

	1 5/8 in dia. plungers	2 in dia. plungers
Maximum crank speed	400 rpm	350 rpm
Maximum flow	83 L/min (22 gpm US)	113 L/min (30 gpm US)
Maximum pressure	6900 kPa (1000 psi)	5170 kPa (750 psi)
Stroke	57.1 mm (2 1/4 in)	
Optional Gear reduction	6:1 ratio, oil bath	
Suction port	2 in bushed to 1 1/2 in NPT	
Pressure port	1 1/2 in bushed to 1 1/4 in NPT	
Material	Aluminum (Std) Cast Iron (Opt)	
Weight	Aluminum (with reduction) 59kg (130 lbs) Cast Iron (with reduction) 93 kg (2051 lbs)	



Diesel With Transmission

Engine	Hatz E780 *
HP	9 HP @ 3000 rpm
Drive train	4 speed transmission, clutch 6:1 reduction on pump,
2 in plungers - max. flow	113 L/min (30 gpm US)
- max. pressure	5170 kPa (750 psi)
1 5/8 in plungers - max. flow	83 L/min (22 gpm US)
- max. pressure	6900 kPa (1000 psi)
Starting	Manual or electric (jump start)
Weight (complete)	254 kg (560 lbs)

Air with Chain Drive

Motor	JKS BVF-64P
HP	17 HP @ 3000 rpm
Drive train	2.32:1 reduction chain drive 6:1 reduction on pump
Max water flow	69 L/min (18 gpm US)
2 in plungers	@ 5170 kPa (750 psi)
1 5/8 in plungers	44 L/min (11 gpm US)
	@ 6900 kPa (1000 psi)
Weight (complete)	113 kg (248 lbs)

Diesel With Belt Drive

Engine	Hatz E780 *
HP	9 HP @ 3000 rpm
Drive train	3:1 reduction belt drive direct to crank
Max water flow	53 L/min (14 gpm US)
2 in plungers	@ 5170 kPa (750 psi)
1 5/8 in plungers	34 L/min (9.1 gpm US)
	6900 kPa (1000 psi)
Starting	Manual or electric (jump start)
Weight (complete)	209 kg (460 lbs)

Hydraulic with Chain Drive

Motor	Hydraulic gear motor
Hydraulic flow Required *	83 L/min (22 gpm US)
2 in plungers	@ 8340 kPa (1210 psi)
1 5/8 in plungers	95 L/min (25 gpm US)
	@ 7170 kPa (1040 psi)
Drive train	1.167:1 reduction chain drive 6:1 reduction on pump
Max water flow	113 L/min (30 gpm US)
2 in plungers	@ 5170 kPa (750 psi)
1 5/8 in plungers	83 L/min (22 gpm US)
	@ 6900 kPa (1000 psi)
Weight (complete)	128 kg (280 lbs)

* Flow at 100% hydraulic motor efficiency

*Other engines available on request

Electric with Transmission

Motor	10 HP @ 1800 rpm
Drive train	4 speed transmission, clutch 6:1 reduction on pump
Max water flow	95 L/min (25 gpm US)
2 in plungers - max. flow	5170 kPa (750 psi)
- max. pressure	61 L/min (16 gpm US)
1 5/8 in plungers - max. flow	6900 kPa (1000 psi)
- max. pressure	Included
Starter	228 kg (500 lbs)
Weight (complete)	

Hydraulic/Direct Drive

Motor	Hydraulic Geroler Motor
Hydraulic flow Required *	38 L/min (10 gpm US)
2 in plungers	@ 18270 kPa (2650 psi)
1 5/8 in plungers	43 L/min (11 gpm US)
	@ 15650 kPa (2270 psi)
Drive train	Direct to crank
Max water flow	113 L/min (30 gpm US)
2 in plungers	@ 5170 kPa (750 psi)
1 5/8 in plungers	83 L/min (22 gpm US)
	@ 6900 kPa (1000 psi)
Weight (complete)	115 kg (253 lbs)

* Flow at 100% hydraulic motor efficiency



PARTS HEADQUARTERS INC.

