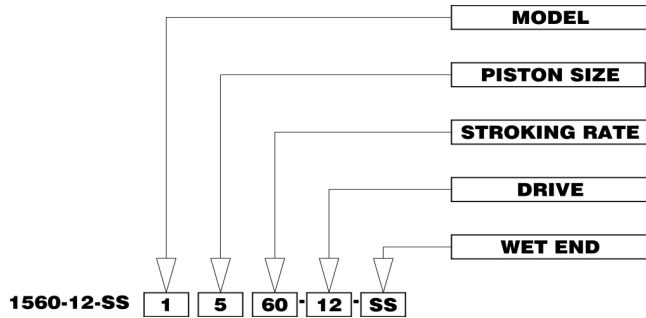




## PISTON PUMP MODELS AND VOLUME OUTPUTS



### PUMP HEAD VOLUME OUTPUTS

MAXIMUM FULL STROKE OUTPUT PER HEAD SIZE AT THE VARIOUS STROKE RATES  
 VALUES ARE BASED ON THE VISCOSITY OF WATER  
 STROKE LENGTH IS ADJUSTABLE FROM 0 TO 100%  
 MINIMUM RECOMMENDED STROKE SETTING IS 20% OF MAXIMUM

1/4" DIA PISTON		1000 PSI MAX		
STROKE RATE	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
06	6	0.1	2.4	
12	12	0.2	4.8	
18	18	0.3	7.2	
30	30	0.5	12	
60	60	1	24	

1" DIA PISTON		500 PSI MAX		
STROKE RATE	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
06	90	1.5	36	
12	180	3	72	
18	270	4	96	
30	450	7	168	
60	900	14	336	

3/8" DIA PISTON		1000 PSI MAX		
STROKE RATE	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
06	10	0.16	3.8	
12	20	0.32	7.6	
18	30	0.48	11.5	
30	50	0.8	19.2	
60	100	1.6	38.4	

1 1/2" DIA PISTON		100 PSI MAX		
STROKE RATE	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
06	180	3	72	
12	360	6	144	
18	540	9	216	
30	900	15	360	
60	1800	30	720	

1/2" DIA PISTON		1000 PSI MAX		
STROKE RATE	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
06	18	0.3	7.2	
12	36	0.6	14.4	
18	54	0.9	21.6	
30	94	1.5	36	
60	188	3	72	

2" DIA PISTON		100 PSI MAX		
STROKE RATE	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
06	360	6	144	
12	720	12	288	
18	1080	18	432	
30	1800	30	720	
60	3600	60	1440	

5/8" DIA PISTON		1000 PSI MAX		
STROKE RATE	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
06	36	0.6	14.4	
12	72	1.2	28.8	
18	108	1.8	43.2	
30	180	3	72	
60	360	6	144	

V-7 MINI-PUMP		100 PSI MAX		
MODEL	FULL STROKE OUTPUT			
	ML/MIN	GPH	GPD	
V-7-2	2.5	0.04	1	
V-7-6	8	0.12	3	
V-7-12	15	0.25	6	
V-7-30	63	1	24	
V-7-60	126	2	48	

TEFC	TOTALLY ENCLOSED FAN COOLED
EPFC	EXPLOSION PROOF FAN COOLED

MODEL	
1	SIMPLEX (SINGLE HEAD)
2	DUPLEX (TWO HEADS)
3	TRIPLEX (THREE HEADS)
4	QUAD (FOUR HEADS)

PISTON SIZE	
2	1/4" DIAMETER
3	3/8" DIAMETER
4	1/2" DIAMETER
5	5/8" DIAMETER
7	1 1/2" DIAMETER
8	1" DIAMETER
9	2" DIAMETER

STROKING RATE (V-10 FLANGE MOUNT)	
60	SIXTY STROKES/MINUTE
30	THIRTY STROKES/MINUTE
18	EIGHTEEN STROKES/MINUTE
12	TWELVE STROKES/MINUTE
06	SIX STROKES/MINUTE

STROKING RATE (V-5 COUPLING DRIVE)	
60	SIXTY STROKES/MINUTE
30	THIRTY STROKES/MINUTE
18	EIGHTEEN STROKES/MINUTE

V-10 DRIVE (FLANGE MOUNT)	
00	PUMP ONLY (NO DRIVE)
0FM	PUMP LESS MOTOR
12	1/3HP 120/240 VAC TEFC 60HZ 1PH
12V	1/2HP 120/240 VAC TEFC 60HZ 1PH
13	1/2HP 120/240 VAC EPFC 60HZ 1PH
14	1/4HP 90VDC TEFC PERMANENT MAGNET
14V	1/2HP 90VDC TEFC PERMANENT MAGNET
15	1/3HP 240/480VAC TEFC 60HZ 3PH
15V	1/2HP 240/480VAC TEFC 60HZ 3PH
16	1/2HP 240/480VAC EPFC 60HZ 3PH
17	1/3HP 575VAC TEFC 60HZ 3PH
18	1/2HP 120/240 VAC TEFC 50/60HZ 1PH
19	1/2HP 240/480VAC TEFC INVERTER DUTY

V-5 DRIVE (COUPLING DRIVE)	
OCD	PUMP LESS MOTOR (COUPLING DRIVE)
3	1/2HP 120/240 VAC EPFC 60HZ 1PH
4	1/2HP 90VDC TEFC PERMANENT MAGNET
6	1/2HP 240/480VAC EPFC 60HZ 3PH
7	1/2HP 240/480VAC TEFC 60HZ 3PH
8	1/2HP 120/240 VAC TEFC 60HZ 1PH

WET END	
BLANK	CARBON STEEL
SS	303 SS
S6	316 SS
C20	ALLOY 20
HC	ALLOY 276