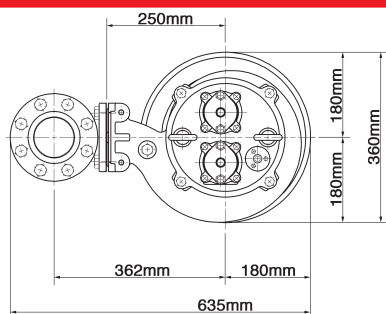
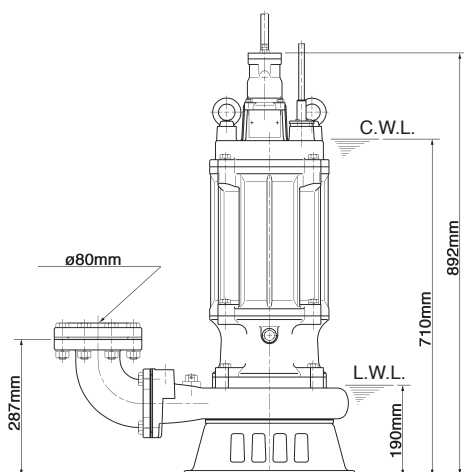
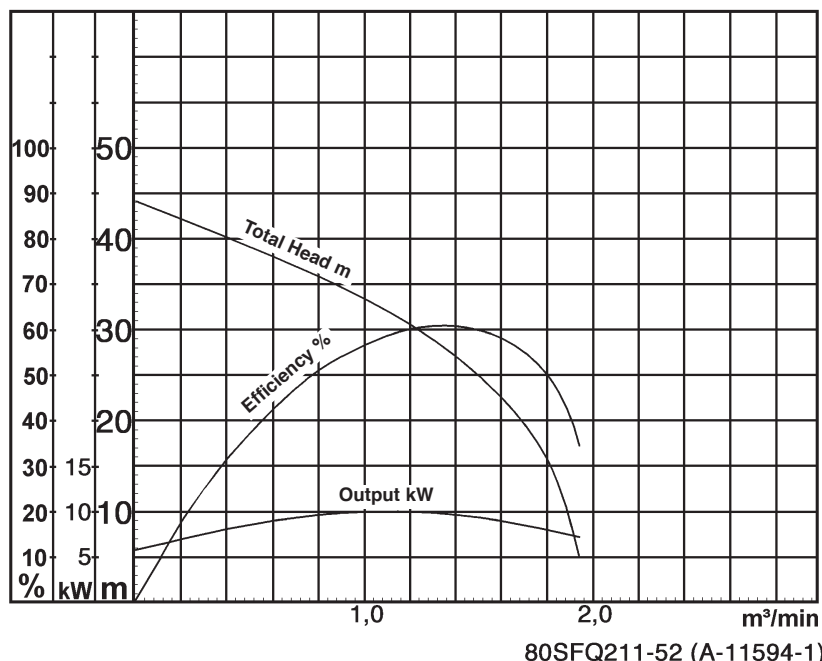


Data Sheet 80SFQ211-52



80SFQ211-52 (A-11598-1)

L.W.L. = Lowest running water level
C.W.L. = Continuous running water level



80SFQ211-52 (A-11594-1)

Classification

Electric submersible pump
Protection class IP68
Depth of submersion max. 30m
Semi-open impeller
Solid handling max. 30mm
Suitable for corrosive liquids

Electric Motor

Dry-type submersible induction motor,
Insulation class F, 2 poles, 2850 r.p.m.
Star / delta start
Voltage: 400V, 50Hz, 3-phase
Power input: 14,3kW
Power output: 11,0kW
Nominal current: 21,0A
Start current: 145,0A

Electric Cable

2x 10m H07RN-F4Cx2,5mm²
1x 10m 2PNCT2Cx2mm²

Motor Protection

Miniature protector in windings
(snap-action bi-metal device)

Shaft Seal

Double mechanical seal in oil bath
additional lubrication by oil lifting device
Primary Seal:
silicon carbide on silicon carbide
Secondary Seal:
silicon carbide on silicon carbide

Bearings

Shielded ball bearings, maintenance-free

Materials

Impeller:	SCS14 (DIN GX5CrNiMo19-11-2)
Casing:	SCS14 (DIN GX5CrNiMo19-11-2)
Suction Cover:	SCS14 (DIN GX5CrNiMo19-11-2)
Motor frame:	SCS14 (DIN GX5CrNiMo19-11-2)
Shaft:	SUS316 (EN-X5CrNiMo17-12-2)

Discharge Connection

3" (100mm) JIS10 screwed-in mating flange
Guide rail fitting optional

Weight

143 kg (dry weight of the pump without cable)