WATER PUMP
SPECIFICATIONS

LIGHTWEIGHT AND HIGH PRESSURE PUMPS

Model	WX 10	WX 15	WH 15†	WH 20†*
Maximum output capacity (L/min)	140	240	400	500
Inlet/outlet diameter mm/inches - thread type	25/1-PF	40/1.5-PF	40/1.5-PF	50/2-PF
Total head (m)	36	40	50	50
Suction head (m)	8	8	8	8
Pressure (bars)	3.6	4.0	5.0	5.0
Debris size capacity (mm)***	6	6	3	3
Engine model	GX25	GXH50	GX120	GX160
Engine type	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder
Displacement (cm^3)	25	49	118	163
Bore × stroke (mm)	35.0 × 26.0	41.8 × 36.0	60.0 × 42.0	68.0 × 45.0
Engine speed (rpm)	7000 max	7000 max	3600 max	3600 max
Engine net power (kW) (SAE J1349)	0.72	1.6	2.6	3.6
Cooling system	Forced air	Forced air	Forced air	Forced air
Ignition system	Transistor	Transistor	Transistor	Transistor
Oil capacity (L)	0.1	0.25	0.6	0.6
Fuel tank capacity (L)	0.55	0.77	2.0	3.1
Operating time	1h20 approx.	1h30 approx.	2h approx.	2h30 approx.
Starter system	Recoil	Recoil	Recoil	Recoil
Length (mm)	325	325	415	520
Width (mm)	220	275	360	400
Height (mm)	300	375	405	450
Dry weight (kg)	6.1	9	22	27
Sound pressure level at workstation (1m) – dB(A) (98/37/EC, 2006/42/EC)	86	88	87	91
Guaranteed sound power level (1m) – dB(A) (2000/14/EC, 2005/88/EC)	102	103	104	106

HIGH FLOW RATE, TRASH AND CHEMICAL PUMPS

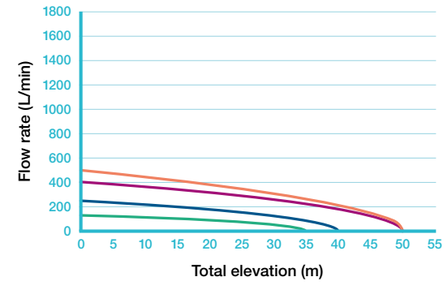
WB 20†	WB 30†	WT 20†	WT 30†	WT 40†	WMP 20
620	1100	710	1210	1640	833
50/2-PF	80/3-PF	50/2-PF	80/3-PF	100/4-PF	50/2-NPT
32	23	30	27	26	32
7.5	7.5	8	8	8	8
3.2	2.8	3.0	2.7	2.6	3.2
6	6	24	28	31	5
GX120	GX160	GX160	GX240	GX340	GX160
4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder
118	163	163	242	337	163
60.0 × 42.0	68.0 × 45.0	68.0 × 45.0	74.0 × 58.0	82.0 × 64.0	68.0 × 45.0
3600 max	3600 max	3600 max	3600 max	3600 max	3600 max
2.6	3.6	3.6	5.3	7.1	3.6
Forced air	Forced air	Forced air	Forced air	Forced air	Forced air
Transistor	Transistor	Transistor	Transistor	Transistor	Transistor
0.6	0.6	0.6	1.1	1.1	0.6
2.0	3.1	3.1	5.3	6.1	3.1
1h42 approx.	1h54 approx.	2h50 approx.	2h10 approx.	2h approx.	2h15 approx.
Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
455	510	620	660	735	520
365	385	460	495	535	400
425	455	465	515	565	450
21	27	47	60	78	26
88	89	92	93	96	92
102	103	106	110	110	106

Note: All Honda water pumps run on Unleaded Petrol.
†PF threads are functionally interchangeable with BSPP. *Frameless option available. **OHV – Overhead Valve.
***Debris size shown is guide only. Pumps are not designed to pump debris continuously, take caution when pumping water that may include solids.

WATER PUMP
PERFORMANCE

The colour-coded performance curves below show a direct comparison between the different water pumps. Each individual curve represents the flow rate vs. total elevation performance for each water pump.

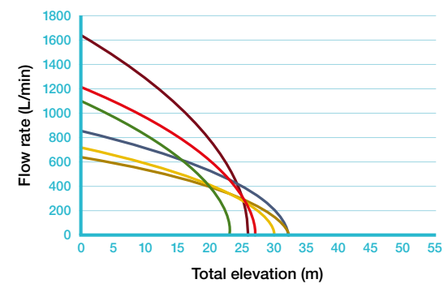
LIGHTWEIGHT AND HIGH PRESSURE PUMP PERFORMANCE CURVES



Product key:

WX 10 WX 15 WH 15 WH 20

HIGH FLOW RATE, TRASH AND CHEMICAL PUMP PERFORMANCE CURVES



Product key:

WB 20 WB 30 WMP 20
WT 20 WT 30 WT 40