

BLAZEMASTER 2

HONDA PETROL ENGINE-DRIVEN PUMP

Single-stage and twin-stage petrol engine driven pumps with all new hydraulic design. Delivering greater performance, increased fuel efficiency and improved self-priming capabilities, ensuring water can be moved economically where power is unavailable, or portability is a requirement. The closed impeller design means high head pressures can be achieved. The pumps are driven by Honda GX160, GX200 or GX270 4-stroke engines.



KEY FEATURES

- Marine-grade aluminium construction - 30% stronger
- Outstanding hydraulic performance
- Advanced self-priming capabilities
- Increased fuel efficiency
- Maximum liquid temperature 55°C
- Maximum ambient temperature 40°C
- Maximum operating pressure 13 bar
- Max. suction lift - 8 m
- Max. head - 101 m
- Max. flow - 750 lpm

APPLICATIONS

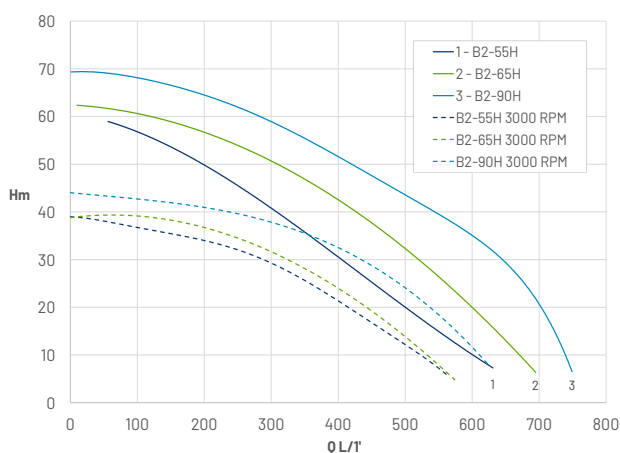
Fire fighting, tank filling, water transfer, irrigation and spraying.

Single impeller models (B2-) enable high flow rates with strong pressure.

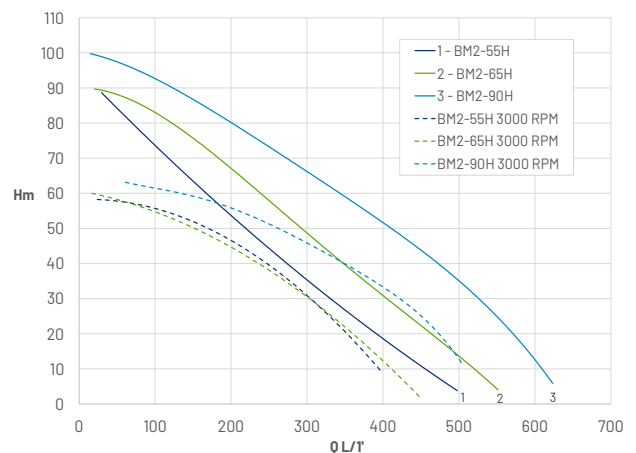
Twin impeller models (BM2-) provide stronger pressure for pumping higher and longer distances.

