

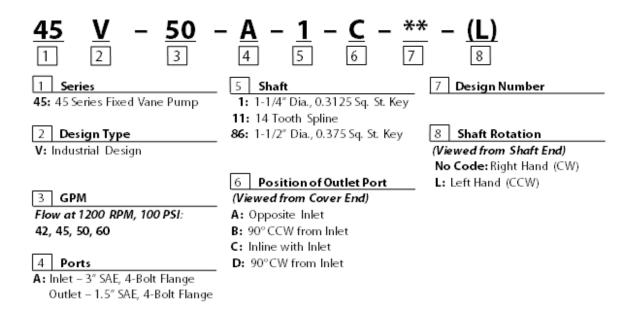
FEATURES

The Northman 45V Series pump is a fixed displacement, hydraulic balanced vane pump. This high performance intravane pump for industrial applications features high pressure capability with 12 vanes for low noise. The available flow ratings for the 45V series are from 42 GPM to 60 GPM at 1200 RPM. Viton seals are standard. Standard rotation is right-hand (clockwise), with left-hand rotation (counterclockwise) available ("L" option). The flange mounting is the SAE "C" two-bolt standard. The outlet port may be oriented in any one of four positions.

SYMBOL



MODEL CODE

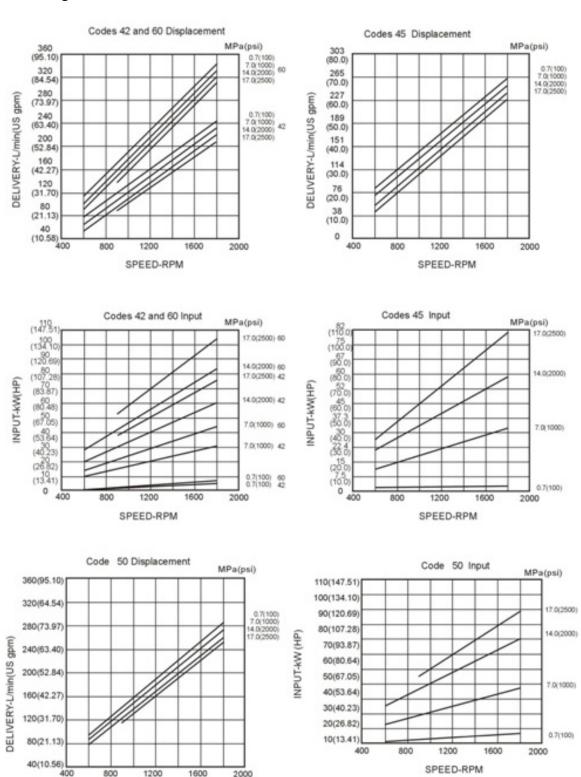


SINGLE FIXED DISPLACEMENT 45V SERIES

PERFORMANCE CURVES

45V Single Pump (Ring Size -42 & 60 GPM)

SAE 10W Fluid at 120°F. Pump Inlet at 0° hg.



SPEED-RPM

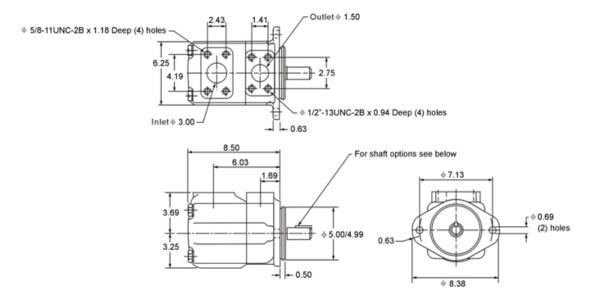
SINGLE FIXED DISPLACEMENT 45V SERIES

SPECIFICATIONS

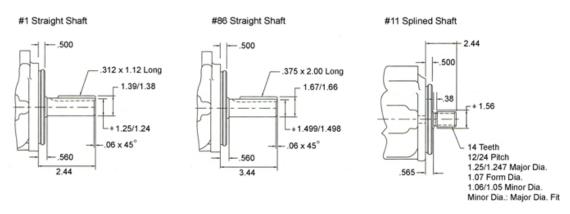
Based on Petroleum Oil: 120°F (49°C), Viscosity 150 SUS at 100°F (38°C), 0 Inlet PSI								
Model	Flow Code GPM @ 1200 RPM & 100 PSI	Displacement in³/r (cm³/r)	Max. Speed RPM	Max. Pressure PSI (BAR)	Weight Lbs (Kg)			
45V	42	8.42 (138)	1800	2500 (172)	75.2 (34.1)			
	45	8.66 (142)						
	50	9.89 (162)						
	60	11.78 (193)						

