

Starpak Starbloc Multipump Booster Sets

The Starpak range of multi pump booster sets offer a compact reliable solution to your water supply problems requiring low/medium pressures. Starpak is the sensible answer for those seeking the quality option.

Specification

Fully packaged pumping set comprising: Fabricated heavy gauge steel baseplate.

High efficiency Starbloc gunmetal fitted pumps with stainless steel shafts. See Starbloc leaflet for details. Option: All gunmetal construction. WRC listed.

Pipework. Copper tube BS 2871 Table X.

Option: Galvanised mild steel.

Gunmetal (up to 50mm) or gunmetal fitted (larger) wedge type isolating valves.

Gunmetal (up to 50mm) or gunmetal fitted (larger) non slam check valves.

IP54 steel control panel with lockable door. Fitted with contactors, thermal overload relays, fuses and minimum run timers.

The panel door is fitted with test/off/auto switches, power on, break tank low level, pump running and tripped lights and duty pump select switch.

Option: Cycling of the lead pump.

A 60L hydraulic accumulator is fitted to the set. It has a replaceable membrane and is WRC listed.

BMS Compatibility

Volt free contacts for pump run and tripped and break tank low level are fitted as standard.

Option: Further status information.

Option: Microstar sets with a serial link. This enables the set to talk to a BMS up to 2 miles away.

WRC Listing

Starpak is available with all wetted components WRC listed.

Control Method Options

Pressure switch-Type HPB

Microstar-Type HPBM

Float switch-Type DT

Constant run-Type CR

Variable Speed-Type HI

See appropriate leaflet

Drawings

See Starpak drawings leaflet.

Selection Charts

See overleaf. 1450 rpm selections are available on application.

Jockey Pumps

A small jockey pump is recommended when long periods at low demand occur and the main pumps have 7.5kW motors or larger.

Variable Speed

Virtually constant pressure using a frequency inverter. See the type HI leaflet.

Pressure Regulating Valves

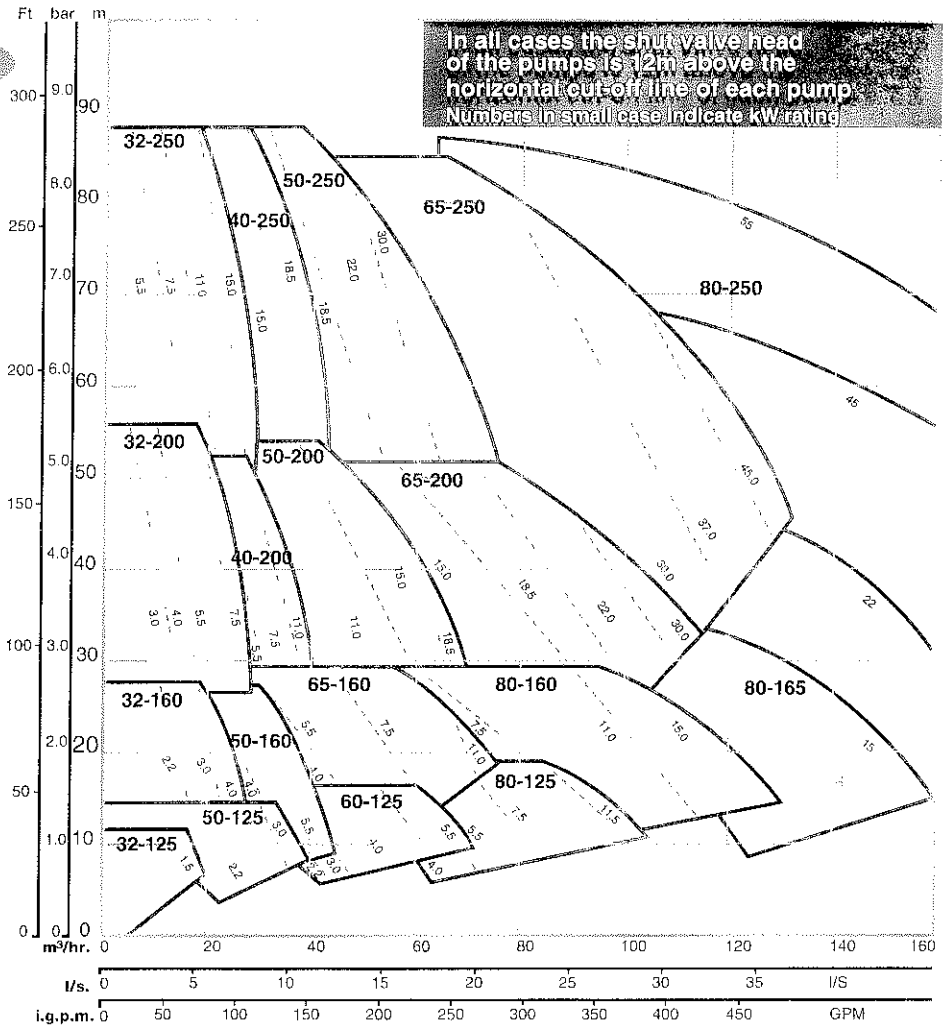
PRVs are used to produce a constant system pressure. Available as an option, we supply them loose or fitted, as requested.

