

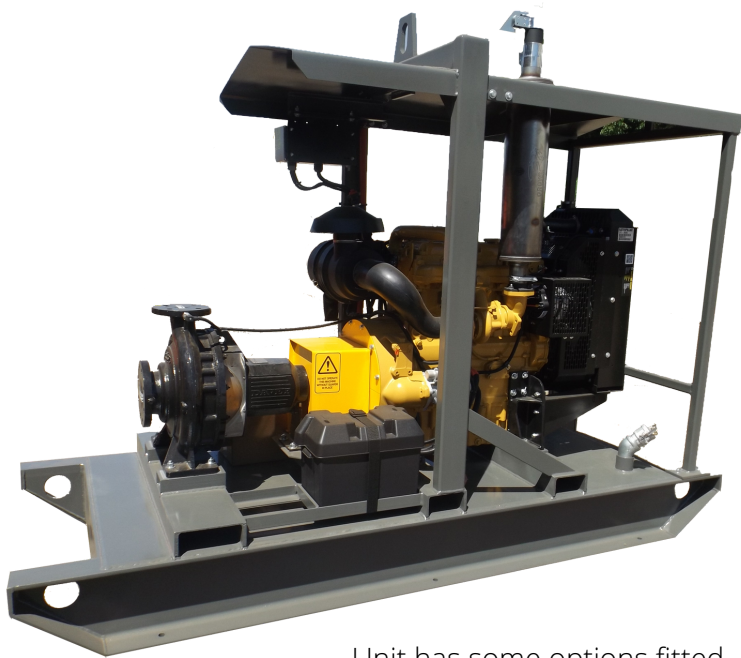
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WE BUILD PUMP SETS

ISO Series High Head

100X65-3 15/DC/3054CT



Unit has some options fitted

DPS PUMPS

All are pumps sets are made in house using quality components.

Other engine brands that suit this pump:

Kubota - Isuzu - Perkins - Hatz - Deutz - Cat - Yanmar



WHAT'S INCLUDED

- 100x65-315 ISO Pump
- Cat 3054CT engine
- Kensho K21 Shutdown Panel
- Battery and Leads
- Stub Shaft
- Tyre Coupling
- All mounted on heavy duty skid base with in-built 300lt fuel tank .

OPTIONAL EQUIPMENT

- Emergency Stop
- Battery isolation
- Fire Extinguisher
- Roof Cover
- Night Lights
- Battery Solar Charger
- Fuel tank base frame

DUTY

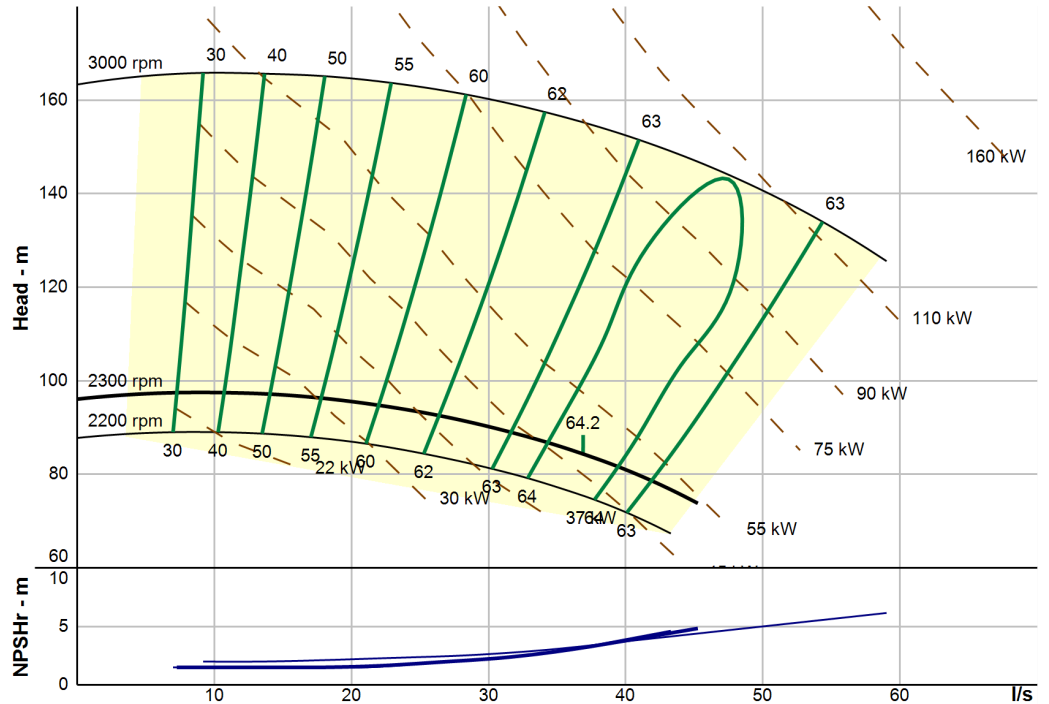
- Maximum Volume:
42 litres per second
- Maximum Head
95 meters

Phone: 07 3640 9400



100x65-315 Centrifugal Pump

--- Duty Point ---	
Flow:	36.9 l/s
Head:	84.4 m
Eff:	64.2%
Power:	47.5 kW
NPSHr:	3.18 m
Speed:	2300 rpm
--- Design Curve ---	
Shutoff Head:	96.1 m
Shutoff dP:	942 kPa
Min Flow:	--- l/s
BEP:	64.2% @ 36.9 l/s
NOL Power:	54 kW @ 45.3 l/s
--- Max Curve ---	
Max Power:	117 kW @ 59 l/s



Note: Curves were directly converted from standard data without testing, for reference only, not as the acceptance criterion.

Performance Evaluation:

Flow l/s	Speed rpm	Head m	Efficiency %	Power kW	NPSHr m
43.4	2300	76.5	61.9	52.5	4.46
36.2	2300	85	64.2	46.9	3.07
29	2300	90.8	62.5	41.2	2.17
21.7	2300	94.9	59.7	33.8	1.62
14.5	2300	97.1	50.6	27.2	1.5



- Irrigation
- High Head Dewatering



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