

BERTHA MOUNTING OPTIONS

Swivel



V-Band



4-Bolt



To identify rotation of an existing pump, the drive shaft will be offset to the right for standard rotation and to the left for reverse rotation. All pictures above are in reverse rotation.



BELT DRIVE MOUNTS

Cable Driven



Conventional



BRACKETS

Belt Drive Brackets (Left or Right)



Chassis Mount Brackets



FUEL FILTERS



REGULATORS



SHUT OFF'S



CHECK VALVES



SPRINT

GEAR PUMPS



Engine RPM	2000	3000	4000	5000	6000	7000	8000	9000
F.P. RPM	1000	1500	2000	2500	3000	3500	4000	4500
.150"	0.37	0.55	0.75	0.92	1.11	1.29	1.47	1.65
.175"	0.43	0.66	0.87	1.07	1.3	1.5	1.71	1.91
.200"	0.49	0.76	1	1.22	1.5	1.73	1.96	2.19
.250"	0.61	1.02	1.23	1.53	1.84	2.14	2.45	2.75
.300"	0.73	1.13	1.51	1.84	2.24	2.59	2.94	3.29
.350"	0.89	1.31	1.74	2.15	2.56	3	3.45	3.89
.400"	0.99	1.49	1.99	2.47	2.95	3.43	3.91	4.39
.450"	1.12	1.68	2.24	2.79	3.34	3.88	4.42	4.96
.500"	1.24	1.86	2.48	3.1	3.69	4.29	4.89	5.49
.525"	1.33	1.98	2.64	3.28	3.92	4.55	5.18	5.81
.600"	1.49	2.19	2.9	3.66	4.42	5.11	5.8	6.49
.700"	1.74	2.6	3.46	4.3	5.14	5.97	6.81	7.64
.750"	1.87	2.78	3.7	4.59	5.49	6.39	7.3	8.2
.800"	2	2.97	3.95	4.9	5.85	6.82	7.8	8.77
.900"	2.6	3.37	4.49	5.55	6.61	7.7	8.79	9.88
.950"	2.37	3.53	4.7	5.84	6.99	8.13	9.27	10.41
.1000"	2.48	3.69	4.91	6.14	7.37	8.56	9.75	10.94
.1100"	2.71	4.02	5.33	6.67	8.01	9.35	10.7	12.04
.1200"	2.99	4.45	5.92	7.38	8.84	10.24	11.65	13.05
.1300"	3.2	4.8	6.4	7.95	9.5	10.97	12.45	13.9

Gear GPM - Gallons Per Minute

Engine RPM	2000	3000	4000	5000	6000	7000	8000	9000
F.P. RPM	1000	1500	2000	2500	3000	3500	4000	4500
.600"	3.46	5.19	6.92	8.66	10.4	12.12	13.85	15.58
.650"	3.75	5.62	7.5	9.37	11.3	13.12	15	16.87
.700"	4.06	6.09	8.12	10.16	12.2	14.22	16.25	18.28
.750"	4.31	6.47	8.62	10.78	12.9	15.09	17.25	19.4
.800"	4.62	6.94	9.25	11.56	13.9	16.19	18.5	20.81
.850"	4.87	7.31	9.75	12.19	14.6	17.06	19.5	21.94
.900"	5.12	7.69	10.3	12.81	15.4	17.94	20.5	23.06
.950"	5.44	8.15	10.9	13.59	16.3	19.03	21.75	24.67
1.000"	5.75	8.62	11.5	14.37	17.3	20.12	23	25.87
1.100"	6.24	9.35	12.5	15.59	18.7	24.07	24.95	28.07
1.200"	6.69	10.03	13.4	16.72	20.1	23.4	26.75	30.09
1.300"	7.25	10.87	14.5	18.12	21.8	25.37	29	32.62
1.400"	7.81	11.72	15.6	19.53	23.4	27.34	31.25	35.15
1.500"	8.37	12.56	16.8	20.94	25.1	29.31	33.5	37.69
1.600"	8.81	13.22	17.6	22.4	26.4	30.84	35.25	39.65

Gear GPM - Gallons Per Minute



BERTHA

GEAR PUMPS

STEP 1 - Choose a set of gears based on your fuel demands and RPM from the list above.
STEP 2 - Choose from the following pump body configurations.
STEP 3 - Choose from standard or reverse orientation.
 *All of the following can be in reverse with the exception of the Manifold Sprint.

STEP 1 - Choose a configuration that meets the desired flow and accepts the necessary gears.
 *Shown here are standard options. Please inquire directly for custom options.
STEP 2 - Choose a mount option - Swivel, Collar, 4-Bolt Flange, V-Band Flange (see back page)
STEP 3 - Choose from a standard or reverse orientation.
STEP 4 - Choose inlet and outlet sizes.

These fuel pumps are designed and machined from forged aluminum. They house machined steel shafts and precisely lapped gears.

STANDARD SPRINT



Featured ORB-08 inlet and outlet ports. x4 additional ORB-06 inlet and outlet ports.

MANIFOLD SPRINT



Utilizes a bolt-on outlet manifold that features either three or four ORB-06 ports.

NOSTALGIA

Up to 1" gear sets for up to 23gpm



INLETS	OUTLETS	MANIFOLD BLOCK
1.25" Slip-on #29035	ORB AN-08 #29041	2x AN-06 #29029
1.5" Slip-on #29037	ORB AN-10 #29039	ORB Ports
AN-16 Male Flare #29031		
AN-20 Male Flare #29033		

LIL' BERTHA

Up to 1.6" gear sets for up to 35.25gpm



INLETS	OUTLETS	MANIFOLD BLOCK
1.25" Slip-on #29009	ORB AN-08 #29003	2x AN-08 #29001
1.5" Slip-on #29011	ORB AN-10 #29005	ORB Ports
1.75" Slip-on #29013	ORB AN-12 #29007	
AN-16 Male Flare #29015		
AN-20 Male Flare #29017		

*inlets and outlets pictured must be ordered separately



ORB-08, ORB-10 or ORB-12 inlet and outlet ports. Optional manifold block adds two ORB-06 ports.

ULTRA-LITE SPRINT



Same legendary performance weighing in 1/2 pound lighter than our Standard Sprint.

LATE MODEL MICRO MIDGET



Our smallest sprint pump: 0.5 lb lighter and 0.4 inch shorter (front to back)