

SERIES HEAVY DUTY

700 - 2200 PSI
9.4 - 57.8 GPM

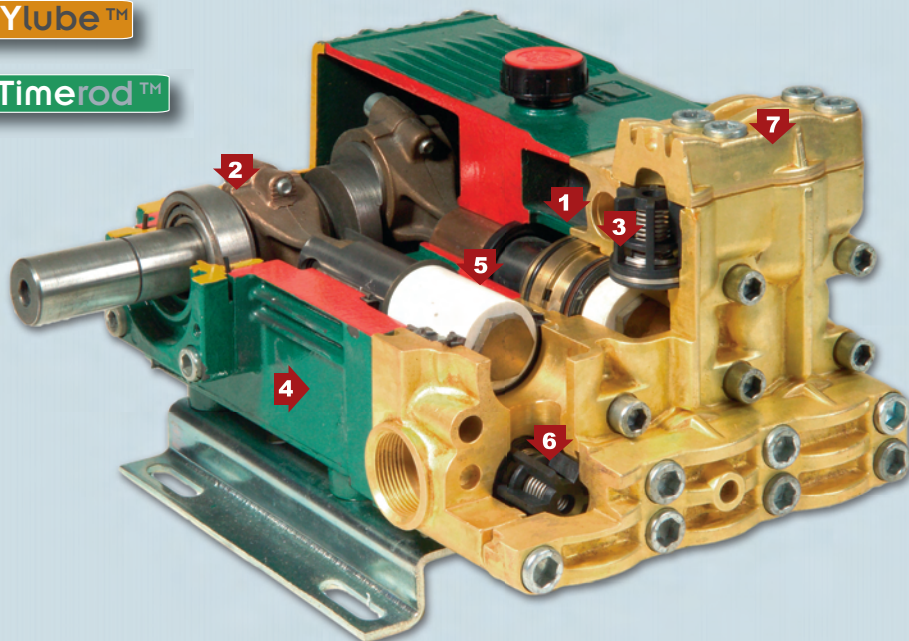
NON STOP SERVICE - These pumps can run 24/7

Clearly the workhorse of any industry which requires continuous water disbursement.

*Great for the Car Wash industry, Food Plants
Heavy Duty in every sense of the word.*

EASYlube™

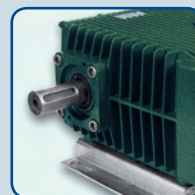
LifeTimerod™



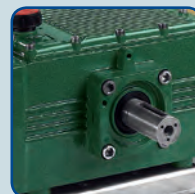
EUROPEAN-AMERICAN COMPONENTS



1. Patented du-dry plunger rod bushing PTFE coated, greatly reduces friction for smooth operation.
2. Premium oversized taper roller bearings designed to endure heavier loads and extend operations.
3. Double "V" packing self-lubricating sealing system in elastometer maximizes seal life.
4. Compact diecast aluminum crankcase for high strength and anodized for corrosion resistance.
5. Highly polished solid ceramic plungers reduce friction and prolong seal life.
6. Stainless steel check valves. Separately interchangeable inlet/outlet, they ensure the greatest volumetric efficiency and suction capability.
7. Forged brass head assures chemical resistance.
8. Interlocking "self-aligning" connecting rods in bronze guarantee perfect alignment, ultimately reducing friction, heat, wear and noise.



