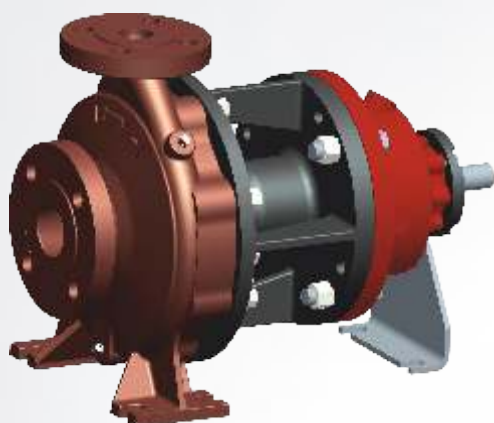




Enriching Lives

Air-Cooled Thermic Fluid Pump - AT



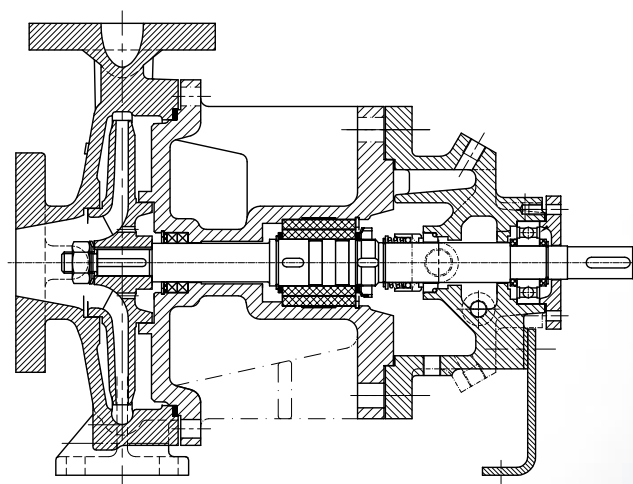
Applications

- Thermopacs
- Plywood Industry
- Chemical Industry
- Solvent Extraction & Refinery
- Food Industry
- Textile Industry
- Parabollic Dish Heating System

Operating range

Delivery Size	32 to 80 mm
Capacity (Q)	250 m ³ /hr
Head (H)	upto 100 meters
Temperature (t)	upto 350°C
Speed (n)	1450 & 2900 rpm

Cross-sectional drawing



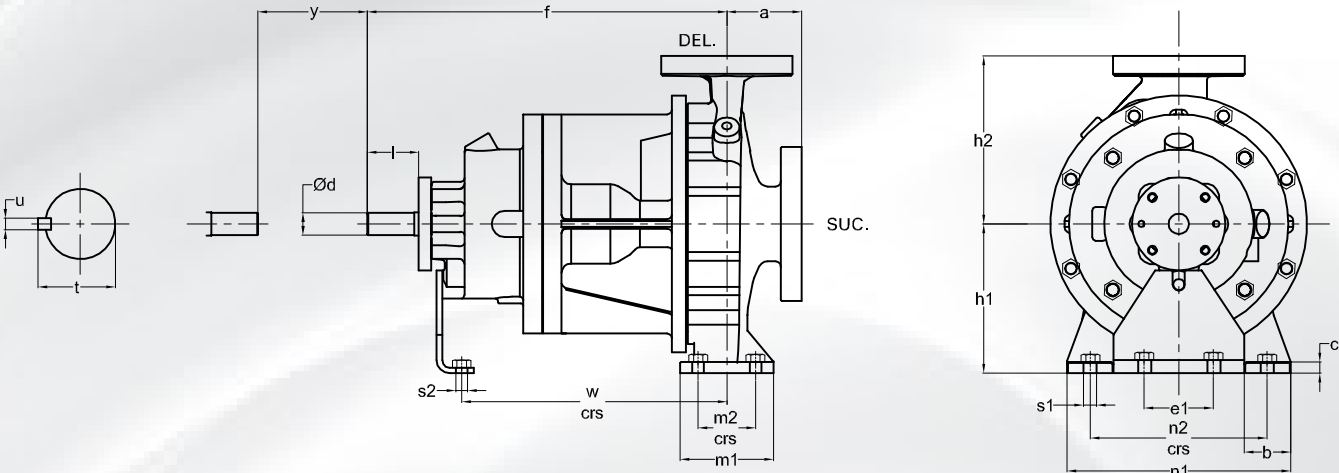
Features

- The pump is integral foot mounted for a given temperature range
- More reliable for thermal isolation of volute casing
- Balanced or Unbalanced maintenance free standard mechanical seal
- No additional cooling required (air cooled)
- Pump with grafoil packing at stuffing box cavity
- Carbon or SSiC Bearings
- Back pull out design (option)
- Flange Drilling: ANSI B16.5#150/300 RF
- Performance Testing: ISO 9906

