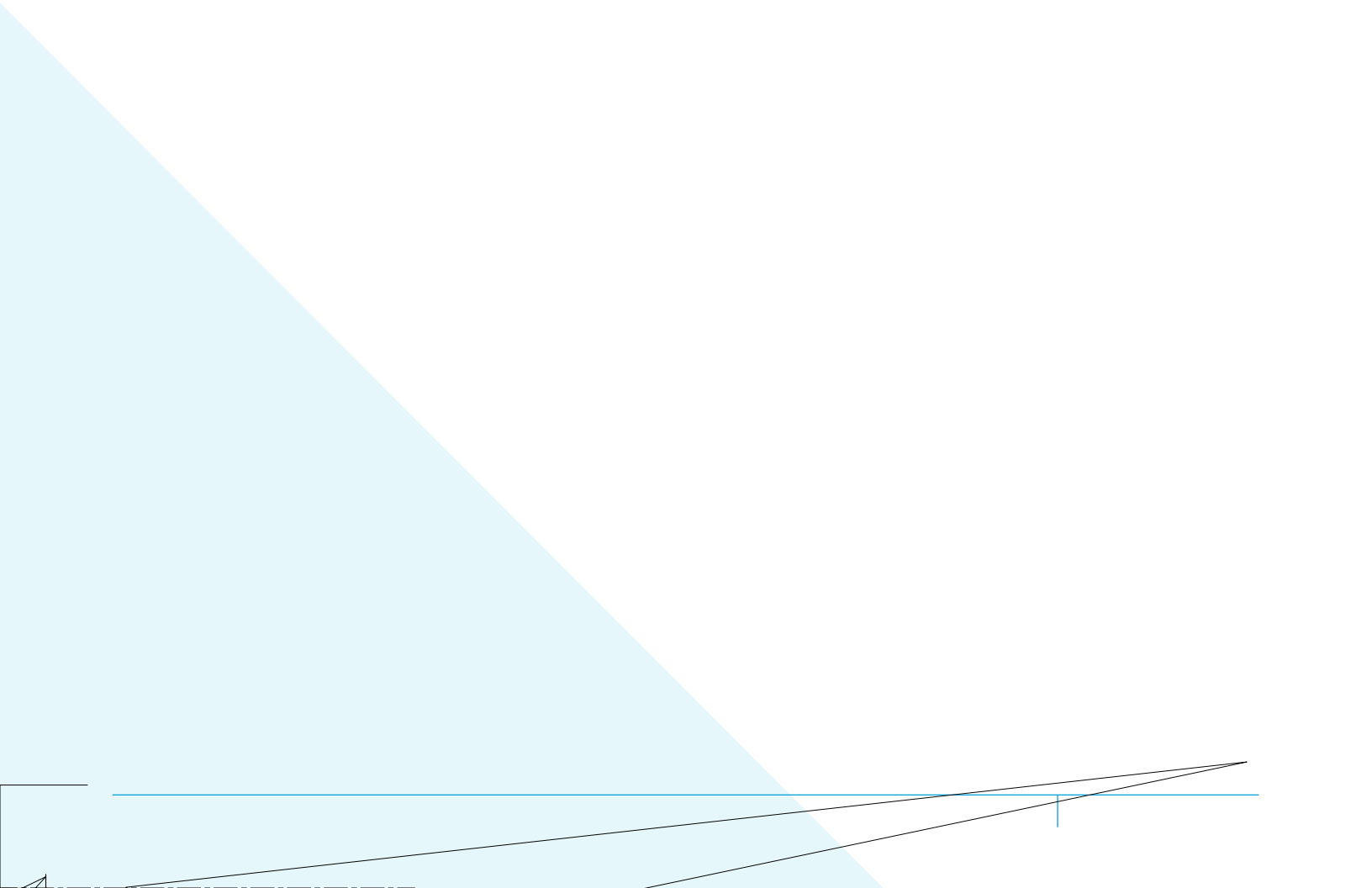


SC-95 TRIPLEX PUMP



ENGINEERING DATA SC-95 TRIPLEX PUMP

POWER END ENGINEERING DATA

Max. Input Power @ Speed	132 HP @ 550 rpm
Rated Plunger Load	9,504 lb.
Minimum Speed	100 rpm
Oil Capacity	9 U.S. Qts
Power End Oiling System	Splash
Power Frame, One-Piece	Cast Iron
Crosshead, Full Cylindrical	Cast Iron
Crosshead, Dia. x Length	4 3/4 x 5 in.
Crankshaft	Ductile Iron
Crankshaft Diameters:	
At Tapered Roller Bearings	2 5/8 in.
At Crankpin Bearings, Dia. x Length.....	3 1/2 x 3 in.
Crosshead (Wrist) Pin, Case-Hardened and Ground	AISI 8620
Main Bearings, Tapered Roller	Timken®
Crankpin Bearings, Precision Automotive	Babbitt-Lined
Extension (Pony) Rod	17-4 PH S.ST.
Connecting Rod, Automotive Type	Ductile Iron
Average Crosshead Speed @ 550 rpm	275 fpm
Minimum Life Expectancy, Main Bearings, L ₁₀	18,000+ hr.

LIQUID END ENGINEERING DATA

Max. Working Pressure	3,500 psi
Hydrostatic Test	5,250 psi
Liquid End Materials, A.S.T.M	
Ductile Iron	A536 80-55-06
Nickel Aluminum Bronze	B148 C955
Carbon Steel	Various Grades
Stainless Steel	Various Grades
Plunger Type Rokide® (Chromium Oxide-Coated)	Tungsten Carbide, ceramic and other types also available
Stuffing boxes, Field-Removable and Replaceable.....	carbon steel, stainless steel, Aluminum Bronze
Packing Types Available:	

SC-95 TRIPLEX PUMP