

Model No

### VQ Series Double Pump

**(F3) 3525 VQ 21 (C)11(S)1 CC 20 (L)**

F3 - VITON SEALS  
OMIT - STANDARD BUNA N

PUMP SERIES DESIGNATION  
2520 3525 4525  
3520 4520 4535

FLEX PLATE VANE TYPE PUMP

GPM CAPACITY-SHAFT END PUMP

(SAE RATING 1200 RPM-100PSI)

25xxVQ	35xxVQ	45xxVQ
12	25	42
14	30	50
17	35	60
21	38	

SAE PORT CONNECTIONS

MODELS WITHOUT FLOW CONTROL

CODE	INLET	OUTLET NO.1 SHAFT END	OUTLET NO.2 COVER END	PUMP SERIES
Omit	SAE 4 - bolt flg.	SAE 4 - bolt flg.	SAE 4 - bolt flg.	ALL
AM	Metric 4 - bolt flg.	Metric 4 - bolt flg.	Metric 4 - bolt	ALL
C	SAE 4 - bolt flg.	SAE str. thd.	SAE str. thd.	2520VQ
E	SAE 4 - bolt flg.	SAE 4 - bolt flg.	SAE str. thd.	ALL BUT 4535
F	SAE 4 - bolt flg.	SAE str. thd.	SAE 4 - bolt flg.	2520VQ

GPM CAPACITY-COVER END PUMP

(SAE RATING 1200 RPM-100 PSI), US gpm

xx20VQ	xx25VQ	xx35VQ
5	12	25
8	14	30
11	17	35
12	21	38
14		

MOUNTING & SHAFT SEAL ASSEMBLY

**F - Foot (single shaft seal)**

**OMIT - FOR flange mount with single shaft seal**

SHAFT TYPE

SINGLE SHAFT SEAL PUMPS

- 1-STRAIGHT KEYED
- 11-SPLINED
- 86-Stright key,heavy duty

SHAFT ROTATION

(VIEWED FROM SHAFT END)

L - LEFT HAND , OMIT - FOR RIGHT HAND

DESIGN NUMBER

OUTLET POSITIONS

(VIEWED FROM COVER END OF PUMP)  
ALL SERIES EXCEPT 4535VQ

WITH NO.1OUTLET OPPOSITE INLET

AA-NO.2 OUTLET 135° CCW FROM INLET  
AB-NO.2 OUTLET 45° CCW FROM INLET  
AC-NO.2 OUTLET 45° CW FROM INLET  
AD-NO.2 OUTLET 135° CW FROM INLET

WITH NO.1 OUTLET 90° CCW FROM INLET

BA-NO.2 OUTLET 135° CCW FROM INLET  
BB-NO.2 OUTLET 45° CCW FROM INLET  
BC-NO.2 OUTLET 45° CW FROM INLET  
BD-NO.2 OUTLET 135° CW FROM INLET

WITH NO.1 OUTLET INLINE WITH INLET

CA-NO.2 OUTLET 135° CCW FROM INLET  
CB-NO.2 OUTLET 45° CCW FROM INLET  
CC-NO.2 OUTLET 45° CW FROM INLET  
CD-NO.2 OUTLET 135° CW FROM INLET

WITH NO.1 OUTLET 90° CW FROM INLET

DA-NO.2 OUTLET 135° CCW FROM INLET  
DB-NO.2 OUTLET 45° CCW FROM INLET  
DC-NO.2 OUTLET 45° CW FROM INLET  
DD-NO.2 OUTLET 135° CW FROM INLET

SERIES 4535 VQ

WITH NO.1OUTLET OPPOSITE INLET

AA-NO.2 OUTLET OPPOSITE INLET  
AB-NO.2 OUTLET 90° CCW FROM INLET  
AC-NO.2 OUTLET INLINE WITH INLET  
AD-NO.2 OUTLET 90° CW FROM INLET

WITH NO.1 OUTLET 90° CCW FROM INLET

BA-NO.2 OUTLET OPPOSITE INLET  
BB-NO.2 OUTLET 90° CCW FROM INLET  
BC-NO.2 OUTLET INLINE WITH INLET  
BD-NO.2 OUTLET 90° CW FROM INLET

