


TIDAL FLUID POWER

AVAILABILITY, SERVICE, QUALITY, PRICE

SINGLE VANE PUMPS

35VQ Heavy Duty Fixed Displacement Vane Pumps

High Performance

High speeds of up to 2500rpm

Versatile and compact

Peak Pressure 3000psi

Contaminant Tolerant

Quiet operation

Cartridge design

SAE "C" Mount 2 Bolt



Model	Cam Ring Size Delivery USgpm @1200 Rev/min	Displacement cm ³ /r (in ³ /r)	Maximum Speed rpm	Maximum Pressure bar (psi)	Typical Delivery US gpm (l/min) @ max speed	Typical Input Power kw (hp) @ max speed	Approx weight kg (lbs)
35VQ	25.0	82 (4.9)	2500	210 (3000)	45 (173)	75 (101)	23 kg (50lb)
	30.0	98 (5.9)	2500	210 (3000)	55 (211)	88 (117)	
	35.0	113 (6.8)	2400	210 (3000)	60 (231)	98 (132)	
	38.0	122 (7.4)	2400	210 (3000)	65 (250)	104 (140)	

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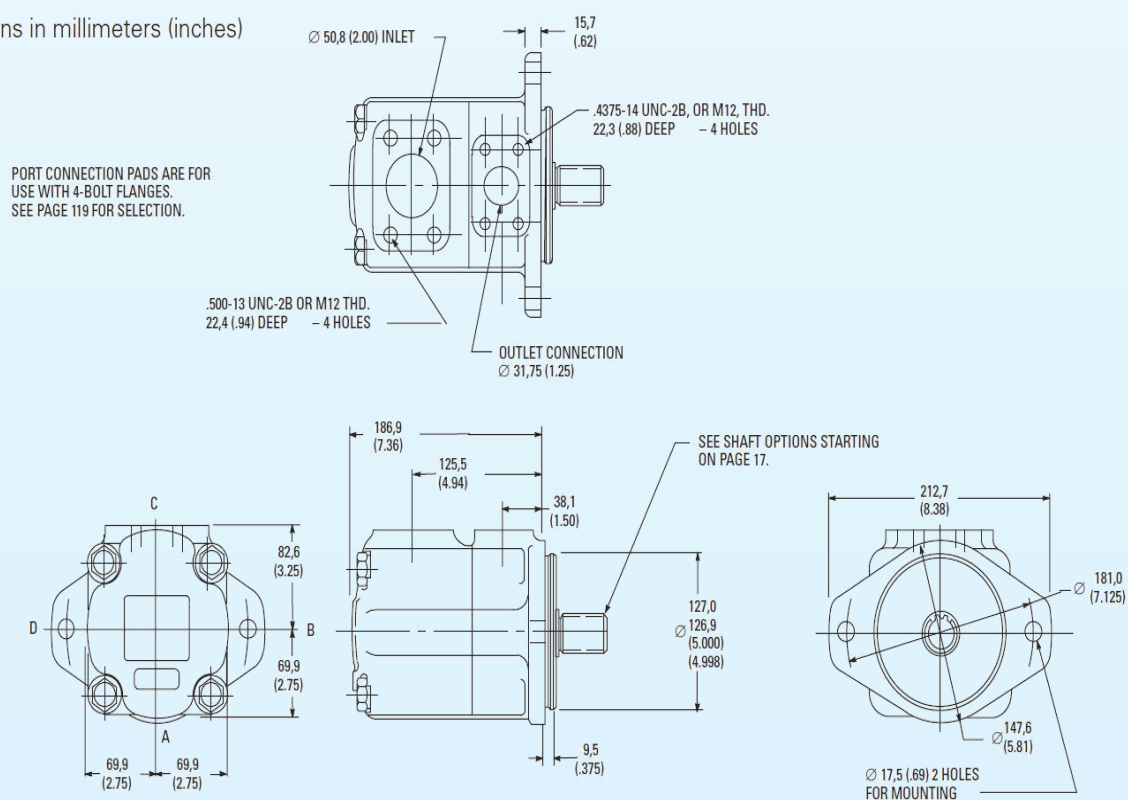
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	35VQ	xx	A	X	C	20X
Series						Rotation R = CW Rotation L = CCW Rotation
Cartridge Kit						Inlet Port Position A = Opposite outlet Port B = 90o DW from outlet C = In line with outlet D = 90o CCW from outlet
Port connections						Shaft Type 1 - Keyed 11 - Splined 86 - 1 3/8" Keyed

35VQ Series

Dimensions in millimeters (inches)



Cartridge Kit Rotation:

To change Cartridge kit rotation reverse the location of the inlet and outlet support plates. Hand tighten the cartridge screws and use pump cover to align all the parts. Remove the cover and tighten the cartridge screws to the designated value. Sharp edge of vanes must lead in direction of rotation.

Filtration:

For satisfactory service life, use full flow filtration to provide fluid which meets ISO cleanliness code 16/13 or better.