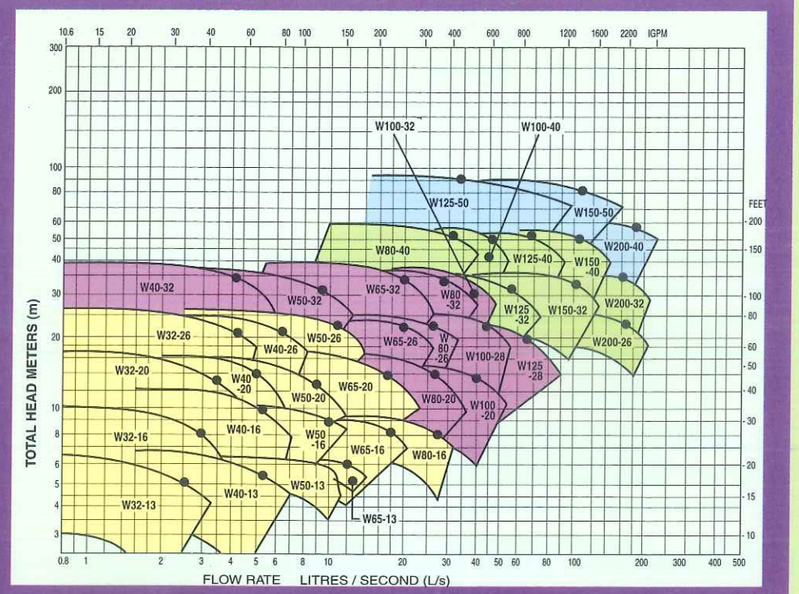
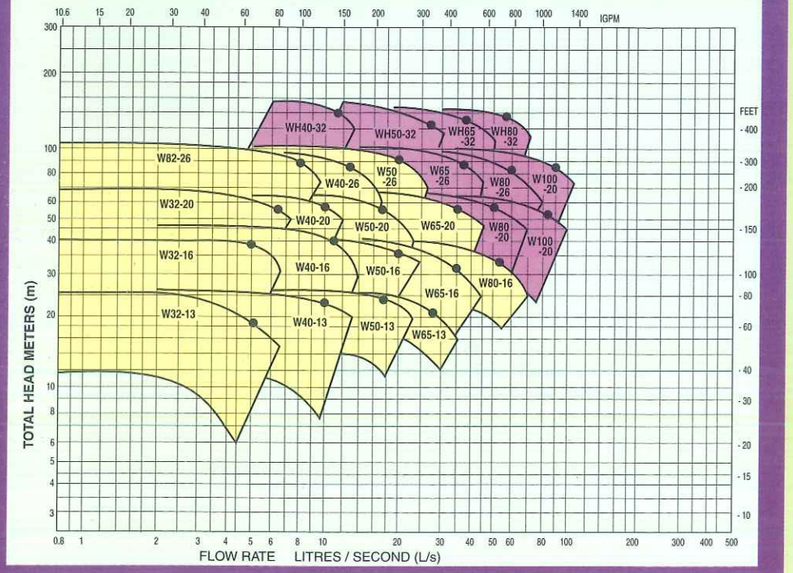
# QUICK SELECTION CHART

## SELECTION CHART - 1450RPM




## SELECTION CHART - 2900RPM




| MATERIALS OF CONSTRUCTION | |
|---|---|
| IMPELLER | BRONZE / CAST IRON |
| CASING | CAST IRON |
| SHAFT | STAINLESS STEEL |
| SHAFT SLEEVE | STAINLESS STEEL |
| SHAFT PACKING | PACKING / MECHANICAL SEAL |
| GLAND | CAST IRON |
| WEAR RING | CAST IRON |

