

## 9 Technical Data

### 9.1 Engine—PT2A

Machine		PT2A
Engine type		4-stroke, overhead valve, single cylinder
Engine make		Honda
Engine model		GX 160
Maximum rated power at rated speed <sup>1</sup>	kW (hp)	3.6 (4.8) @ 3600 rpm
Displacement	cm <sup>3</sup> (in. <sup>3</sup> )	163 (9.9)
Spark plug		(NGK) BPR 6ES (DENSO) W20EPR-U
Electrode gap	mm (in.)	0.7–0.8 (0.028–0.032)
Operating speed	rpm	3700
Valve clearance (cold) intake: exhaust:	mm (in.)	0.15 ± 0.02 (.006) 0.20 ± 0.02 (.008)
Air cleaner	type	Dry air filter
Engine lubrication	oil grade	SAE 10W30 Service Class SJ, SL
Engine oil capacity	L (gal US)	0.60 (0.2)
Fuel	type	Regular unleaded gasoline
Fuel tank capacity	L (gal US)	3.1 (0.8)

<sup>1</sup>Net engine power rating per SAE J1349 and ISO 3046. Actual power output may vary due to conditions of specific use.

## 9.2 Engine—PT3A

Machine		PT3A
Engine type		4-stroke, overhead valve, single cylinder
Engine make		Honda
Engine model		GX 240
Maximum rated power at rated speed <sup>1</sup>	kW (hp)	5.9 (7.9) @ 3600 rpm
Displacement	cm <sup>3</sup> (in. <sup>3</sup> )	270 (16.5)
Spark plug		(NGK) BPR 6ES (DENSO) W20EPR-U
Electrode gap	mm (in.)	0.7–0.8 (0.028–0.032)
Operating speed	rpm	3825
Valve clearance (cold) intake: exhaust:	mm (in.)	0.15 ± 0.02 (.006) 0.20 ± 0.02 (.008)
Air cleaner	type	Dry air filter
Engine lubrication	oil grade	SAE 10W30 Service Class SJ, SL
Engine oil capacity	L (gal US)	1.1 (0.3)
Fuel	type	Regular unleaded gasoline
Fuel tank capacity	L (gal US)	5.3 (1.4)

<sup>1</sup>Net engine power rating per SAE J1349 and ISO 3046. Actual power output may vary due to conditions of specific use.

## 9.3 Pump—PT2A / PT3A

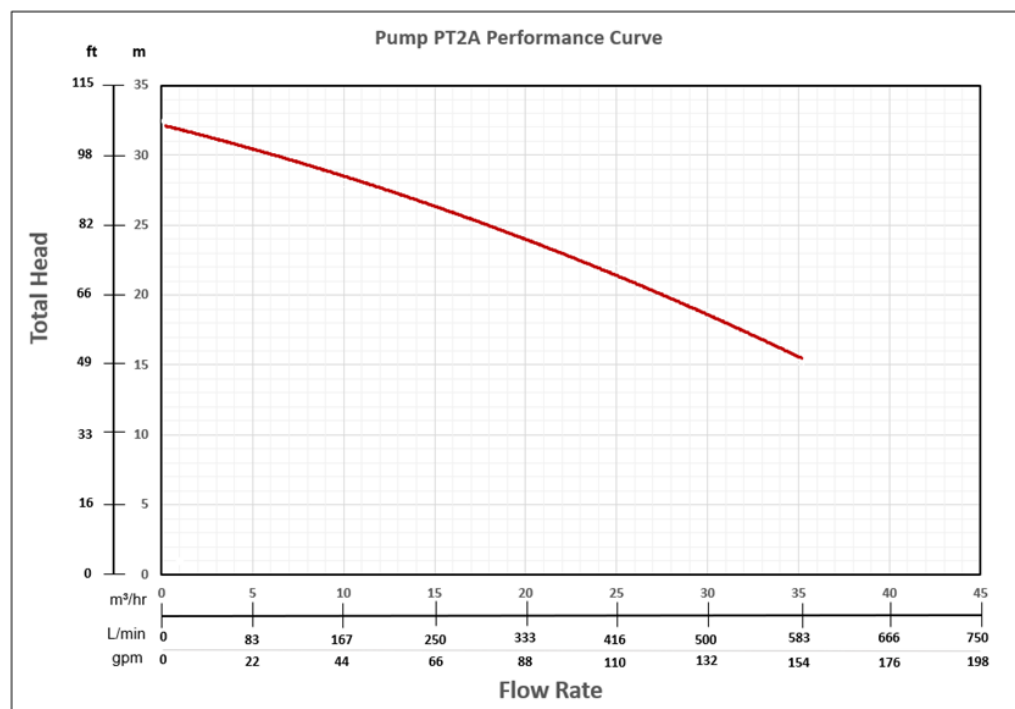
Machine		PT2A	PT3A
Dimensions	mm (in.)	550 x 466 x 501 (21.7 x 18.3 x 19.7)	673 x 508 x 571 (26.5 x 20.0 x 22.5)
Operating weight	kg (lb)	43.0 (94.8)	67.0 (147.7)
Maximum suction lift <sup>1</sup>	m (ft)	7.5(24.6)	7.5 (24.6)
Maximum total head	m (ft)	32 (105)	29.5 (96.8)
Maximum pressure	bar (psi)	3.2 (46.4)	2.9 (42.1)
Maximum flow rate <sup>2</sup>	L/min (gpm)	625 (165.1)	1315 (347.4)
Suction / discharge diameter	mm (in.)	50 (2)	75 (3)
Maximum solid size	mm (in.)	25 (1)	38 (1.5)

<sup>1</sup>Based on pump operating at sea level. Maximum suction lift will be less at higher altitudes.

