

ANSI Self Priming Pumps

SSP



Applications

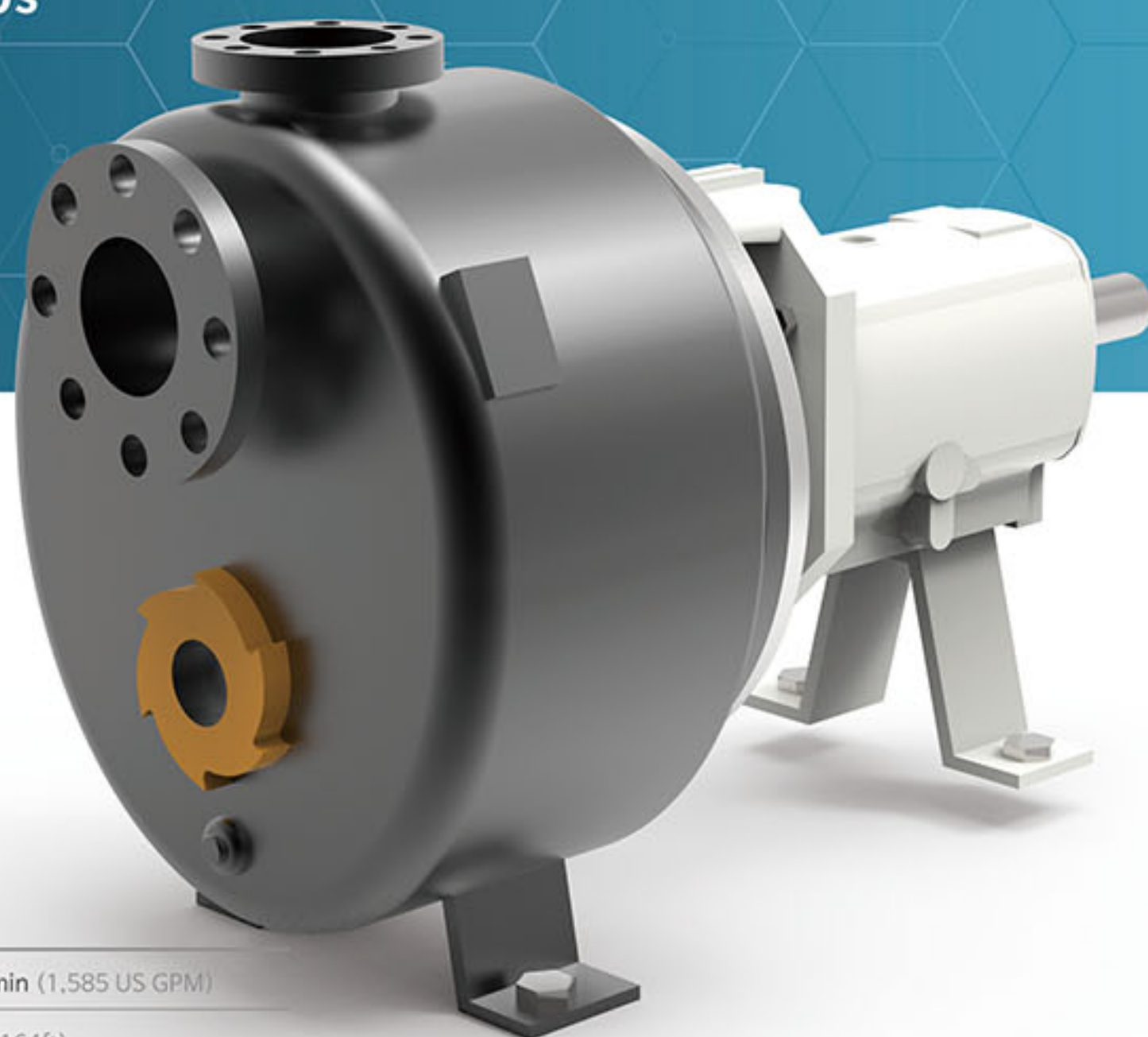
- Process
- Sump drainage
- Chemical industry
- Other Various industries