**STANDARD SHAFT SIZE**

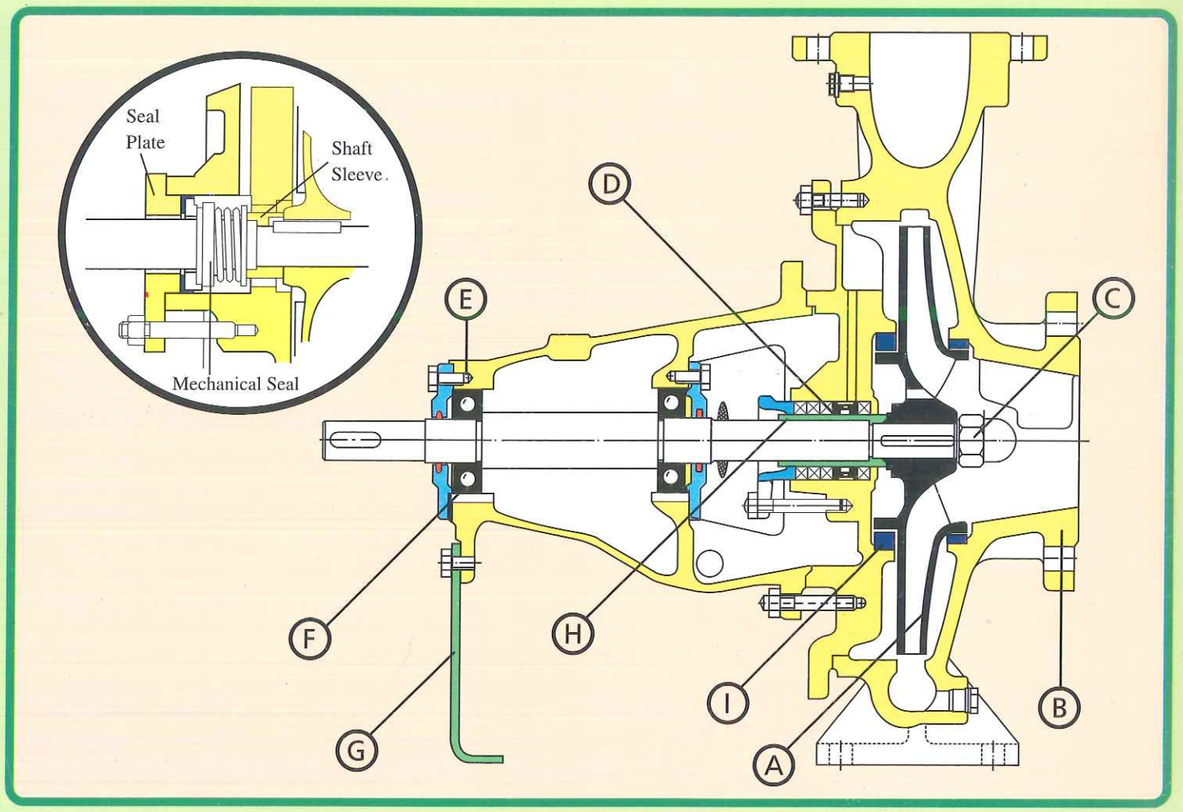
- 24 mm Shaft
- 32 mm Shaft
- 42 mm Shaft
- 55 mm Shaft

# WEBSTER END-SUCTION PUMP

This back pull-out feature allows the complete rotating element to be removed for servicing without disconnecting pipework. If a spacer coupling is fitted then motor does not have to be moved. On re-assembly of pump coupling realignment problems are completely eliminated.

# WEBSTER PUMP

Range fully complies to both performance and dimensional standards for the International Standard ISO 2858 And DIN 24255




### A. IMPELLERS

Impellers are of the double shrouded type, hydraulically balanced on smaller diameters by back vanes and on larger diameters by replaceable wear rings. Twisted vane design gives optimum fluid flow into the impeller eye, enhancing suction performance and efficiency.

### B. VOLUTE CASING

The volute casing has integrally casted feet, axial suction and robust vertical top centre-line discharge. Inlet has cast vane to improve flow into impeller eye.

### C. SHAFT

The stainless steel shaft is sealed at the impeller by means of dome type locking nut.

### D. STUFFING BOX

The standard stuffing box arrangement includes packing with lantern ring incorporating internal flushing. The stuffing box can be connected for external liquid flush or for fitting a cyclone separator. Pump can be supplied with a mechanical seal and if required field conversion from packed stuffing box to mechanical seal or from mechanical seal to packing is easy.

### E. BEARING HOUSINGS

Only four bearings housings are required for the total pump range which gives high interchangeability of parts across the complete range.

### F. BEARINGS

Bearings are grease lubricated and are fitted with grease nipples which will allow periodic regreasing of the bearings for improved life.

### G. SUPPORT FOOT

A removeable support foot is fitted at the drive end for greater rigidity and ease of maintenance.

### H. SHAFT SLEEVE

Hook type sleeve, which is machined all over, protects the shaft while allowing its own expansion along the shaft.

### I. WEAR RINGS

Replaceable wear rings are fitted to all casings and also to back covers on larger pumps which gives considerable maintenance cost and time saving.