<sup>2</sup>Zero net head

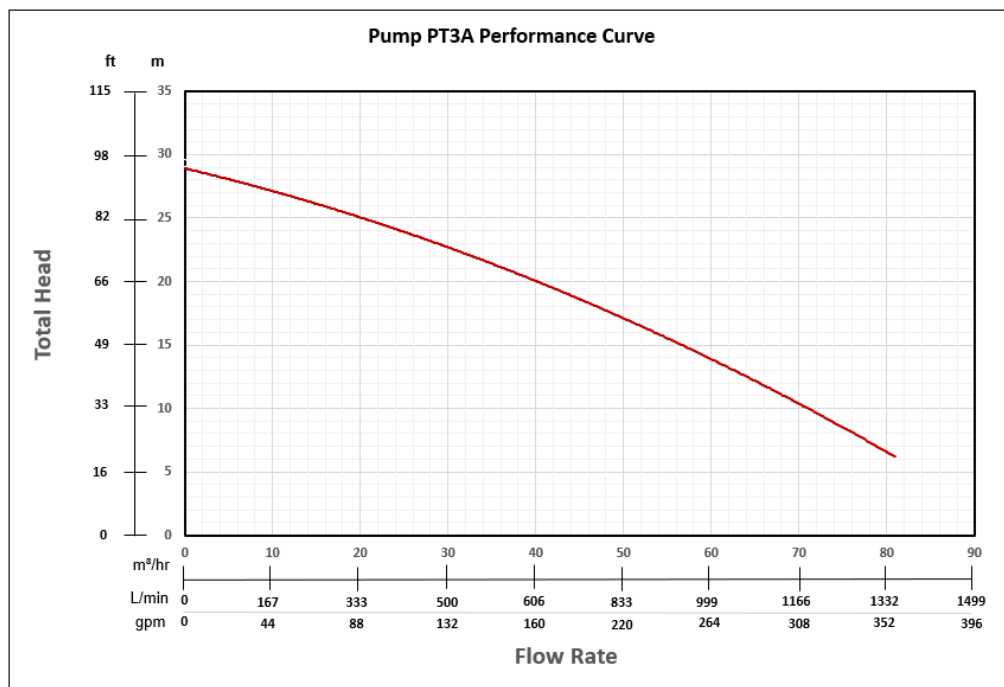
## 9.4 Performance Curve

## PT2A



Test Standard: ISO 9906: 2012: Table 8-Pump Acceptance Grade 2B

PT3A



Test Standard: ISO 9906: 2012: Table 8-Pump Acceptance Grade 2B

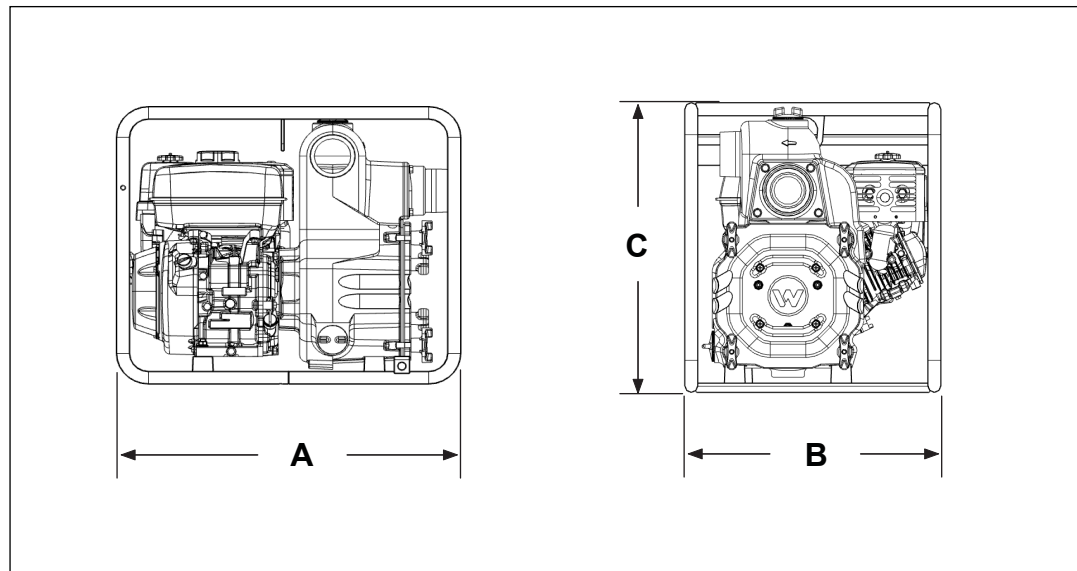
## 9.5 Sound Measurements

Products are tested for sound pressure level in accordance with EN ISO 11201:2010.

Sound power level is tested in accordance with European Directive 2000/14/EC - Noise Emission in the Environment by Equipment for use outdoors.

Machine	Guaranteed Sound Power dB(A)
PT2A	105
PT3A	103

## 9.6 Dimensions



Machine		A	B	C
PT2A	mm (in.)	550 (21.7)	466 (18.3)	501 (19.7)
PT3A		673 (26.5)	508 (20.0)	571 (22.5)