CK 1203
CK 1503
CK 2203

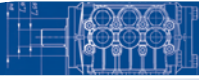


C3006

Applications



BERTOLINI
pumps



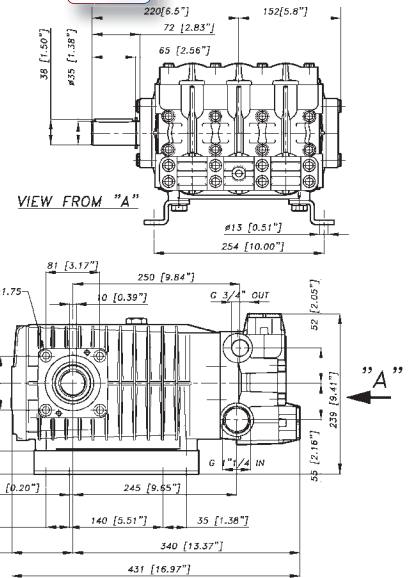
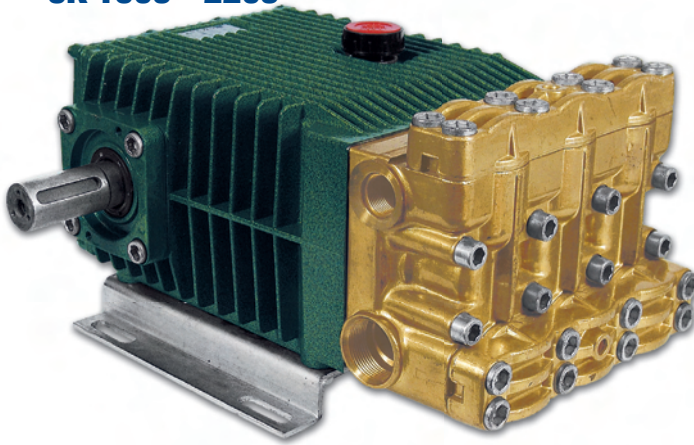
customized precision state of the art
highest quality

state of the art precision customized highest quality



PUMPS CK series

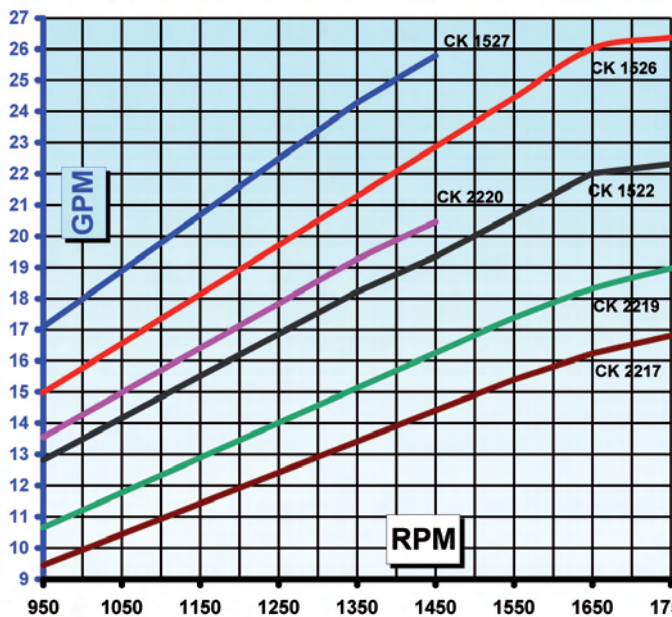
CK 1503 - 2203



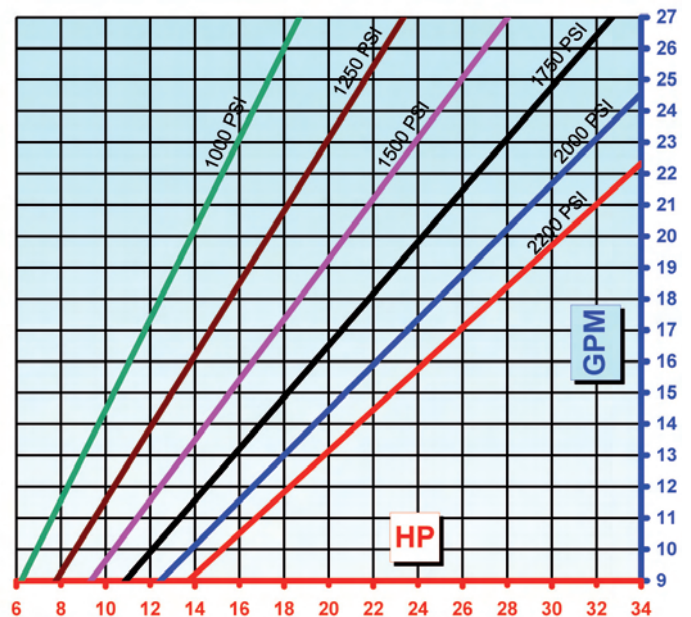
SPECIFICATIONS		CK
IN	DIAMETER	1" 1/4 BSP
	PRESS	MIN 6 in Hg MAX 87 PSI
	TEMP	MAX 140°F
OUT	DIAMETER	3/4 BSP
SHAFT	SOLID 35 mm	
OIL	SAE 75W/90	oz 94.7
WEIGHT	lbs	114.4

