-30	157.5	133	100	198	80	70	12	200	-	40	290.5	200	168	14*12	ø27	159	100L	3	90	
UVC-11A-A3-A3-2.2-4-30																				
UVC-11A-A2-A2-2.2-4-30	186	140	112	214	95	70	12	-	261	40	326	220	168	14*12	ø27	166	112M	5	103	
UVC-11A-A3-A3-3.7-4-30																				
UVC-11A-A2-A2-3.7-4-30																				
UVC-11A-A2-A3-3.7-4-30																				
UVC-11A-A3-A3-3.7-4-30																				
UVC-11A-2A2-2A2-3.7-4-30																				
UVC-11A-2A2-2A3-3.7-4-30																				

No hanger on 2 and 3 hp models.

- Standard drive motor is the fully enclosed fan-cooled B type.
- Standard voltage for drive motor is 200 VAC, 50/60 Hz or 220 VAC, 60 Hz.
- Standard terminal box is B terminal (right side viewed from pump).
- See page A-21 for the characteristics of the drive motor for the unipump (domestic standard 3 rating).