

ROTATING RIGHT

GOULDS IRRIGATION PUMPS



Goulds Pumps is a brand of ITT

Goulds Pumps - The legendary way to move a lot of water fast.

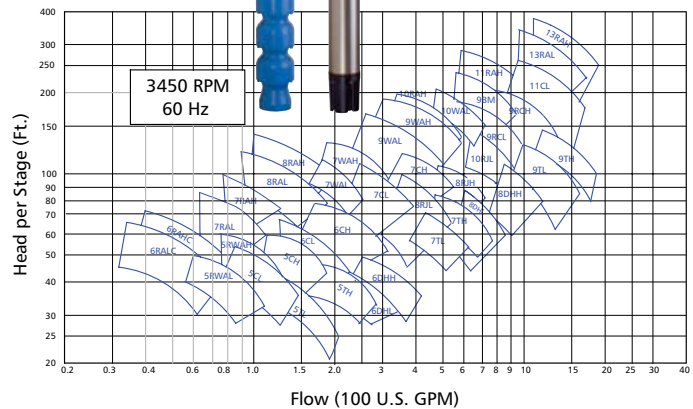
Whether your fields are filled with crops, trees or turf, Goulds Pumps is ready to help when Mother Nature naps.

Goulds Pumps submersible and line shaft turbines provide flows up to 80,000 gallons per minute (GPM) with the best pump efficiencies in the business to keep your operating costs low.

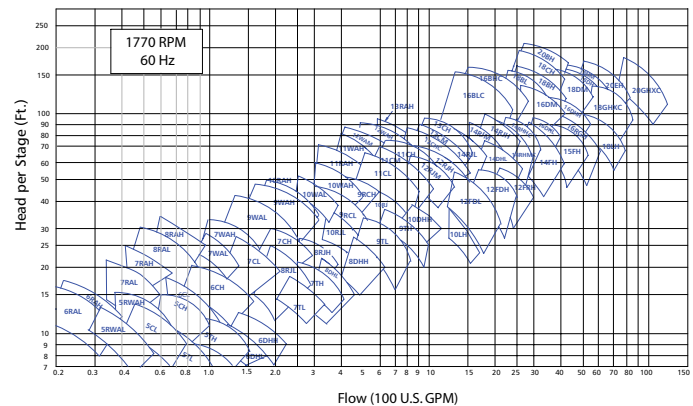
Goulds Pumps can do this because we control every step in the turbine manufacturing process from designs to patterns and from foundry to machine shop and assembly floor.



Goulds Pumps turbine pumps are one of the best known brands in the irrigation business with thousands installed all over the world, working to keep crops green and growing.



Submersible Pump Range Curve



Lineshaft Pump Range Curve

Put the Pressure On

For higher pressure water boosting, Goulds Pumps offers the most complete line of horizontal and vertical multistage centrifugals in the pump industry. We offer you both cast iron and stainless steel versions of our popular SSV, SMVT and GB pump lines, and their compact design makes it easy to put the pump where you need it - at the irrigation site. The SSV offers you six sizes for single pump flows to 300 gpm and pressures to 350 psi. The GB horizontal offers lower flows for pressure washing, poultry cooling systems and general purpose water boosting around your operation.



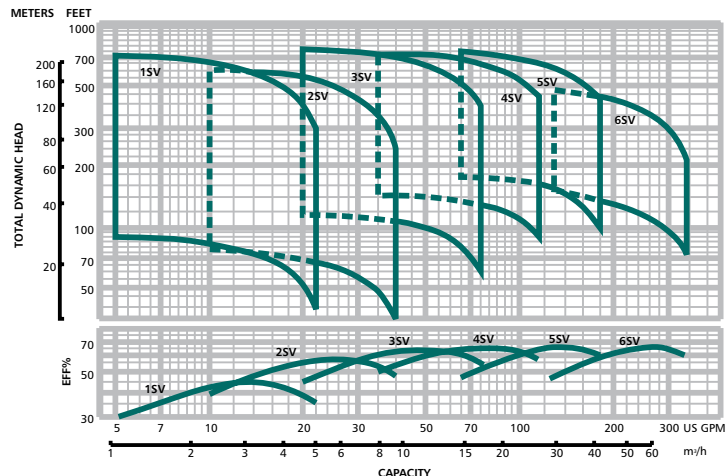
Multi-Pump SSV Aquavar



And you can really save on electricity by controlling pump speed with our Aquavar variable speed pump control systems. Each one allows you to match pump performance to the actual needs of your irrigation system. No more wasted power when only half the system is working and your pump is still running at full speed. No more pump failures from running at shutoff or run out. Our control systems protect you and your investment. When demand drops, pump speed drops and so do your electric bills.