PART	MODEL	MAX PSI	MAX GPM	RPM	MAX HP	BORE mm	STROKE mm
73.8613.97.3	CK 2217	2200	9.4	950	14.5	30	19.5
			14.4	1450	22.1		
73.8614.97.3	CK 2219	2200	10.7	950	16.3	30	22.0
			16.3	1450	24.9		
73.8615.97.3	CK 2220	2200	13.6	950	20.8	30	28.0
			20.5	1450	31.4		
73.8600.97.3	CK 1522	1500	12.8	950	13.4	38	16.5
			19.3	1450	20.2		
73.8601.97.3	CK 1526	1500	22.3	1750	23.3	38	19.5
			15.0	950	15.7		
73.8602.97.3	CK 1527	1500	22.9	1450	23.9	38	19.5
			26.4	1750	27.6		
73.8602.97.3	CK 1527	1500	17.1	950	17.9	38	22.0
			25.8	1450	27.0		

GPM PERFORMANCE CURVES TO 950 - 1750 RPM



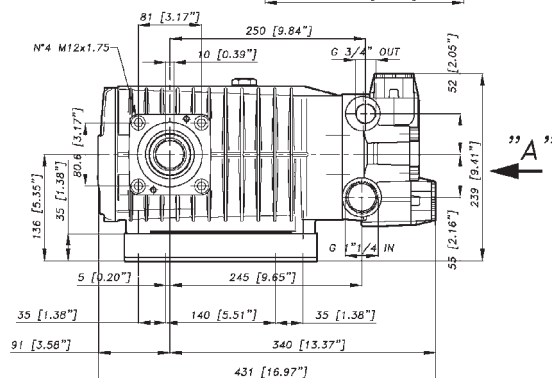
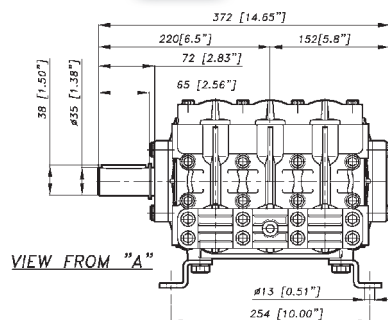
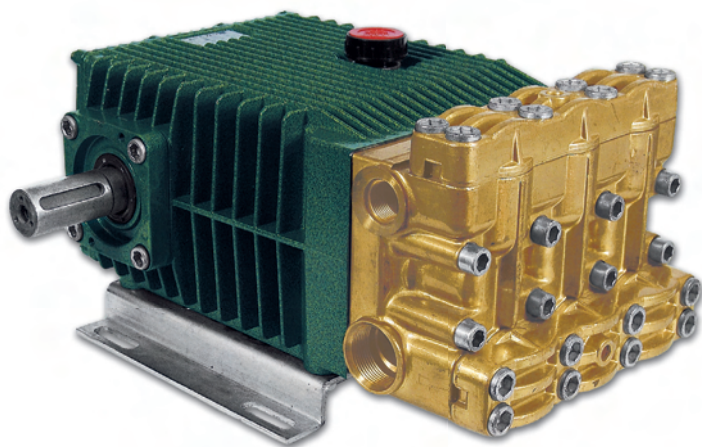
HP PERFORMANCE CURVES TO 1000 - 2200 PSI