Ratings

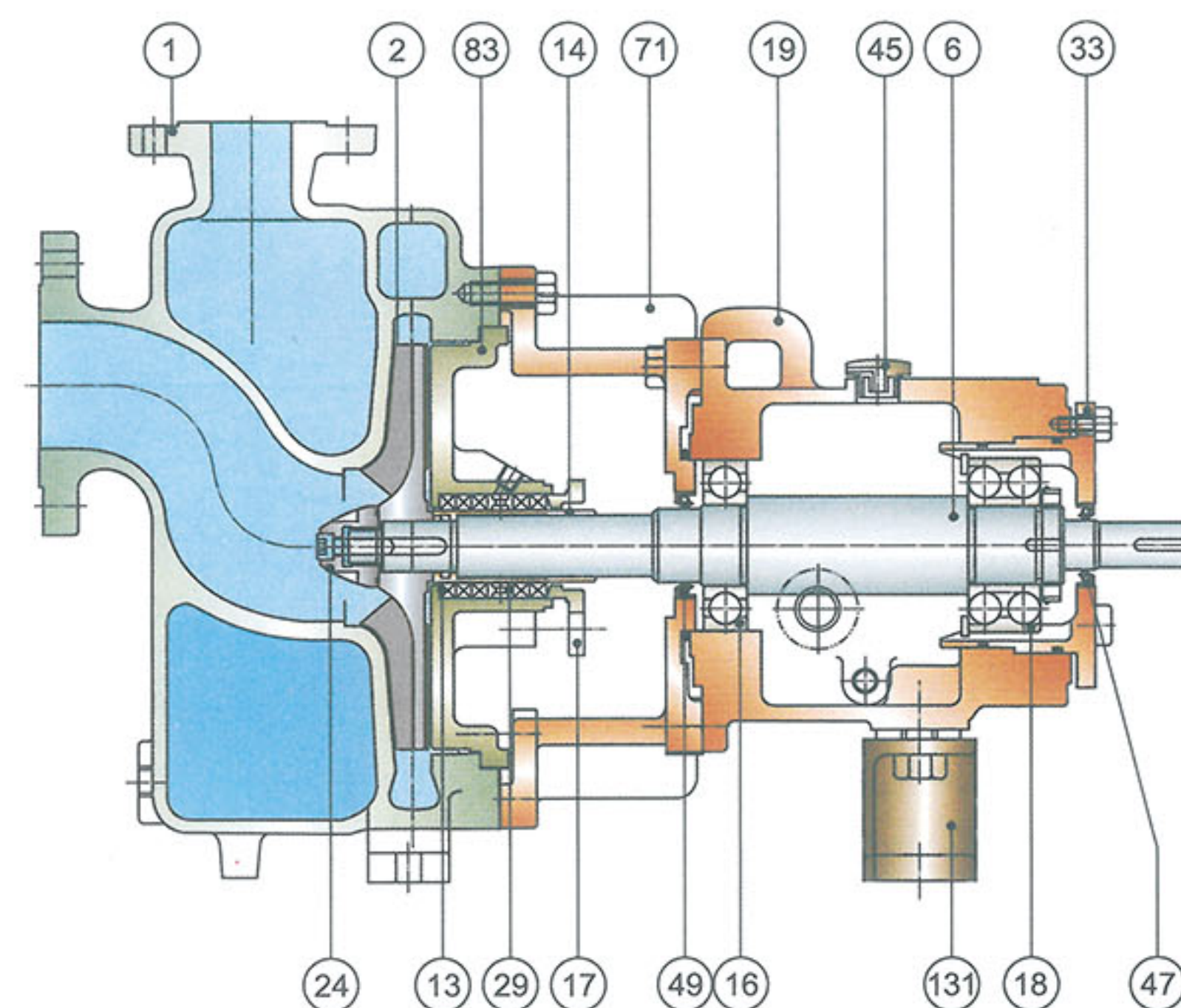
Capacity	UP to 6m ³ /min (1,585 US GPM)
Head	UP to 50m (164ft)
Temperature	UP to 177°C (350°F)

Technical Data

Bearing size/Rec. Fit-up	Inboard: MRC (SKF) 310 S/LO (6310/C3) Outboard: MRC (SKF) 5310(CG/LO)(5310 NR/Std.)
Shaft end play Maximum	0.001"(0.03mm)
Corrosion allowance	1/8"(3mm)
Casing flange	Class 150 raised face is available
Horizontal seal ring radial clearance	0.015~0.025"(0.38~0.64mm)
Impeller setting (Cover plate to impeller)	0.018"min. (0.46mm)
Minimum liquid temperature	-20°F (-29°C) (2)
Maximum liquid temperature without cooling	350°F (117°C)
Maximum liquid temperature with cooling	500°F (260°C) (1)
Maximum allowable horsepower (at 1150 RPM)	50hp (37kW)
Maximum allowable horsepower (at 1750 RPM)	75hp (55kW)
Maximum allowable horsepower (at 3500 RPM)	150hp (110kW)
Maximum RMS finish of shaft at stuffing box	16"(0.4m)