SSV Pumps and Range Curve



Put the Pressure On (continued)



SMVT Applications:

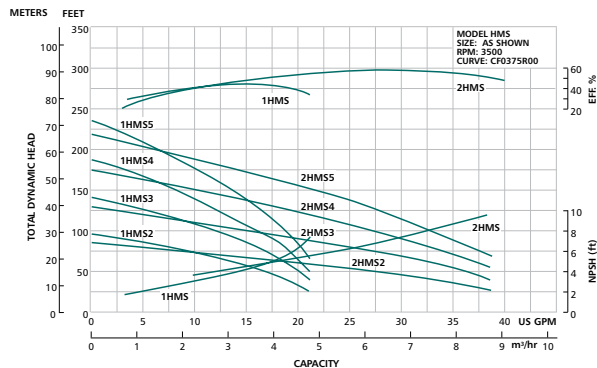
- General service water circulation and transfer
- Pressure boosting and water supply systems
- Irrigation systems for agricultural and sporting facilities
- Cleaning systems
- Water treatment plants – especially applications involving reverse osmosis
- Circulation of hot and cold water for heating, cooling and air conditioning systems
- Boiler feed



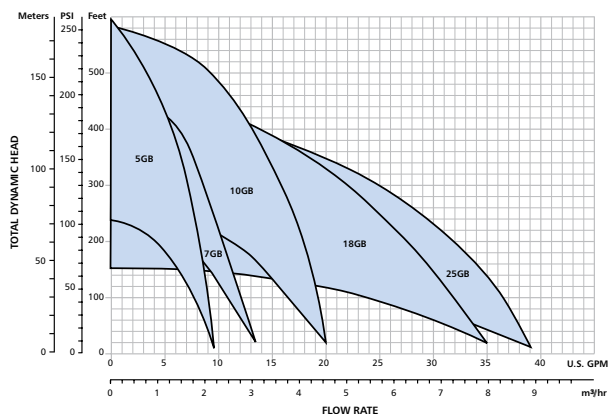
SMVT Specifications: 3450 RPM

| Model | GPM Range | BEP | Head Range | HP Range | Suction/Discharge Size |
|-------|-----------|-----|------------|----------|------------------------|
| 1SM | 50 – 250 | 135 | 60 – 860 | 5 – 40 | 3" |
| 2SM | 50 – 280 | 240 | 70 – 900 | 7.5 – 60 | 3" |
| 3SM | 100 – 480 | 400 | 60 – 740 | 10 – 75 | 4" |
| 4SM | 200 – 600 | 490 | 70 – 530 | 15 – 75 | 4" |
| 5SM | 220 – 700 | 620 | 40 – 600 | 10 – 75 | 4" |
| 6SM | 250 – 800 | 700 | 50 – 420 | 15 – 75 | 4" |