See PRV leaflet.

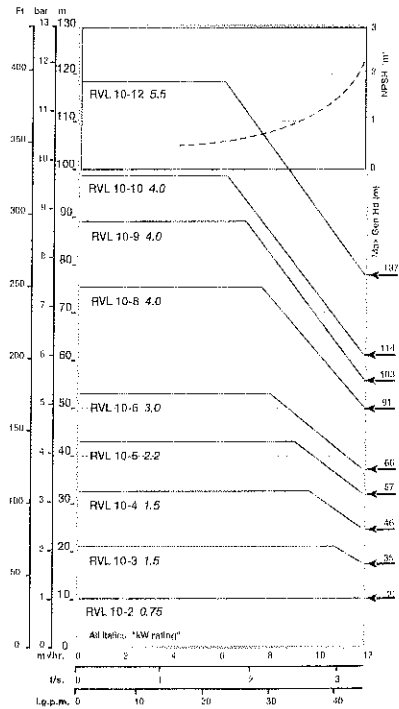
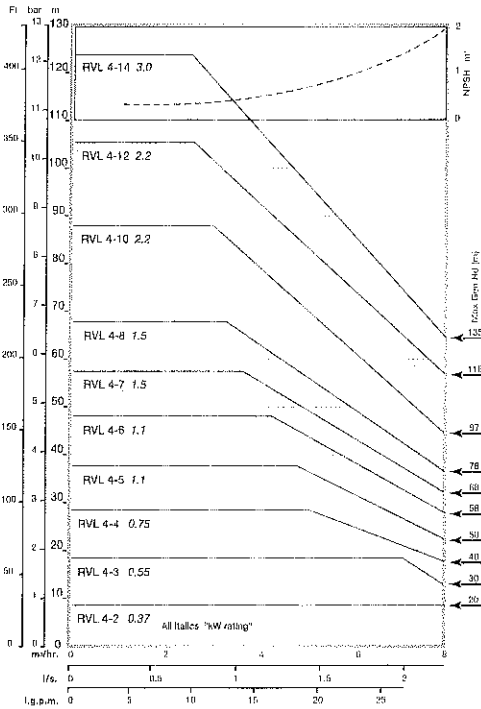
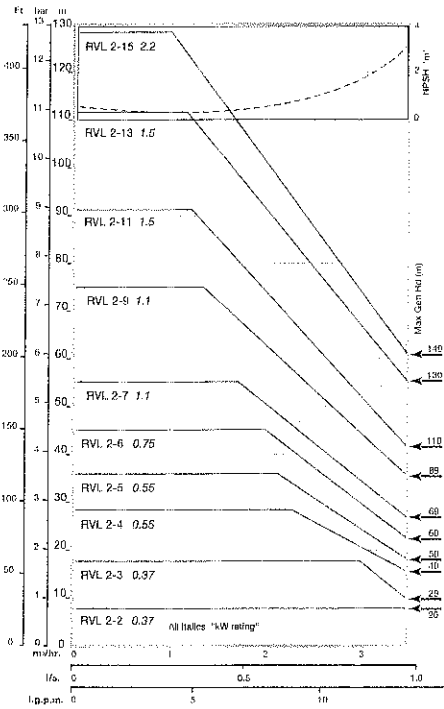
Accumulator

Larger accumulators can be supplied to increase the rest time between pumping cycles. We supply them loose or fitted as requested.

Selection Chart Main Pump



Selection Chart - Jockey Pumps



Note:- Improvements in general design and modifications will be embodied for the benefit of clients as and when introduced; consequently the specification is subject to alteration as may be necessary, without notification.

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