1175 APPLEBY LINE, UNIT C2, BURLINGTON, ONTARIO L7L 5H9
 TEL: (905) 332-3271 / 1-800-267-2082 / FAX: (905) 332-9497
 www.partshq.com

GENERAL SPECIFICATIONS (for continuous duty operation with water**)

ENGINE MODEL HATZ E785 diesel with 4 speed transmission		12 H.P. at 3000 r.p.m.				Speed Range: 500-3000 rpm			
Plunger Size		2 in. diameter (51 mm)				1-5/8 in. diameter (41 mm)			
Transmission Gear Ratio		1st 6.8:1	2nd 3.3:1	3rd 1.8:1	4th 1:1.05	1st 6.8:1	2nd 3.3:1	3rd 1.8:1	4th 1:1.05
Max. Engine R.P.M.		2400	2400	2400	2000	2400	2400	2400	2300
Pump R.P.M.		60	120	220	350	60	120	220	400
PUMP OUTPUT									
I.G.P.M.		4.2	9.0	16.7	25.0	2.8	6.0	11.3	18.3
U.S.G.P.M.		5.0	10.8	24.0	30.0	3.4	7.2	13.5	22.0
LITERS/MIN.		18.9	40.9	90.8	113.7	12.9	27.3	51.2	83.4
Max. Pressure p.s.i.		750 (53 kg/cm ²)	750 (53 kg/cm ²)	500 (35 kg/cm ²)	300 (21 kg/cm ²)	1000 (70 kg/cm ²)	1000 (70 kg/cm ²)	750 (53 kg/cm ²)	450 (32 kg/cm ²)
ENGINE MODEL HATZ E780 diesel with belt drive (no transmission)		10 H.P. at 3000 r.p.m.				Speed Range: 500-3000 rpm			
Plunger Size		2 in. diameter (51 mm)				1-5/8 in. diameter (41 mm)			
Max. Engine R.P.M.		2700				2700			
Pump R.P.M.		150				150			
Pulley Ratio		3 to 1				3 to 1			
PUMP OUTPUT									
I.G.P.M.		11.7				7.7			
U.S.G.P.M.		14.0				9.2			
LITERS/MIN.		53.0				34.9			
Max. Pressure - p.s.i.		750 (53 kg/cm ²)				1000 (70 kg/cm ²)			
ENGINE MODEL BRIGGS & STRATTON gasoline with 3 speed transmission		10 H.P. at 3000 r.p.m.				Speed Range: 600-3000 r.p.m.			
Plunger Size		2 in. diameter (51 mm)				1-5/8 in. diameter (41 mm)			
Transmission Gear Ratio		1st 4.30:1	2nd 1.85:1	3rd 1:1		1st 4.30:1	2nd 1.85:1	3rd 1:1	
Max. Engine R.P.M.		2700	2450	2100		2700	2700	2400	
Pump R.P.M.		105	220	350		105	240	400	
PUMP OUTPUT									
I.G.P.M.		7.7	16.7	25.0		5.0	12.0	18.3	
U.S.G.P.M.		9.2	20.0	30.0		6.0	14.4	22.0	
LITERS/MIN.		34.9	75.8	113.7		22.7	54.6	83.4	
Max. Pressure - p.s.i.		750 (53 kg/cm ²)	500 (35 kg/cm ²)	300 (21 kg/cm ²)		1000 (70 kg/cm ²)	750 (53 kg/cm ²)	450 (32 kg/cm ²)	
ENGINE MODEL BRIGGS & STRATTON gasoline with chain drive (no transmission)		10 H.P. at 3000 r.p.m.				Speed Range: 600-3000 r.p.m.			
Plunger Size		2 in. diameter (51 mm)				1-5/8 in. diameter (41 mm)			
Max. Engine R.P.M.		2700				2700			
Pump R.P.M.		190				190			
Sprocket Ratio		19/45				19/45			
PUMP OUTPUT									
I.G.P.M.		14.3				9.3			
U.S.G.P.M.		17.2				11.2			
LITERS/MIN.		65.2				42.4			
Max. Pressure - p.s.i.		750 (53 kg/cm ²)				1000 (70 kg/cm ²)			
PUMP SPECIFICATIONS		Stroke 2-1/4 in. (57 mm) Suction 2 in. bushed to 1-1/2 in. (51 mm to 38mm) Discharge 1-1/2 in. bushed to 1-1/4 in. (51 mm to 32 mm)							
NET WEIGHTS	GASOLINE POWERED PUMP (1)	DIESEL POWERED PUMP (2)			DIMENSIONS	GASOLINE POWERED PUMP (1)	DIESEL POWERED PUMP (2)		
Engine	120 lbs. (54 kg)	280 lbs. (127 kg)			Length	48 in. (1219 mm)	52 in. (1321 mm)		
Bare Pump	112 lbs. (51 kg)	112 lbs. (51 kg)			Width	21 in. (533 mm)	28 in. (711 mm)		
Frame Group	85 lbs. (39 kg)	98 lbs. (44 kg)			Height	25 in. (635 mm)	30 in. (762 mm)		

*Indicates Options; When Ordering, please specify

(1) BBP-25 with Briggs & Stratton engine and chain drive.