

CREW

Engine Driven Flexible Drive Submersible Pump

Mining, Construction, Plumbing,
Rural Water Supply, Fire Fighting
Model TJ



No Priming
Efficient Pumping
Robust - Tough SG Iron
Resettable Suction Cover
Stainless Steel Strainer

Types of Pumps

The TJF2 pump is built to pump bulk raw water at low heads while the TJS1 and BJS1 are specialised sewage pumps.

The TJD3H and M are robust high head mining/construction pumps incorporating a resettable suction cover to maintain high efficiency and pressure.

The TJSV and BJSV feature recessed Vortex impellers which are eminently suitable for pumping rags and trash - these pumps offer entwining clog free operation

Materials of Construction

Shaft

20mm diameter stainless steel rotor shaft.

Bearings

Pre lubricated bearings upper radial 6204.
Lower double row angular contact 3205.

Seals

Mechanical seal John Crane type 2100 silicone carbide/silicon carbide in oil and Forsheda expeller seal.

Max Flow L/m	Flow / Head	Max Press M
500	250/5	8
550	300/6	11,5
330	180/15	26
480	210/16	22,5
840	360/10	16
330	150/16	24
1300	500/1	2
1150	520/4	8

Curve No	Type TJ	Solids Capacity	Pump Weight	5m Cable Weight	Cable Coiled Size
1	SV H	Ø 50 mm	11 Kg	19 Kg	870 x 700 x 300
2	S1 H	Ø 50 mm	12 Kg	19 Kg	
3	D3 M	Ø 4 mm	11 Kg	19 Kg	
4	D3 H	Ø 8 mm	11 Kg	19 Kg	
5	F2 H	Ø 25 mm	12 Kg	19 Kg	
6	SG M	N/A	13 Kg	19 Kg	
Type BJ					
7	SV L	Ø 100 mm	48 Kg	19 Kg	900 x 700 x 370
8	S1 L	Ø 100 mm	49 Kg	19 Kg	

Power Drive Unit

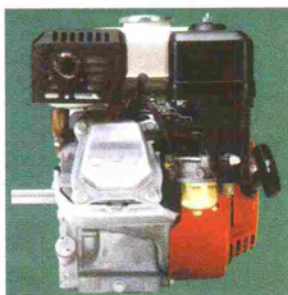
Powered by either 1.6Kw - 6Kw petrol, diesel or electric motors. Mounted on a lightweight framework made of high strength tubular steel

Engine

Honda Model GX160 5,5HP at 3600 RPM

Flex Drive:

Drive Length: 5,6m
Reach: 5,0m length
Drive Covering: Nitrile Rubbers
Drive Flex: 13mm Spiral



Specifications:

Engine Type	Air-cooled 4 stroke OHV 25° inclined cylinder; Horizontal shaft
Displacement	163cm ³
Bore x Stroke	68 x 45mm
Compression Ratio	8.5:1
Maximum Power output	5.5hp/3,600rpm
Maximum Torque	8.0lbs-ft/2,500rpm
Fuel Consumption	230g/hp.hr
Ignition System	Transistorised pointless
Fuel Tank Capacity	3.6ℓ
Oil Capacity	0.6ℓ
Dry Weight	15Kg
Dimensions (L x W x H)	312 x 362 x 335mm (Q type)

Specifications are subject to change without notice