PERFORMANCE CURVES

SINGLE IMPELLER



TWIN IMPELLER



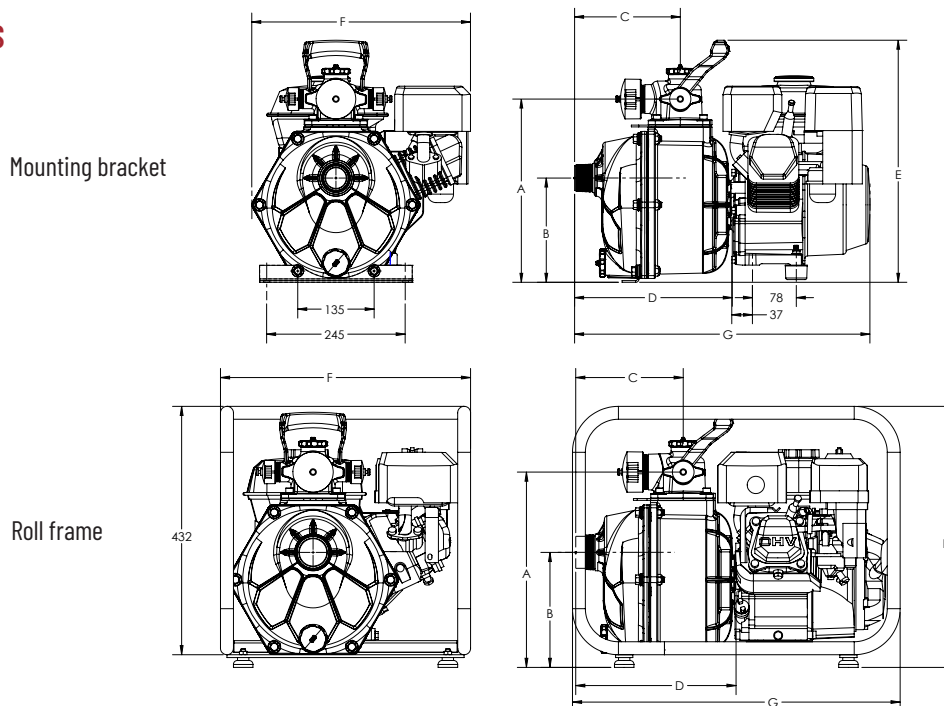
MODEL SPECIFICATIONS

Model	No. of impellers	Engine	Engine model	Nominal HP	Displacement CC RPM	Continuous duty	Fuel tank capacity	Fuel	Recommended oil type	Oil capacity
B2-55H	Single	Honda	GX160	5.5	163	3000 RPM	3.1 litres	Unleaded	10W/30 API SG	0.6 litres
B2-65H			GX200	6.5	196		3.1 litres			0.6 litres
B2-90H			GX270	9	270		5.3 litres			1.1 litres
BM2-55H	Twin		GX160	5.5	163		3.1 litres			0.6 litres
BM2-65H			GX200	6.5	196		3.1 litres			0.6 litres
BM2-90H			GX270	9	270		5.3 litres			1.1 litres

CONSTRUCTION MATERIALS

Component	Material	Component	Material
Pump casing	Marine grade aluminium (CA605)	O-rings	NBR
Pump cover	Marine grade aluminium (CA605)	Non-return valve	EPDM
Impeller	Marine grade aluminium (CA605)	Caps & plugs	Marine grade aluminium (CA605)
Diffuser	Marine grade aluminium (CA605)	Motor shaft	Mild steel
Discharge	Marine grade aluminium (CA605)	Exterior finish	Powder coating
Mechanical seal	Carbon / Ceramic		

DIMENSIONS



Model	Dimensions (mm)								Weight (kg)	Pump inlet	Pump outlets
	A	B	C	D	E	F	G				
SINGLE	B2-55H	324	184	187	279	428	387	522	22	1½" MI	1½" x 1" x 1" MI
	B2-55HR	340	200	187	279	454	435	570	27	1½" MI	1½" x 1" x 1" MI
	B2-65H	324	184	187	279	428	402	538	23	2" MI	2" x 1" x 1" MI
	B2-65HR	340	200	187	279	454	435	570	28	2" MI	2" x 1" x 1" MI
	B2-65HE	324	184	187	279	428	402	538	24.5	2" MI	2" x 1" x 1" MI
	B2-90HR	340	200	187	295	585	690	650	42	2" MI	2" x 1" x 1" MI
TWIN	B2-90HER	340	200	187	295	585	690	650	47	2" MI	2" x 1" x 1" MI
	BM2-55H	324	184	187	279	428	387	522	23	1½" MI	1½" x 1" x 1" MI
	BM2-55HR	340	200	187	279	454	435	570	29	1½" MI	1½" x 1" x 1" MI
	BM2-65H	324	184	187	279	428	402	538	25	2" MI	2" x 1" x 1" MI
	BM2-65HR	340	200	187	279	454	435	570	30	2" MI	2" x 1" x 1" MI
	BM2-65HE	324	184	187	279	428	402	538	26.5	2" MI	2" x 1" x 1" MI
BM2-90HR	340	200	187	295	585	690	650	43	2" MI	2" x 1" x 1" MI	
BM2-90HER	340	200	187	295	585	690	650	48	2" MI	2" x 1" x 1" MI	

H = Honda R = Roll frame E = Electric start



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