WITH NO.1 OUTLET INLINE WITH INLET

CA-NO.2 OUTLET OPPOSITE INLET  
CB-NO.2 OUTLET 90° CCW FROM INLET  
CC-NO.2 OUTLET INLINE WITH INLET  
CD-NO.2 OUTLET 90° CW FROM INLET

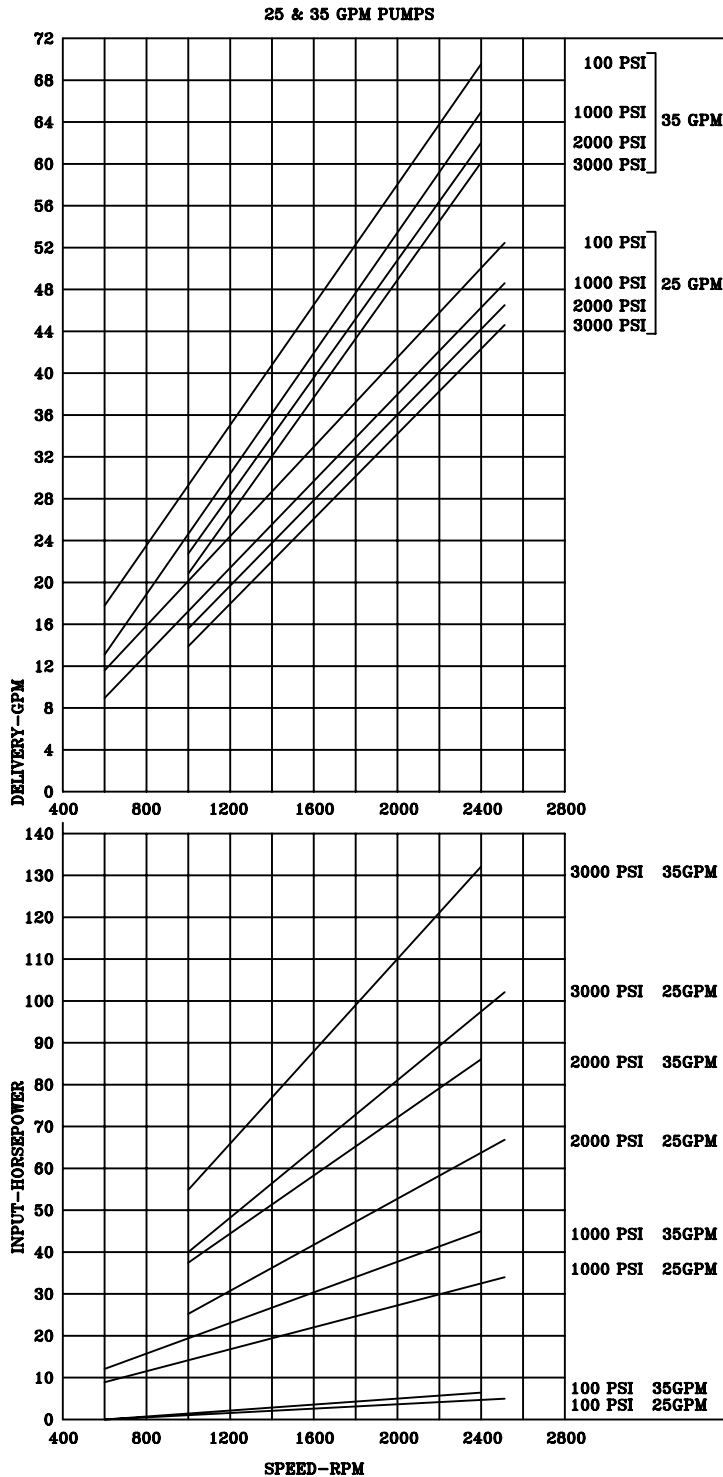
WITH NO.1 OUTLET 90° CW FROM INLET

DA-NO.2 OUTLET OPPOSITE INLET  
DB-NO.2 OUTLET 90° CCW FROM INLET  
DC-NO.2 OUTLET INLINE WITH INLET  
DD-NO.2 OUTLET 90° CW FROM INLET