PUMPS CK series

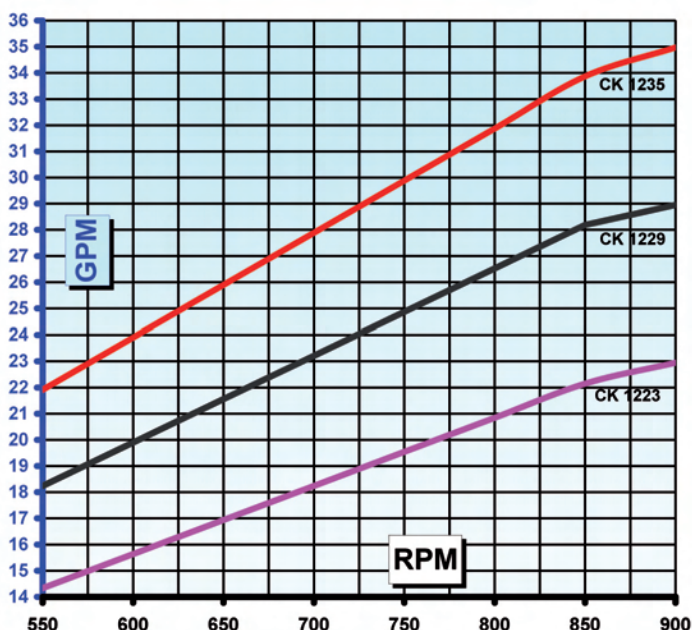
CK 1203



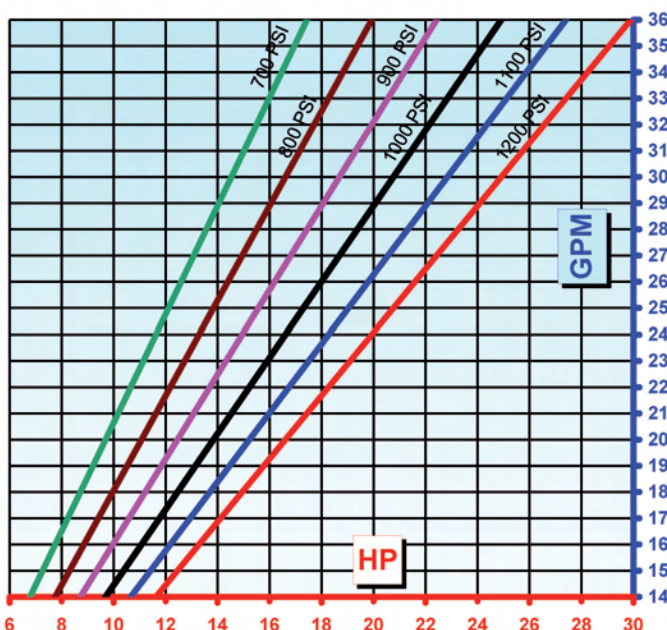
SPECIFICATIONS				CK
IN	DIAMETER			1" 1/4 BSP
	PRESS	MIN		6 in Hg
		MAX		87 PSI
	TEMP	MAX		140°F
OUT	DIAMETER			3/4 BSP
SHAFT	SOLID 35 mm			
OIL	SAE 75W/90	oz		94.7
WEIGHT	lbs			114.4

PART	MODEL	MAX PSI	MAX GPM	RPM	MAX HP	BORE mm	STROKE mm
73.8603.97.3	CK 1223	1200	14.3	550	12.0	45	22.0
			19.5	750	16.4		
			23.0	900	19.2		
73.8604.97.3	CK 1229	1200	18.2	550	15.3	45	28.0
			25.0	750	20.9		
			29.0	900	24.2		
73.8605.97.3	CK 1235	1200	21.9	550	18.3	45	34.0
			29.9	750	25.0		
			35.0	900	29.3		

GPM PERFORMANCE CURVES TO 550-900 RPM

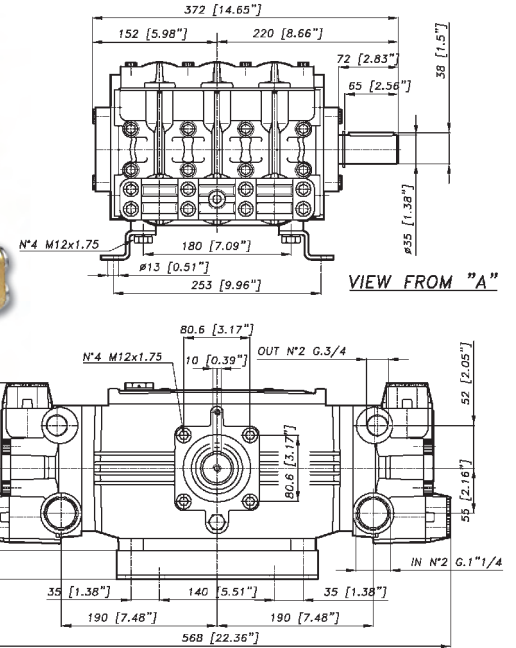
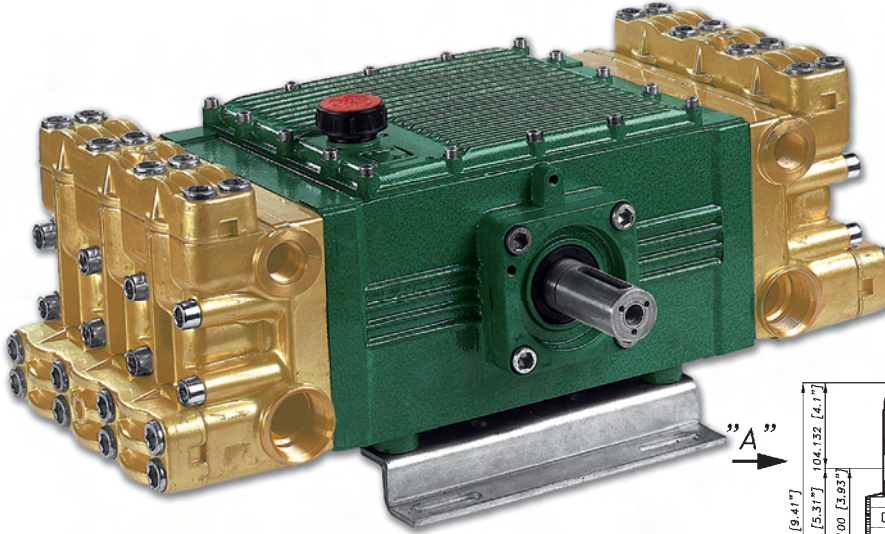