HMS Pump and Range Curve

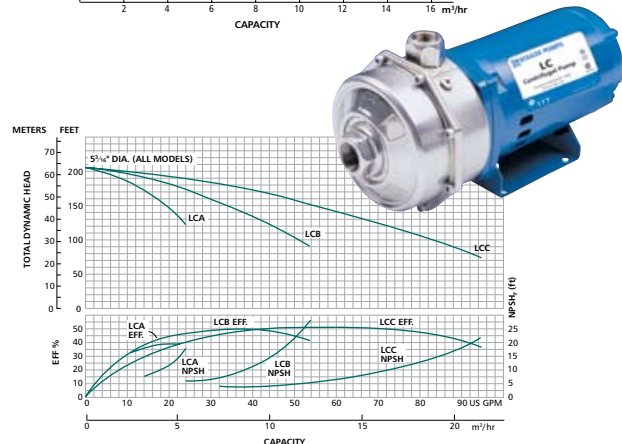
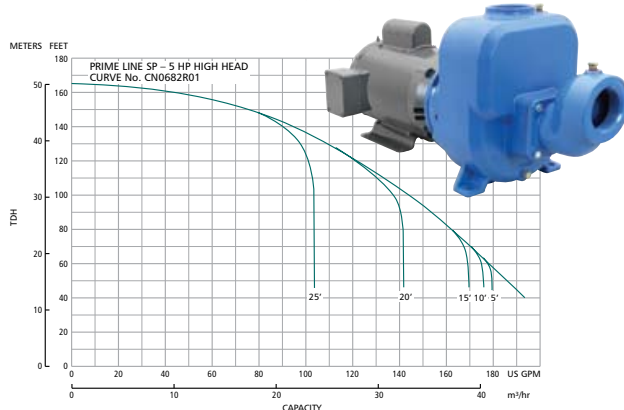
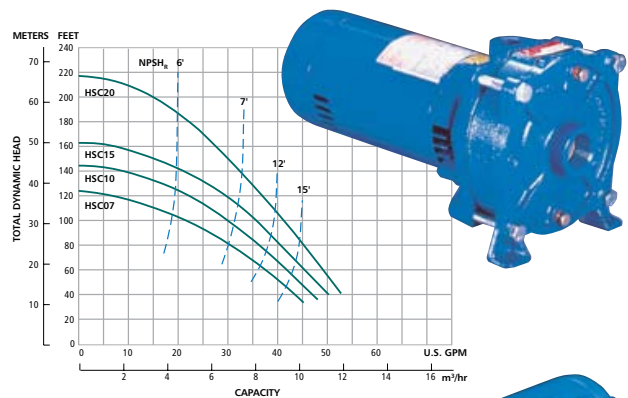
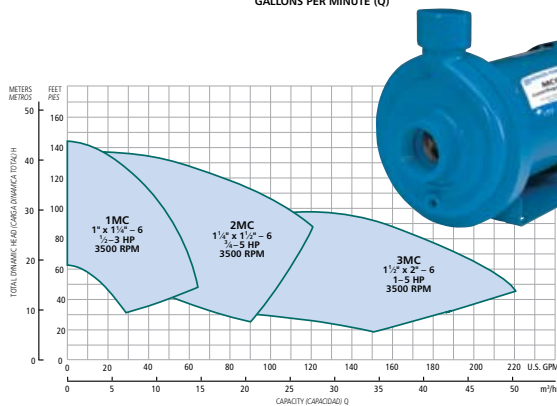
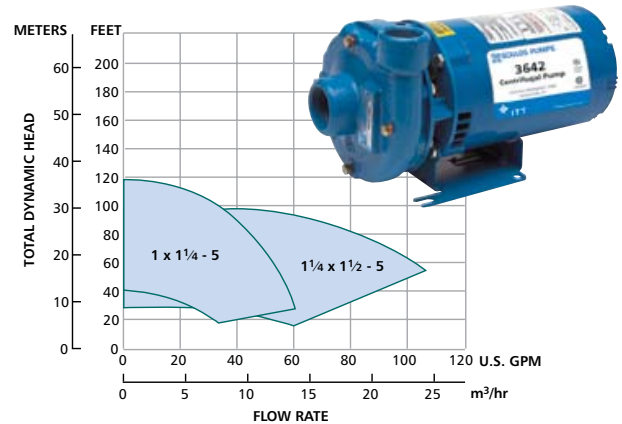
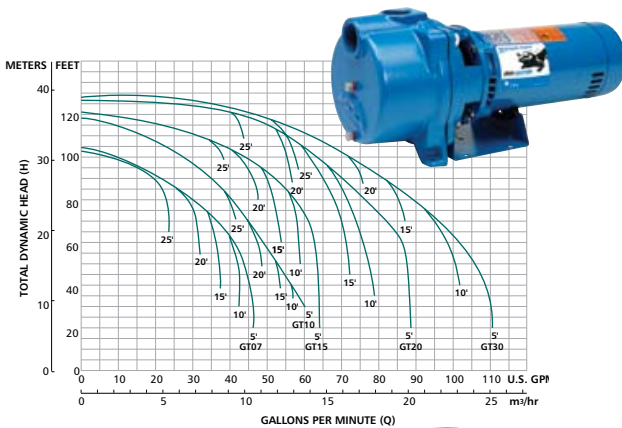


GB Pump and Range Curve



Put Us On The Spot

Got a spot irrigation job? We've got the pump! Whether in cast iron or stainless steel, our small end suction pumps in standard and self priming versions fit your need for a quick pressure boost to feed irrigation heads in a small area. Ideal for end guns, lawns, greens and tees, new plantings and a wide range of other services where your main system is too big for the job.



