ANSI Self Priming Pumps

SSP

Applications
- Process
- Sump drainage
- Chemical industry
- Other Various Industries

Ratings

- Capacity: UP to 6m³/min (1.585 US GPM)
- Head: UP to 50m (164ft)
- Temperature: UP to 177°C (350°F)

Technical Data

- Bearing size/Rec. Fit-up
- Shaft end play Maximum
- Corrosion allowance
- Casing flange
- Horizontal seal ring radial clearance
- Impeller setting (Cover plate to impeller)
- Minimum liquid temperature
- Maximum liquid temperature without cooling
- Maximum liquid temperature with cooling
- Maximum allowable horsepower (at 1150 RPM)
- Maximum allowable horsepower (at 1750 RPM)
- Maximum RMS finish of shaft at stuffing box

Inboard: MRC (SKF) 310 S/CLO (6310/C3)
Outboard: MRC (SKF) 5310CG/CDLO(5310 NR/562)
0.001° (0.03mm)
1/8" (3mm)
Class 150 raised face is available
0.015~0.025" (0.38~0.64mm)
0.018" min. (0.46mm)
-20°F (-29°C) (2)
350°F (177°C)
500°F (260°C) (1)
50hp (37kW)
75hp (55kW)
150hp (110kW)
16" (0.4m)

Selection Charts

Parts List and Materials

1. Casing
2. Impeller
3. Shaft
4. Packing Gland
5. Outboard Bearing
6. Frame
7. Adapter
8. Impeller Nut
9. Sleeve
10. Lantern Ring
11. Inboard Bearing
12. Stuffing Box
13. Oil Cap
14. Oil Seal
15. Supporter

Other Various Industries