

RUHRPUMPEN

Selection list:

Search Criteria:

Flow: 500 US gpm
 Head: 450 ft
 Tolerance: — % of head

Fluid: Water

Temperature: 60 °F
 SG: 1
 Viscosity: 1.105 cP
 Vapor pressure: 0.2563 psi a
 Atm pressure: 14.7 psi a

Catalog: RUHR-60 vers 1

Pump: 3x2x13

Type: ANSI
 Synch speed: 3600 rpm
 Speed: 3550 rpm
 Dia: 10.85 in
 Curve no.: AC-13

Specific Speeds

Ns: 825 Nss: 7878

Dimensions:

Suction: 3 in Discharge: 2 in

Pump Limits:

Temperature: 600 °F
 Pressure: 275 psi g
 Sphere size: 0.7 in
 Power: — bhp

**RurRPumpen centrifugal pump, CCP-21,
 3"x2" 316 Stainless steel pump belt-driven
 @ 3550rpm by a 90 HP Deutz diesel engine
 (AWC Model #G3-SST)**

Pump is fitted as follows:

- 3"x3" stainless steel flanges
- mech. seal (silicon carbide/silicon carbide/viton)
- 316 SST impeller trimmed to 10.85"
- 316 SST shaft
- Teflon casing gasket

— Data Point —
 Flow: 500 US gpm
 Head: 454 ft
 Eff: 70%
 Power: 81.6 bhp
 NPSHr: 21.4 ft

— Design Curve —
 Shutoff Head: 532 ft
 Shutoff dP: 230 psi
 Min Flow: 119 US gpm
 BEP: 70% eff
 @ 527 US gpm
 NOL Pwr: 97.1 bhp
 @ 662 US gpm

— Max Curve —
 Max Pwr: 138 bhp
 @ 700 US gpm

