

PUMPS

HIGH PRESSURE AND TRASH

Product category			Water pump			
Product name			Engine driven pump			
Model name			MPA 50 K	MPA 50 H	MPS 80 H	MPS 100 H
Pump	Connection dia	Suction	50 mm (2 in)		80 mm (3 in)	100 mm (4 in)
		Discharge	50 mm (2 in) / 25 mm (1 in)×2		80 mm (3 in)	100 mm (4 in)
	Connection thread		Outer pipe thread BSP			
	Total head		90 m (295 ft)		27 m (88 ft)	26 m (85 ft)
	Discharge volume		480 L/min (126 USG/min)	500 L/min (132 USG/min)	1340 L/min (354 USG/min)	1650 L/min (435 USG/min)
	Max. suction head		8 m (26 ft)			
Engine	Type		Forced air-cooled 4-stroke gasoline engine			
	Model		KOSHIN K210 High rpm	HONDA GX200 High rpm	HONDA GX240	HONDA GX340
	Displacement		212 cm3	196 cm3	270 cm3	389 cm3
	Rated output		4.4 kW (6.0 PS) / 4400 rpm	3.7 kW (5.0 PS) / 3600 rpm	4.6 kW (6.3 PS) / 3600 rpm	6.3 kW (8.6 PS) / 3600 rpm
	Max. output		4.9 kW (6.7 PS) / 4000 rpm	4.5 kW (6.1 PS) / 4000 rpm	5.9 kW (8.0 PS) / 3600 rpm	8.0 kW (10.9 PS) / 3600 rpm
	Fuel		Automotive unleaded gasoline			
	Fuel tank capacity		Tank size: 3.3 L (0.87 USG), Usage level: 3.0 L (0.79 USG)	Usage level: 3.1 L (0.81 USG)	Usage level: 5.3 L (1.4 USG)	Usage level: 6.1 L (1.61 USG)
	Engine oil		4-stroke engine oil: SAE 15W-40	4-stroke engine oil: API grade SE or above, SAE 10W-30		
	Engine oil capacity		0.6 L (0.15 USG)		1.1 L (0.29 USG)	
	Continuous operating time		Approx. 1.2 hrs *1	Approx. 1.5 hrs *1	Approx. 2.5 hrs *1	Approx. 2.0 hrs *1
Starting method		Recoil starter				
Applicable Liquids	Consistency		Clear Water		Trash pump:sandy and muddy water (suspended solids) *2	
	Suspended solid percentage		-		25 % *3	
	Max. solids size		3 mm		27 mm (1,06 in)	
	Temperature		5-45 °C (41-113 °F)			
Standard accessories			1 Strainer, 3 Hose Bands(Φ60), 2 Hose Bands(Φ32), 1 Coupling Set(50 mm), 1 Closing plate(50 mm), 2 Nipples(25 mm), 1 Quick Coupling, 1 Engine Tool		1 Stainer, 2 Coupling Sets, 3 Hose Bands, 1 Engine Tool	
Net weight			33.9 kg (74.7 lbs)	34.6 kg (76.3 lbs)	59.0 kg (130.1 lbs)	78.0 kg (172.0 lbs)
Gross weight			37.5 kg (82.7 lbs)	37.6 kg (82.9 lbs)	62.0 kg (136.7 lbs)	84.5 kg (186.3 lbs)
Product dimensions L x W x H			550 x 437 x 457 mm (21.7 x 17.3 x 18.0 in)	550 x 437 x 457 mm (21.7 x 17.3 x 18.0 in)	690 x 487 x 537 mm (27.2 x 19.2 x 21.2 in)	745 x 537 x 625 mm (29.4 x 21.2 x 24.7 in)
Packing dimensions L x W x H			570 x 450 x 468 mm (22.5 x 17.8 x 18.5 in)	570 x 450 x 468 mm (22.5 x 17.8 x 18.5 in)	711 x 506 x 570 mm (28.0 x 20.0 x 22.5 in)	780 x 570 x 652 mm (30.8 x 22.5 x 25.7 in)

PUMPS

CLEAR WATER

Product category			Water pump		
Product name			Engine driven pump		
Model name			MPC 50 K	MPC 80 K	MPC 80 H
Pump	Connection dia	Suction	50 mm (2 in)	80 mm (3 in)	
		Discharge	50 mm (2 in)	80 mm (3 in)	
	Connection thread		BSP Pipe External Thread		
	Total head		27 m (88 ft)		
	Discharge volume		620 L/min (163 USG/min)	1.050 L/min (277 USG/min)	1.100 L/min (290 USG/min)
	Max. suction head		8 m (26 ft)		
Engine	Type		4-stroke forced air-cooled petrol engine		
	Model		KOSHIN K180		HONDA GX160
	Displacement		179 cm³		163 cm³
	Rated output		3,1 kW (4,2 PS) / 3.600 rpm		2,9 kW (3,9 PS) / 3.600 rpm
	Max. output		3,5 kW (4,8 PS) / 3.600 rpm		3,6 kW (4,9 PS) / 3.600 rpm
	Fuel		Unleaded petrol for cars		
	Fuel tank capacity		Tank capacity: 3.6L (0.95 USG), Usage level: 3.3L (0.87 USG)		Usage level: 3.1L (0.81 USG)
	Engine oil		4-Stroke Engine Oil: SAE 15W-40		4-Stroke Engine Oil: API SE or higher, SAE 10W-30
	Engine oil capacity		0,6 L (0,15 USG)		0,58 L (0,15 USG)
	Continuous operating time		2,1 hours approx. *1	1,9 hours approx. *1	2,0 hours approx. *1
	Starting method		Recoil Start		
Applicable Liquids	Consistency		clear water		
	Suspended solid percentage		-		
	Max. solids size		5 mm	7 mm	
	Temperature		5-45 °C (41-113 °F)		
Standard accessories			1 Filter, 2 Set of fittings, 3 Hose clamps, 1 Engine tool		
Net weight			25,2 kg (55,6 lbs)	28,7 kg (63,3 lbs)	28,0 kg (61,7 lbs)
Gross weight			27,2 kg (60,0 lbs)	30,7 kg (67,7 lbs)	30,0 kg (66,1 lbs)
Product dimensions L x W x H			489 x 392 x 391 mm (19,3 x 15,5 x 15,4 in)	528 x 412 x 448 mm (20,8 x 16,3 x 17,7 in)	510 x 376 x 453 mm (20,1 x 14,9 x 17,9 in)
Packing dimensions L x W x H			504 x 405 x 411 mm (19,9 x 16,0 x 16,2 in)	543 x 425 x 460 mm (21,4 x 16,8 x 18,2 in)	525 x 389 x 473 mm (20,7 x 15,4 x 18,7 in)