## PERFORMANCE CURVES

Ring Size - 25 & 35 GPM  
 35\*\*VQ Double Pump - Shaft End

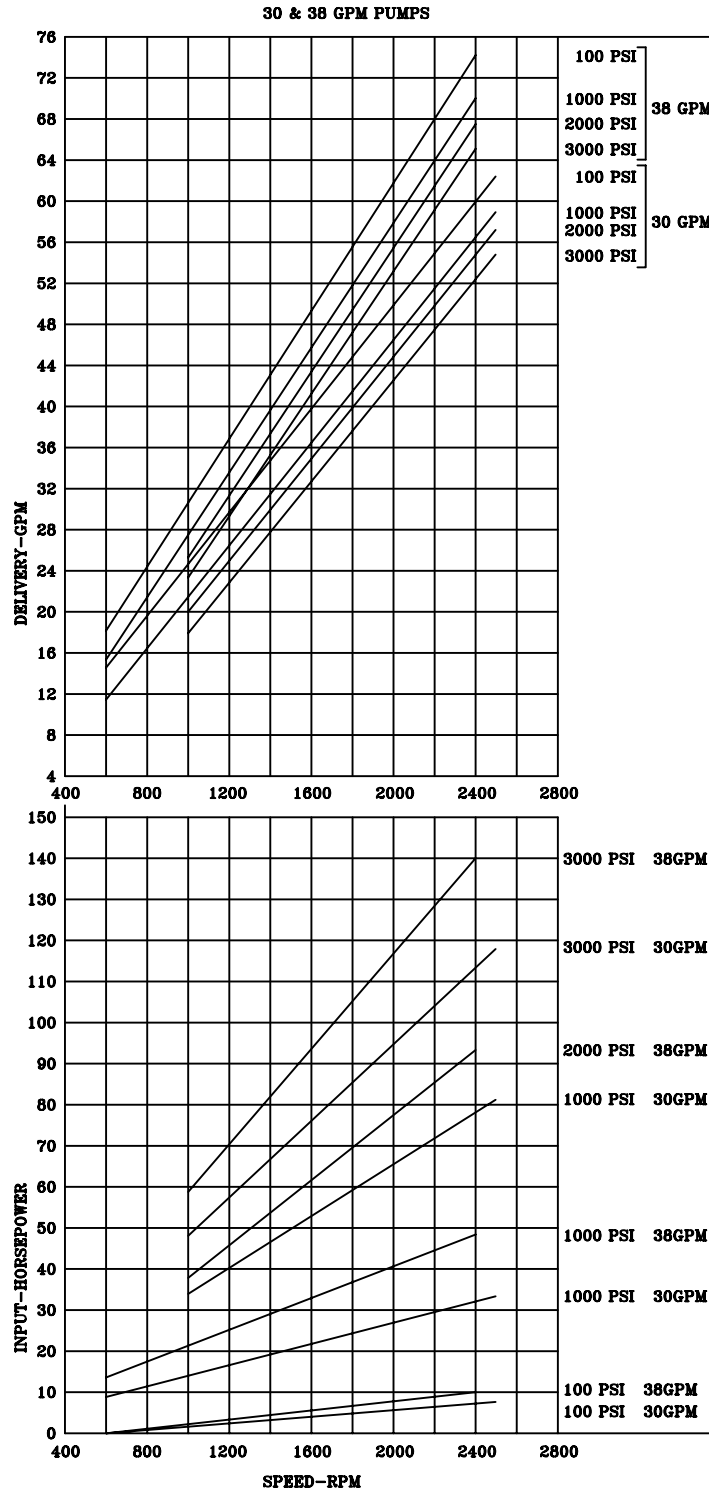
Performance Constants  
 SAE 10W Fluid at 180°F.  
 Pump Inlet at 0" hg.



### PERFORMANCE CURVES

Ring Size - 30 & 38 GPM  
 35\*\*VQDouble Pump - Shaft End

Performance Consistants  
 SAE 10W Fluid at 180°F.  
 Pump Inlet at 0" hg.