Material of Construction

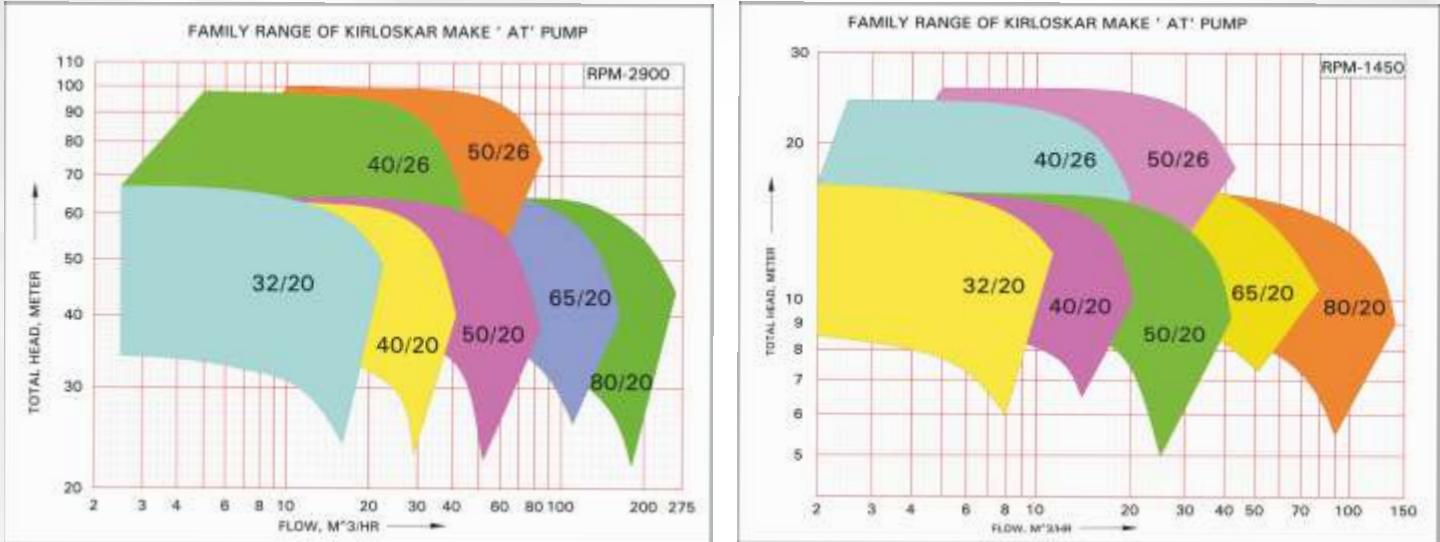
Pump casing, Casing cover, Impeller - ASTM A 216 - Grade WCB
Shaft - Stainless Steel AISI 4140/En 19

General Dimension & Mounting Details



PUMP SIZE	DRIVING UNIT	PUMP DIMENSIONS						FOOT DIMENSIONS										SHAFT END					Weight in kg. (Approx)
		DEL.	SUC.	a	f	h1	h2	b	c	m1	m2	n1	n2	w	s1	s2	e1	Δd	l	t	u	y	
32/20	5	32	50	80	385	160	180	50	14	100	70	240	190	285	14	15	110	24	50	27	8	100	56
40/20		40	65	100	385	160	180	50	14	100	70	265	212	285	14	15	110	24	50	27	8	100	60
50/20		50	80	100	385	160	200	50	14	100	70	265	212	285	14	15	110	24	50	27	8	100	63
40/26	7	40	65	100	500	180	225	65	14	125	95	320	250	370	14	15	110	32	80	35	10	140	87
50/26		50	80	125	500	180	225	65	14	125	95	320	250	370	14	15	110	32	80	35	10	140	95
65/20		65	100	100	500	180	225	65	14	125	95	320	250	370	14	15	110	32	80	35	10	140	90
80/20		80	125	125	500	180	250	65	14	125	95	345	280	370	14	15	110	32	80	35	10	140	97

Performance Chart



KIRLOSKAR BROTHERS LIMITED
A Kirloskar Group Company
Established 1888

OUR COMPANIES

United Kingdom

U.S.A.

South Africa

India

The Netherlands