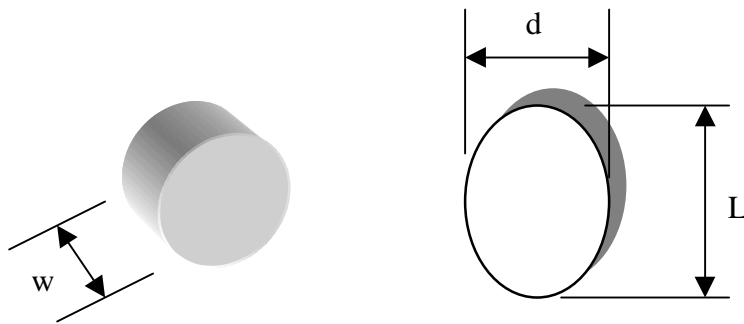_____

VANE DISPLACEMENT CALCULATION

The volumetric displacement of a vane pump or motor can be approximated by measurement of the internal parts and substituting the values in the following formula:

$$V = 12 \times w \times \frac{(L + d)}{4} \times \frac{(L - d)}{2}$$

Where

V	=	displacement in in³/rev
w	=	rotor width in inches
d	=	shortest distance across eccentric bore in inches
L	=	longest distance across eccentric bore in inches

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