DIMENSIONS

45V Single Pump - Dimensions in Inches



45V Shafts Dimensions in inches





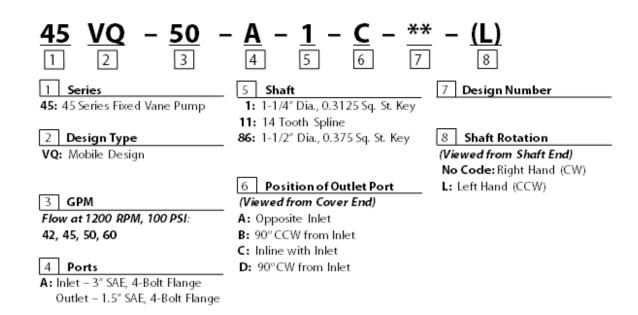
FEATURES

The Northman 45VQ Series pump is a fixed displacement, hydraulic balanced vane pump. This high performance intravane pump features the 10 vane design for the high pressure and speed requirements of mobile applications. The available flow ratings for the 45VQ series are from 42 GPM to 60 GPM at 1200 RPM. Viton seals are standard. Standard rotation is right-hand (clockwise), with left-hand rotation (counterclockwise) available ("L" option). The flange mounting is the SAE "C" two-bolt standard. The outlet port may be oriented in any one of four positions.

SYMBOL



Model Code

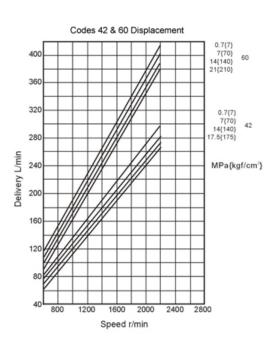


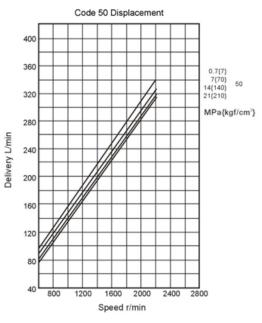
SINGLE FIXED DISPLACEMENT 45VQ SERIES

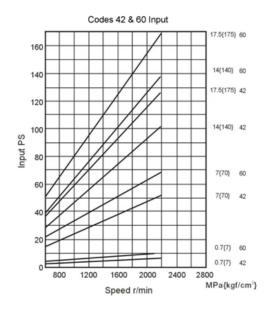
PERFORMANCE CURVES

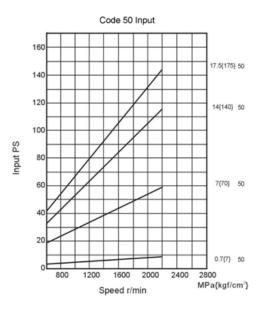
45VQ Single Pump (Ring Size -50 GPM)

SAE 10W Fluid at 120°F. Pump Inlet at 0° hg.









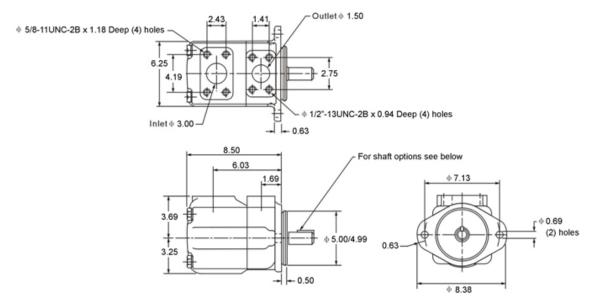
SINGLE FIXED DISPLACEMENT 45VQ SERIES

SPECIFICATIONS

Based on Petroleum Oil: 120°F (49°C), Viscosity 150 SUS at 100°F (38°C), 0 Inlet PSI							
Model	Flow Code GPM @ 1200 RPM & 100 PSI	Displacement in³/r (cm³/r)	Max. Speed RPM	Max. Pressure PSI (BAR)	Weight Lbs (Kg)		
45VQ	42	8.18 (134)	2400	2500 (172)	75.2 (34.1)		
	45	8.97 (147)	2200				
	50	9.52 (156)					
	60	11.53 (189)					

Dimensions

45VQ Single Pump - Dimensions in Inches



45VQ Shafts Dimensions in inches