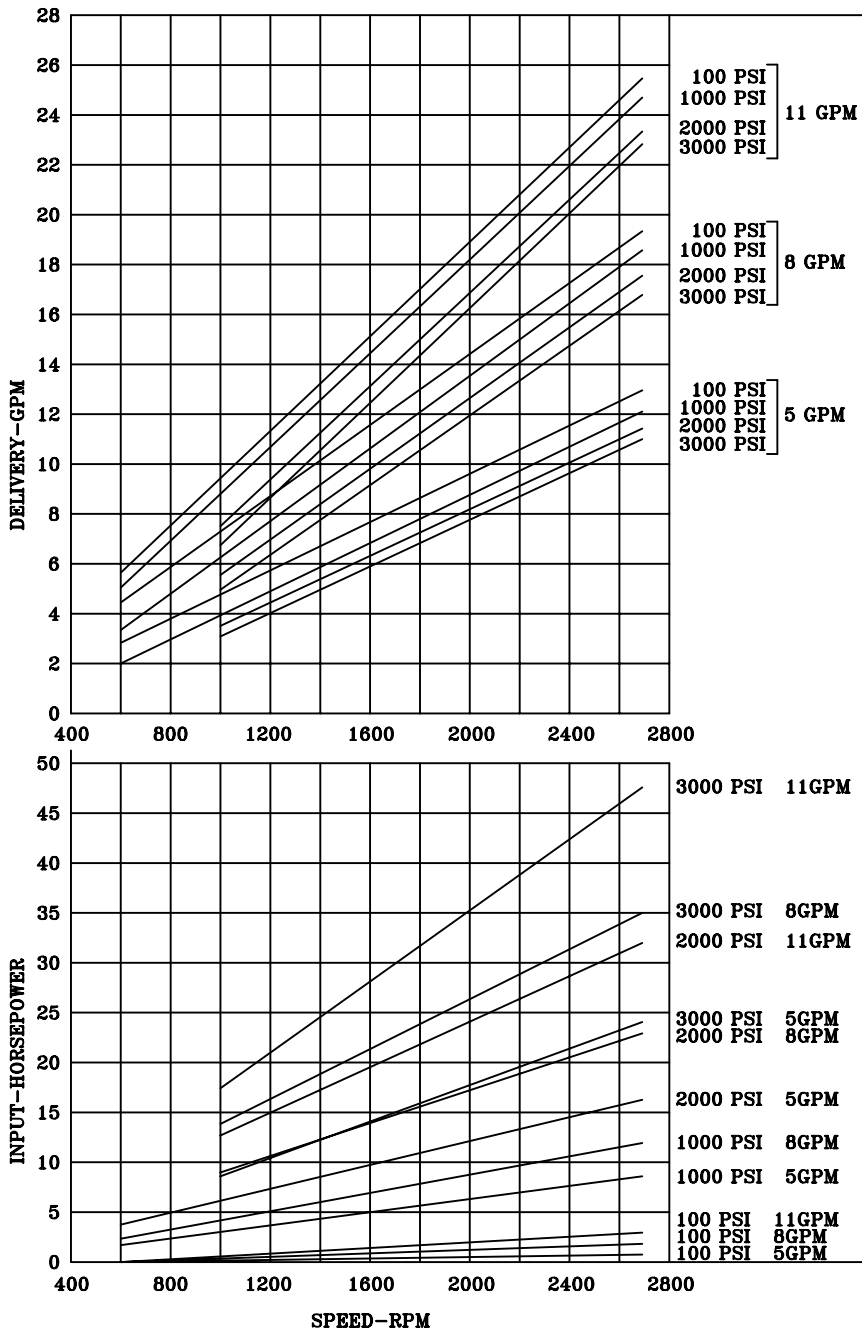


**PERFORMANCE CURVES**

Ring Size - 5,8 & 11 GPM  
**\*\* 20VQ Double Pump - Cover End**

Performance Constants  
 SAE 10W Fluid at 180°F.  
 Pump Inlet at 0" Hg.

**5,8 & 11 GPM PUMPS**



## PERFORMANCE CURVES

Ring Size - 12 & 14 GPM  
**\*\* 20VQ Double Pump - Cover End**

Performance Constants  
 SAE 10W Fluid at 180°F.  
 Pump Inlet at 0" Hg.

