

Applications

- Agriculture
- Water transportation
- Canal
- Irrigation

Features

- Single stage impeller end suction pump
- Back pull out design
- Graphite lubricated gland packing
- Hydraulic design with high efficiency
- Stable head - flow curves for parallel operation

Operating Limits

- Shaft PTO driven pump
- Discharge flange size 50 to 100mm
- Suction flange size 50 to 100mm
- Maximum flow rate 60 l/sec
- Maximum generated head 85 mtr
- Maximum power generated upto 50 hp
- Clean - cold water only
- Working pressure 8 bar (max.)

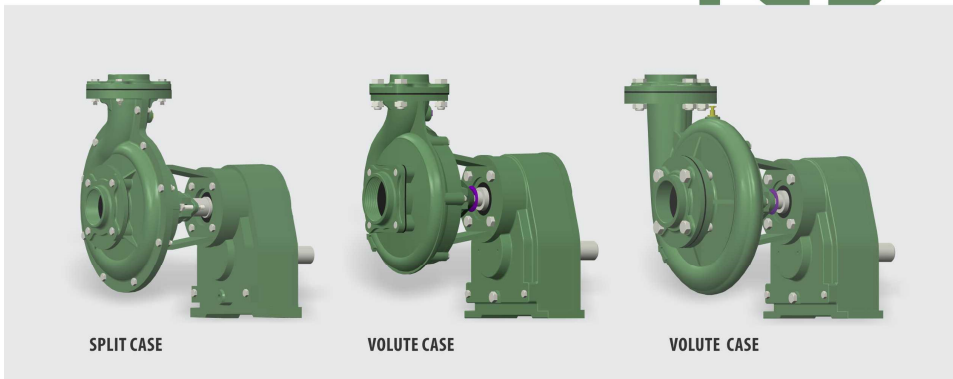
Benefits

- Most economical design
- Easy in maintenance
- Handy in transportation
- Easy availability of spares
- Non overloading power characteristics

Material Table

Casing	: Cast Iron	Gland Cover	: Cast Iron
Bracket	: Cast Iron	Lantern Ring	: Poly Propylene
Gland Packing	: Graphite Cotton	Fastners	: Mild Steel
Shaft	: Carbon Steel	Difflector	: LD
Suction Flange	: Cast Iron	Bearing	: Bearing Steel
Delivery Flange	: Cast Iron	Gear Box	: Cast Iron
Impeller	: Cast Iron	Oil Seal	: Rubber
Bush	: Bronze	Helical Gear	: Alloy Steel

TGB



TECHNICAL DATA

Max. Technical Data for Split Case

Speed (RPM)	Size (mm)	Head (m)	Flow (lps)
250	65 x 50	30	24
	65 x 65	25	23
	80 x 65	32	21
	80 x 80	30	21
	100 x 80	28	42
100 x 100	28	44	

Max. Technical Data for Volute Case

Speed (RPM)	Size (mm)	Head (m)	Flow (lps)
540	65 x 50	66	26
	65 x 65	64	28
	80 x 65	62	38
	80 x 80	60	40
	100 x 80	42	60
100 x 100	40	62	

As on continues Improvement and R&D, Performance data and any information furnished above are subject to change without notice.