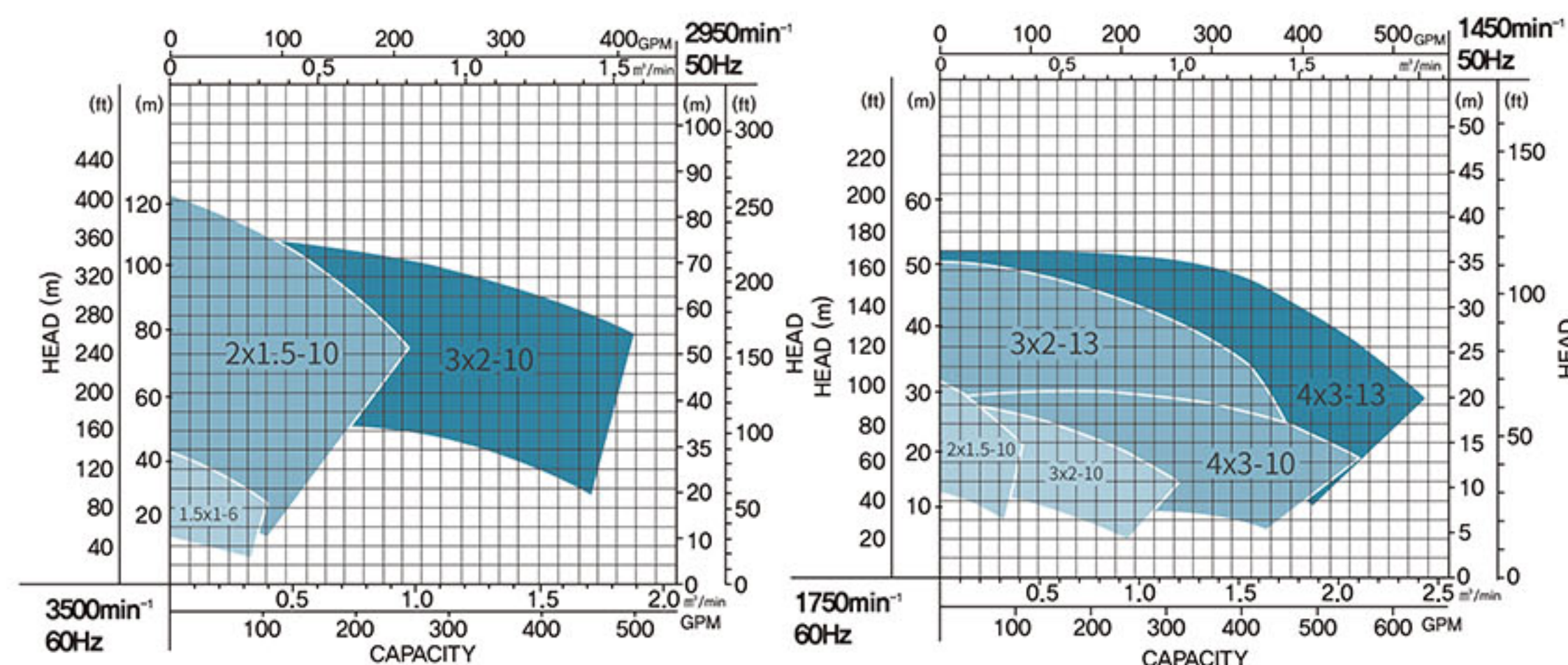
Parts List and Materials



1	Casing	17	Packing Gland	45	Oil Cap (Leakage free air vent)
2	Impeller	18	Outboard Bearing	47	Oil Seal
6	Shaft	19	Frame	49	Oil Seal
13	Packing	24	Impeller Nut	71	Adapter
14	Sleeve	29	Lantern Ring	83	Stuffing Box
16	Inboard Bearing	33	Outboard Bearing Cover	131	Supporter

Note : *. Other Materials are available on request

Selection Charts



Note : *. Performance ranges shown on these charts are preliminary selection only.