

# 4SR

## 4" submersible pumps (sand resistant)

The exclusive patented design of the water end, thanks to the combination of the front housing with the axial movement of the impellers, guarantees the pump against any damage caused by sand, including blocking.

### PERFORMANCE RANGE

Flow rate up to 375 l/min (22.5 m<sup>3</sup>/h)  
Dynamic head up to 525 m

### OPERATING LIMITS

Maximum fluid temperature + 30°C  
Maximum sand content: 150 g/m<sup>3</sup>  
Starts: max. 20/h

### CONSTRUCTION AND SAFETY STANDARDS:

EN 60 335-1  
IEC 335-1  
CEI 61-150

EN 60034-1  
IEC 34-1  
CEI 2-3



### PUMP INSTALLATION AND APPLICATIONS

THESE PUMPS ARE SUITABLE FOR PUMPING CLEAN WATER OR FLUIDS WITH A SAND CONTENT OF NOT MORE THAN 150 g/m<sup>3</sup>. THEIR HIGH PERFORMANCE AND DEPENDABILITY MAKE THEM SUITABLE FOR USE IN DOMESTIC, CIVIL AND INDUSTRIAL FIELDS, FOR THE AUTOMATIC DISTRIBUTION OF WATER WORKING IN CONJUNCTION WITH SURGE TANKS, FOR GARDENING IN GENERAL, FOR WASHING AND PRESSURE-BOOSTING SYSTEMS, AND FOR FIRE-FIGHTING PURPOSES, ETC.

### WARRANTY: 1 YEAR

(according to our general sales conditions).



### STRUCTURAL CHARACTERISTICS

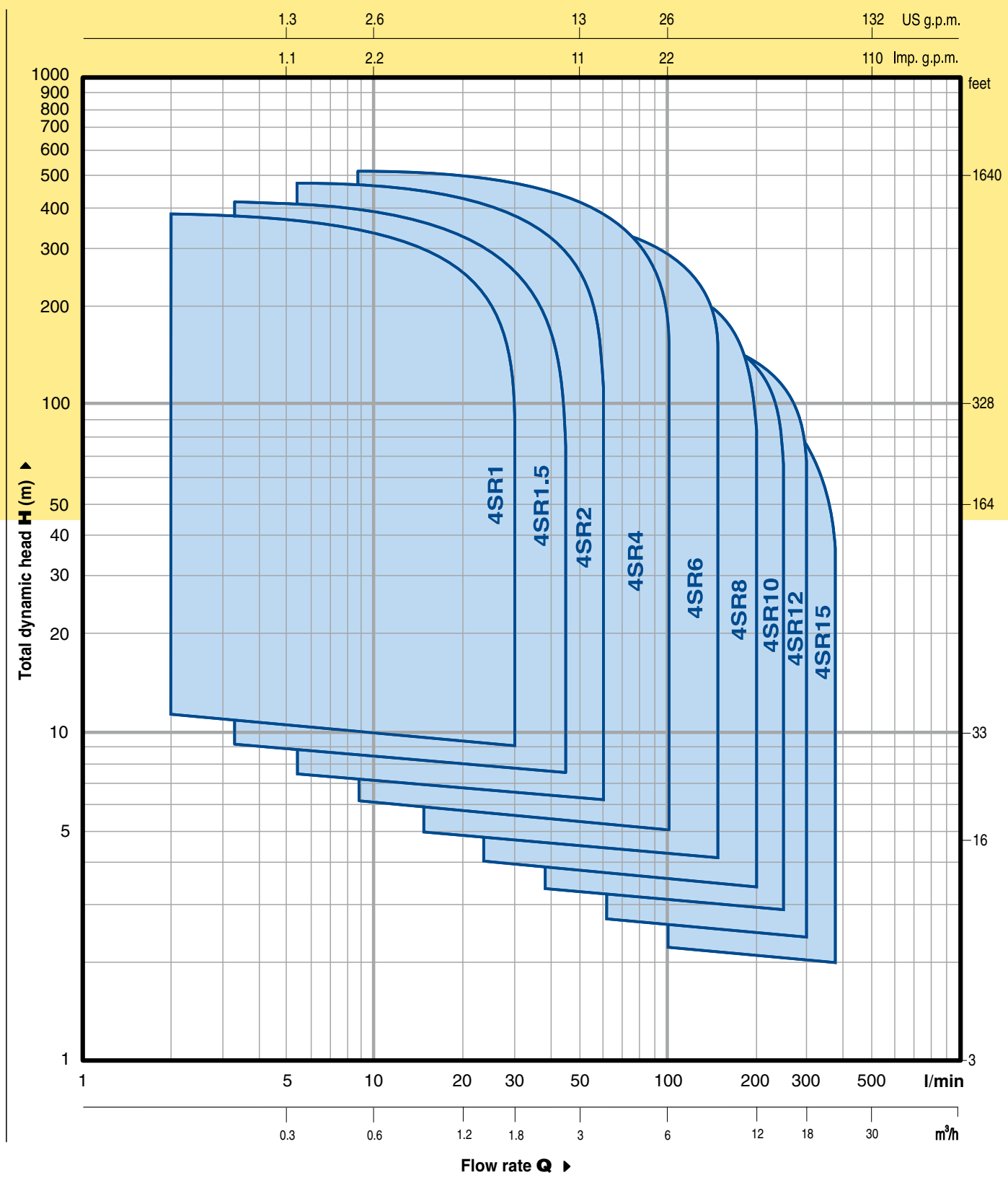
- **DISCHARGE HEAD AND MOTOR BRACKET:** brass  
AISI 304 stainless steel for models 4SR1/45-64, 4SR1.5/46-60, 4SR2/50-70, 4SR4/46-60-78, 4SR6/42-56, 4SR8/42, 4SR10/26-35, 4SR12/29, 4SR15/24.
- **CHECK VALVE:** AISI 304 stainless steel, high-resistance check valve, enables the weight of the column of water to be dispersed without stress to the impellers and diffusers, thus ensuring long pump life.
- **IMPELLERS:** Lexan® "General Electric" technopolymer.
- **DIFFUSERS:** Noryl® "General Electric" technopolymer.
- **BOWL:** AISI 304 stainless steel.
- **EXTERNAL SLEEVE:** AISI 304 stainless steel.
- **PUMP SHAFT:** AISI 304 stainless steel.
- **TRANSMISSION COUPLING:** AISI 316L stainless steel.
- **BOLTS, SCREWS, FILTER AND CABLE GUARD:** AISI 304 stainless steel.
- **MOTOR:** 4" submersible: water filled "Franklin Electric" motor or rewindable oil bath "Pedrollo" motor.
- **PROTECTION:** IP 68.
- **SUPPLY CABLE:** 1.5 meters "FE4DM/T" submersible supply cable.

### SPECIAL FEATURES ON REQUEST:

- ⇒ AISI 304 stainless steel discharged head and motor bracket for brass version
- ⇒ for water with sand content above 150 g/m<sup>3</sup>
- ⇒ other voltages
- ⇒ 60 Hz frequency



**PERFORMANCE CHART AT n= 2900 1/min**



**4 SR 1 m /13**

- impellers number
- single phase motor (max 2.2 kW)
- best efficiency point ( $m^3/h$ )
- pump name
- well  $\varnothing$  4"