



"New Era In Pump Industries"

Akroft Pump is a manufacturer of triplex reciprocating, metering plunger or dosing pumps and custom built pumping package to suit industrial specifications. Our pumps and pumping systems are designed to suit your specification to ensure maximum reliability and optimum performance.

Akroft Pump work closely with customers to develop features and material in our range of pumps that exceed expectations. Whether its domestic applications or stringent oil and gas applications, our motor, pump and safety system are carefully chosen to meet these criteria.

In Akroft Pump, we want to make your whole experience of installation, operation and maintenance an easy and positive one.



GLOBAL NETWORK



Akroft AKTR Series Reciprocating Pump

Features:

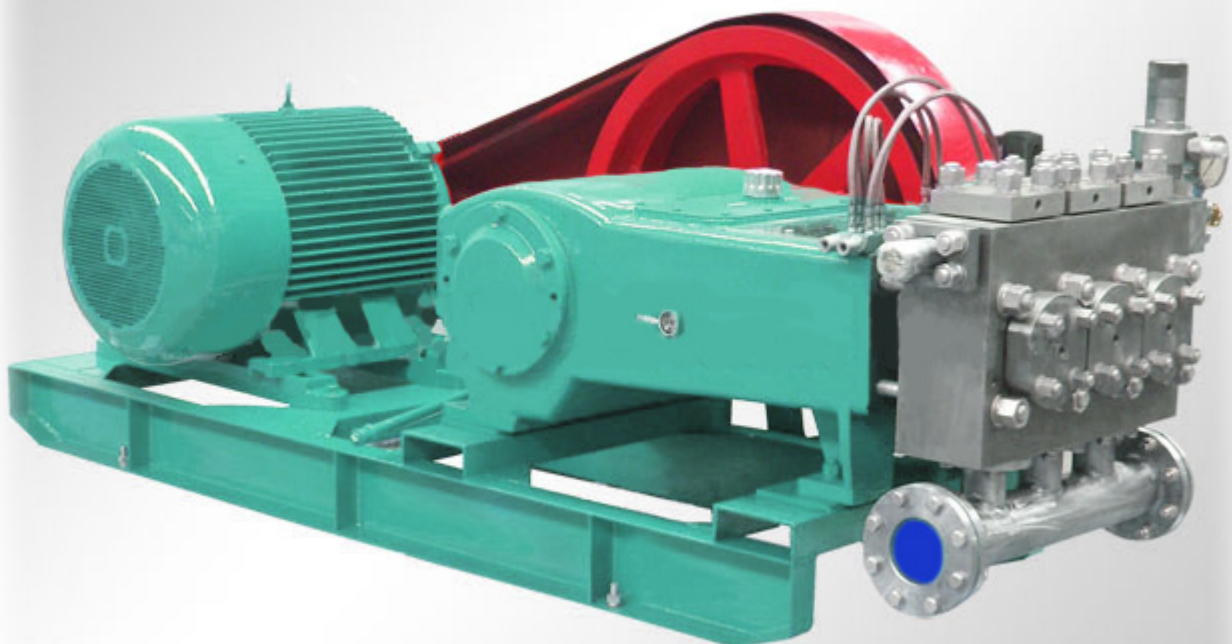
- 100% volumetric efficiency
- Minimum inlet pressure
- suitable for seawater, glycol, methanol, oil.
- Custom made to suit requirement

Materials:

- Liquid end: A182 F316L, A182 F304, A276 F420, Duplex Stainless, Alloy Steel
- Plunger: Ceramic Coating, Nickel Plating

Misc:

- Driver: V-belt driven, external gear box, electro-magnetic speed adjustable, in-verter speed adjustable.
- Suction/Discharge valve: globe, gate, ball valve.
- Cooling system recommended for high temperature fluid



Specification: Model AKTR1

Stroke Length: 60mm				Bareshaft: 220 kg			
Plunger size (mm)	25	30	35	40	45	50	
Pressure (MPa)	26	18	13	10	8	6	
Pump Speed (rpm)	Power (kW)	Maximum Flow Rate (litre/hour)					
150	6	780	1140	1560	2040	2580	3180
200	8	1080	1500	2100	2700	3420	4260
250	9	1320	1920	2580	3420	4320	5280
300	11	1560	2280	3120	4080	5160	6360
400	15	2100	3060	4140	5400	6840	8460
500	19	2640	3840	5220	6780	8580	10560

Specification: Model AKTR2

Stroke Length: 95mm				Bareshaft pump weight: 340 kg				
Plunger size (mm)	30	35	40	45	50	55	60	
Pressure (MPa)	62	46	35	27	22	18	15	
Pump Speed (rpm)	Power (kW)	Maximum Flow Rate (litre/hour)						
100	19	1140	1500	1980	2520	3060	3720	4440
150	28	1680	2280	2940	3780	4620	5580	6660
200	37	2220	3000	3960	4980	6180	7500	8880
250	46	2760	3780	4920	6240	7740	9360	11100
300	56	3360	4560	5940	7500	9240	11220	13320
400	77	4440	6060	7920	10020	12360	14940	17760
500	94	5520	7560	9900	12480	15420	18660	22200

Specification: Model AKTR3

Stroke Length: 120mm					Bareshaft pump weight: approx. 600 kg					
Plunger size (mm)	50	55	60	65	70	75	80	85	90	
Pressure (MPa)	40	33	28	24	20	18	15.5	14	12	
Pump Speed (rpm)	Power (kW)	Maximum Flow Rate (litre/hour)								
100	19	4200	5100	6120	7140	8340	9540	10860	12240	13740
150	28	6360	7680	9180	10740	12480	14280	16260	18360	20580
200	37	8460	10260	12180	14340	16620	19080	21720	24480	27480
250	46	10560	12840	15240	17880	20760	23820	27120	30600	34320
300	56	12720	15360	18300	21480	24900	28620	32520	36720	41220
400	77	14820	18000	21360	25080	29100	33360	37980	42900	48060
500	94	16920	20520	24420	28680	33240	38160	43380	49020	54960



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