HP PERFORMANCE CURVES TO 700 - 1200 PSI



PUMPS C 3006 series

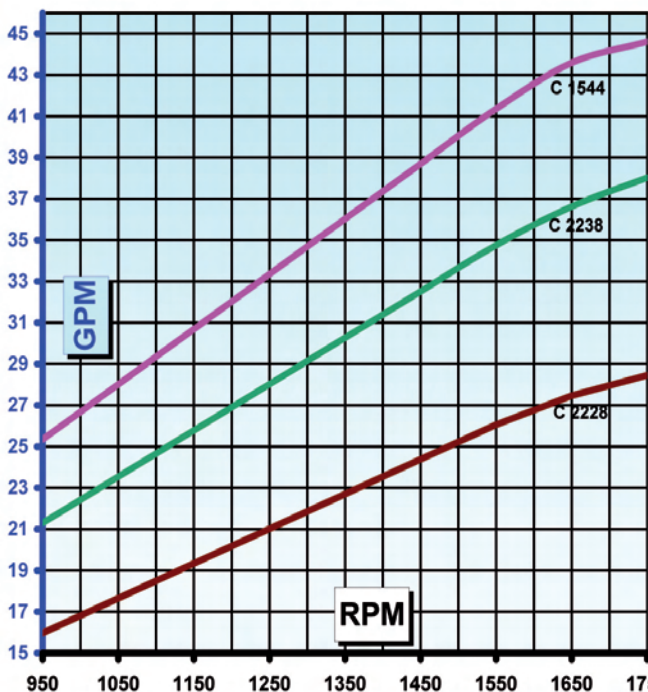
C 1506 - 2206



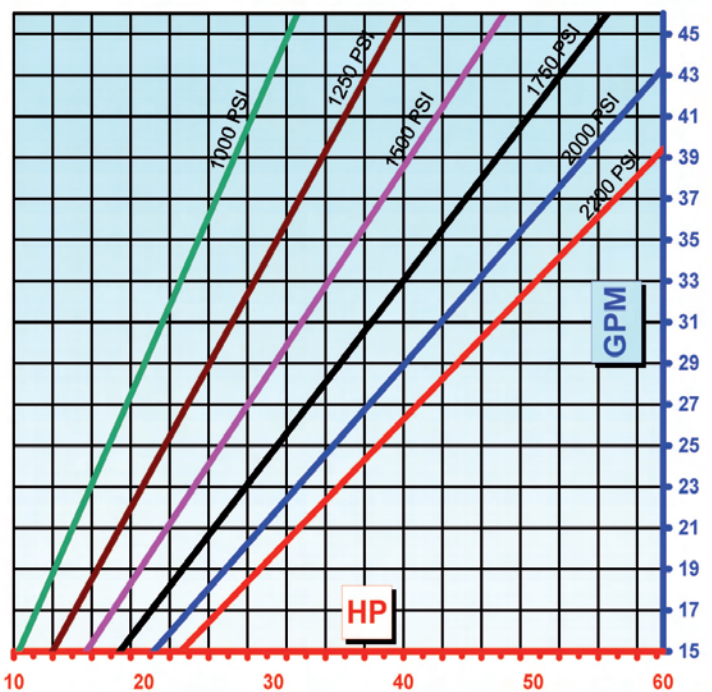
SPECIFICATIONS			C
IN	DIAMETER		(Nr.2) 1" 1/4 BSP
	PRESS	MIN	6 in Hg
		MAX	87 PSI
	TEMP	MAX	140°F
OUT	DIAMETER		(Nr.2) 3/4 BSP
SHAFT	SOLID 35 mm		
OIL	SAE 75W/90	oz	94.68
WEIGHT	lbs		165.4