Irrigation Boosters from the Best in the Business



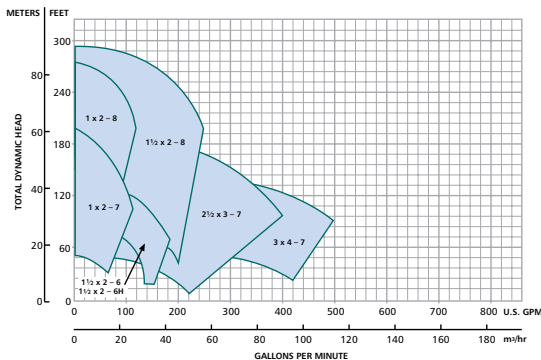
3656 Close-Coupled Pump

The Goulds Pumps line of end suction booster pumps now meets your booster pump needs even better than before. You want a pump with a rugged design and dependable service and we've delivered. The 3656/3756 series features heavy duty iron and bronze construction with features normally found only on more expensive pumps. Features like front and back replaceable wear rings, stainless steel shaft sleeves, o-ring casing sealing and ultra-high efficiency designs are all standard on these Goulds Pumps centrifugals. Each size is available in close-coupled, frame-mounted or SAE mounted for engine driven applications. Shaft sealing can be packing or a wide range of mechanical seal faces and elastomers to match your pumping conditions.

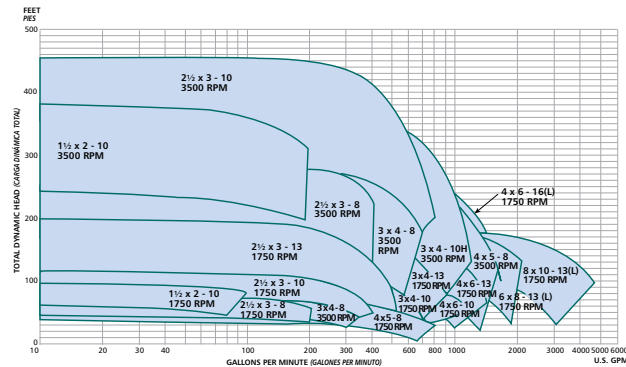
Impellers are factory balanced and bearing frames are heavy duty to reduce the chance of vibration and premature wear. Motors are single and three phase, ODP, TEFC or explosion proof in 50 and 60 hz and a variety of speeds.



3756 Frame-Mounted Pump



3656 S-Group Range Curves



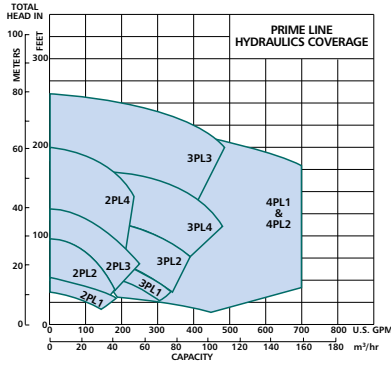
3656 M-Group Range Curves



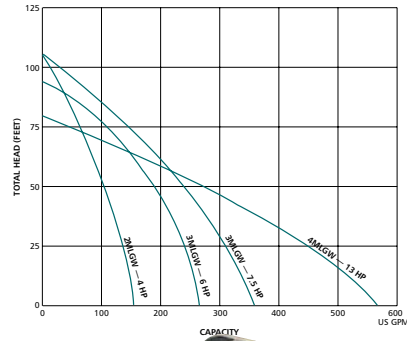
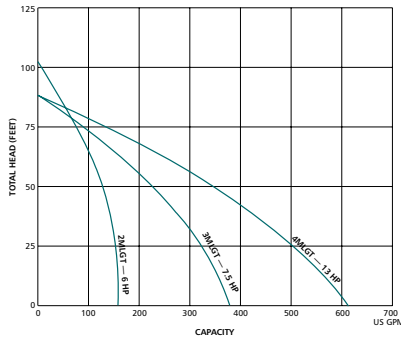
3756 SAE Drive Pump



Prime Line Pump and Range Curve



Mighty Lite Engine-Driven Pump and Range Curves



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