



ALLWEILER® HOUTTUIN™
IMO® TUSHACO®
WARREN® ZENITH®

Data Sheet

Quotation-No. -----

According to previous delivery no. **18011885 - 2018**

Item 10 1PC AFI20 R56D19US-W226H F CB-NO132S
Self priming 3-Rotor-Screw-Pump

Operating conditions

Pumped liquid	: Fuel Oil	Deliveryflow	: 49,2	<i>l/min</i>	
Working temp. tA	: 120	°C	Inlet pressure	: 0	<i>bar</i>
Density at tA	: 0,83	<i>kg/dm³</i>	Outlet pressure	: 40	<i>bar</i>
Viscosity at tA	: 12	<i>mm²/s</i>	Differential pressure	: 40	<i>bar</i>
NPSH-avail.	: --	<i>m</i>	Speed	: 2.900	<i>1/min</i>
NPSH-req.	: 3,2	<i>m</i>	Power absorbed	: 4,19	<i>kW</i>
without safety adder			Req. drive	: --	<i>kW</i>
			Tolerance acc. to	: Allweiler Standard	

Design features pump

Connection Inlet	: 1 "	Connection Discharge	: 1 "
Flange type	: SAE	Flange type	: SAE
Series/ hole pattern	: 3000 PSI M10 x 17/21	Series/ hole pattern	: 3000 PSI M10 x 17/21
Flow direction	: top to top		
Bearing	: external bearing grease_packed		
Sense of rotation	: cw (seen from driving side)		
Shaftsealing	: single-unbalanced mech. seal		

Materials

Casing	: EN-GJS-400-15	Cover drive side	: EN-GJS-400-15
Insert	: AlZn4,5Mg1		
Drive spindle	: hardened steel		
Idler spindles	: hardened steel		

Design features valve

Valve : **Pressure relief valve**
Valve spring adjustment : **42,0 bar**

Pump/motor assembly parts

Foot standard : **for Motor Size 132S; in Aluminium**
Coupling : **flexible claw coupling**

Drive

Drive not scope of supply

Painting

Coating system : **according to ALLWEILER Standard**
Top coat 1-component Acryl/PVC 35µm
Total dry film thickness 35µm
Colour : **RAL 5017 Traffic blue**



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Accessories

Counter flanges

Reliefe valve - Pressure relief valve, Set pressure 42,0 bar

Acceptances

Performance testing ALLWEILER

If not otherwise defined tests and acceptances are conducted and certified according to Allweiler test procedures.

Remarks:

The manufacturer herewith declares that the product is free of asbestos according to the regulation of SOLAS.
