

Bearings

Upper bearing: Single-row deep groove ball bearing.
Lower bearing: Double angular contact ball bearing.

Discharge connections

2 ½", 3", 4" hose connections.
2 ½", 3" (standard), 4" NPT threaded connections.

Pump control

Features	XJS 80	XJS 80 AT		
		AT	AT+ Level Sensor	Service Data Kit Read out
Run mode	●	●	●	-
Integrated start equipment	●	●	●	-
Automatic direction of rotation	-	●	●	-
Motor protection high temp	●	●	●	●
Motor protection high amp	-	●	●	●
Protection against missing phase	-	●	●	●
Level control	-	-	●	-
Dry run protection	-	-	●	-
Automatic restarting	-	-	●	-
E-mode (Automatic stop/run)	-	-	●	-
Indication of water in oil	-	-	-	●
Indication of low motor insulation	-	-	-	●
Indication of high or low voltage	-	-	-	●
Indication of high temperature	-	-	-	●
Indication of high amp	-	-	-	●
Indication of phase unbalance	-	-	-	●
USB cable connection	-	●	●	●
Crash log (10 latest)	-	-	-	●
Documentation (spare part list, workshop manual)	-	-	-	●

●● = Fault indication when pump is automatically stopped to protect the motor.

Weight

141 lbs (without cable)

Options and accessories

Level sensor. Service data kit. Zinc anodes. Surface protection coating. Floatation device. Discharge connection accessories and hose.

Materials

Description	Material	EN	ASTM
Motor housing	Aluminium	EN 1706:AC-43100	ASTM A510mg
Handle	Stainless steel	10088:X5CrNi18-10 (1.4301)	AISI 304
Rotor shaft	Stainless steel	10088:X20Cr13 (1.4021)	AISI 420
Volute / Impeller	Nodular cast iron	1563:ENGJS-HB150	ASTM A 536-80:60-40-18
Fasteners	Stainless steel	10088:X5CrNiMo 17122 (1.4401)	AISI 316
O-rings	Nitrile rubber		
Coating	2 component epoxy paint 120 µm		

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