PART	MODEL	MAX PSI	MAX GPM	RPM	MAX HP	BORE mm	STROKE mm
76.8300.97.3	C 2228	2200	16.0	950	24.5	30	16.5
			24.4	1450	37.4		
			28.5	1750	43.7		
76.8301.97.3	C 2238	2200	21.3	950	32.7	30	22.0
			32.5	1450	49.9		
			38.0	1750	58.4		
76.8302.97.3	C 1544	1500	25.3	950	26.5	38	16.5
			38.7	1450	40.5		
			44.6	1750	46.7		

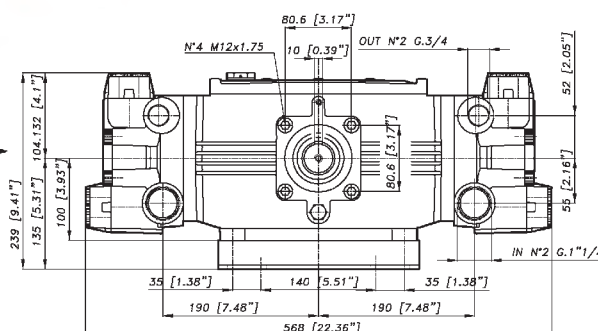
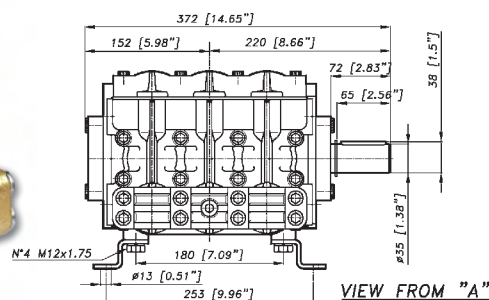
GPM PERFORMANCE CURVES TO 950 - 1750 RPM



HP PERFORMANCE CURVES TO 1000 - 2200 PSI



C 1206



PART	MODEL	MAX PSI	MAX GPM	RPM	MAX HP	BORE mm	STROKE mm
76.8303.97.3	C 1246	1200	28.7	550	24.0	45	22.0
			39.1	750	32.7		
			45.4	900	38.0		
76.8304.97.3	C 1258	1200	36.5	550	30.5	45	28.0
			49.7	750	41.6		
			57.8	900	48.4		

A line graph showing the relationship between RPM (X-axis) and GPM (Y-axis) for two pumps, C 1258 and C 1246. The X-axis ranges from 550 to 900 RPM, and the Y-axis ranges from 28 to 60 GPM. Pump C 1258 is represented by a green line, and Pump C 1246 is represented by a red line. Both pumps show a linear increase in GPM with RPM, with Pump C 1258 having a higher flow rate than Pump C 1246.

RPM	GPM (C 1258)	GPM (C 1246)
550	36.5	28.5
600	39.5	31.5
650	42.5	34.5
700	45.5	37.5
750	48.5	40.5
800	51.5	43.5
850	54.5	46.5
900	57.5	49.5

The graph illustrates the relationship between flow rate (GPM) and pressure drop (PSI) for various flow rates. The x-axis represents flow rate in GPM, ranging from 10 to 50. The y-axis represents pressure drop in PSI, ranging from 28 to 60. Six lines are plotted, each corresponding to a different flow rate: 700 PSI (green), 800 PSI (dark red), 900 PSI (purple), 1000 PSI (black), 1100 PSI (blue), and 1200 PSI (red). The lines show that pressure drop increases linearly with flow rate.

Flow Rate (GPM)	700 PSI (PSI)	800 PSI (PSI)	900 PSI (PSI)	1000 PSI (PSI)	1100 PSI (PSI)	1200 PSI (PSI)
10	28.0	28.0	28.0	28.0	28.0	28.0
20	36.0	36.0	36.0	36.0	36.0	36.0
30	44.0	44.0	44.0	44.0	44.0	44.0
40	52.0	52.0	52.0	52.0	52.0	52.0
50	60.0	60.0	60.0	60.0	60.0	60.0