

SELECTION TABLE

NOTE: Max. Recommended Firing Rates apply at 10" Hg for single-stage units and 15" Hg for two-stage units

	Max. Recomd. Firing Rate gph		Max. Recomd. Firing Rate gph		Inlet Line Sizing Requirement gph				Recommended Motor h.p.		Dim. A	
	1725	3450	1725	3450	34SSU	1000SSU	1725	3450	1725	3450		
Shaft	1725	3450	1725	3450	34SSU	1000SSU	1725	3450	1725	3450	1725	3450
V05 & V02 Series Single-Stage Fuel Pumps (with Internal Regulations)												
100 psi Ratings	V052D-4D020	40	75	65	135	135	65	135	.25	.33	.25	.75
	V056C-4D020	130	—	190	—	190	190	—	.50	—	.75	—
300 psi Ratings	+V022C-4D020	20	60	50	120	120	50	120	.50	.75	.50	1.0
	+V023C-4D020	40	105	80	185	185	80	185	.50	1.00	.50	1.5
	+V024C-4D020	60	140	110	240	240	110	240	.75	1.5	.75	2.0
	+V026C-4D020	95	—	155	—	155	155	—	1.0	—	1.0	—
	+V028C-4D020	115	—	190	—	190	190	—	1.5	—	2.0	—
300 psi Ratings	+2V022C-5D020	20	60	50	120	120	100	205	.50	1.0	.50	1.5
	+2V023C-5D020	40	105	80	185	185	140	270	.75	1.5	.75	2.0
	+2V024C-5D020	60	—	110	—	110	200	—	.75	—	1.0	—
	+2V026C-5D020	95	—	155	—	155	250	—	1.5	—	1.5	—

V00 Series Single-Stage transfer (with no internal Regulation)

20 psi Ratings*	V002C-4D0	45	85	70	140	70	140	.25	.25	.25	.50	5.13
	V003C-4D0	70	140	100	205	100	205	.25	.25	.25	.75	5.13
	V004C-4D0	95	175	140	270	140	270	.25	.25	.25	.75	5.13
	V006C-4D0	145	—	200	—	200	—	.25	—	.50	—	5.13

V08 Series Single-Stage Transfer Pumps (with Internal Regulation)

80 psi Ratings*	V086C-4D020	135	—	190	—	250	—	.33	—	.75	—	7.75
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2V00 Series Two-Stage Transfer Pumps (with no Internal Regulation)

20 psi Ratings**	2V006C-5D0	145	—	200	—	250	—	.33	—	.75	—	7.75
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2V08 Series Supply Pumps (with Internal Regulation)

80 psi Ratings**	+2V086C-5D04	135	—	190	—	250	—	.50	—	1.0	—	7.75
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* Operating pressure to 300 psi permissible (using external regulating valve)
 V00 Series gph and hp ratings at 100 psi same as V05 ratings above.
 V00 Series gph and hp ratings at 300 psi same as V02 ratings above.

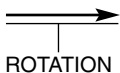
** Operating pressure to 300 psi permissible (using external regulating valve)
 2V00 Series gph and hp ratings at 300 psi same as V02 ratings above.

+Also available in clockwise rotation.

V SERIES CODE ANALYSIS

HARDENED GEARS — **H**

J71—MFG. DATE CODE



$\frac{VO}{T}$	$\frac{2}{T}$	$\frac{6}{T}$	$\frac{C}{T}$	$\frac{1}{T}$	$\frac{00}{T}$	$\frac{30}{T}$
A	B	C	D	E	F	G

A

Pump Series

VO—Single-Stage

2VO—Two-Stage

B

Pressure Code	Rated Pressure (psi)	Typ. Adj. Range (psi)
0	No Valve	—
5	100	85-120
2	300	125-330
8	80	15-85

C

Gear Size Code	Nom. Thickness
2	1/4
3	3/8
4	1/2
6	3/4
8	1

D

Body

Style	Rotation	Nozzle
C	CCW	Left
D	CW	Right

NOTE: Nozzle location and shaft rotation determined viewing unit from shaft end.

E.

No.	Design Series
1	Initial Design
3	2-Stage, Inlet Gear One Size Larger than Pressure Gear
4	Single-Stage, Seal Pressed in Body
5	Same as 3 Ex. Seal Pressed/Body

F.

Cust. Code	Shaft Ext.
DM	3-1/2
DO	1-7/8

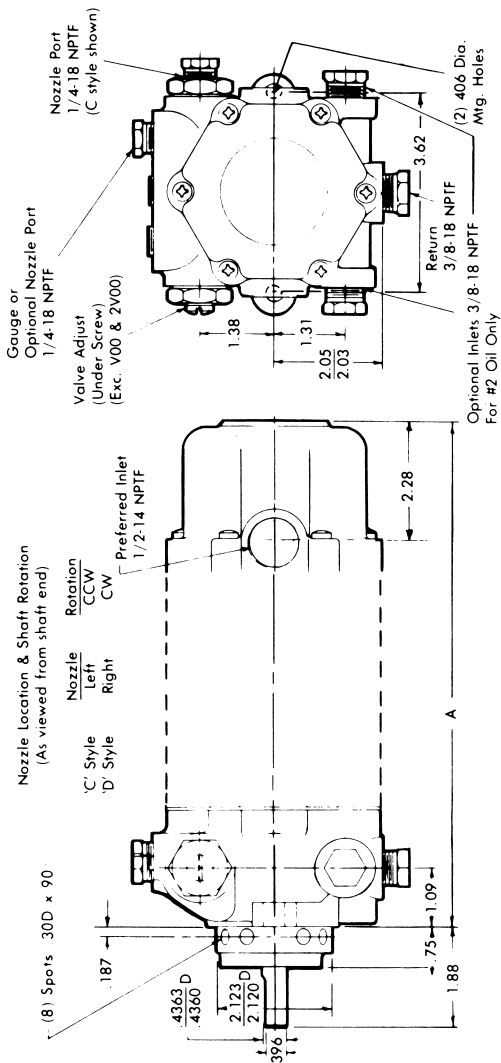
G

Pump Operation
V-Guide, One Slot, No Cutoff
No Number for Transfer Pumps

Rotation and Nozzle Location

V Series Fuel-Units are available in standard C Style Models (counterclockwise rotation, nozzle port on left, as viewed from shaft end) or D Style Models (clockwise rotation, nozzle port on right, as viewed from shaft end).

Dimensions



NOTE: To assure compliance with National Fire Protection Association's Bulletin 31, "Installation of Oil Burning Equipment," fuel unit inlet pressure should not exceed 3 psig.