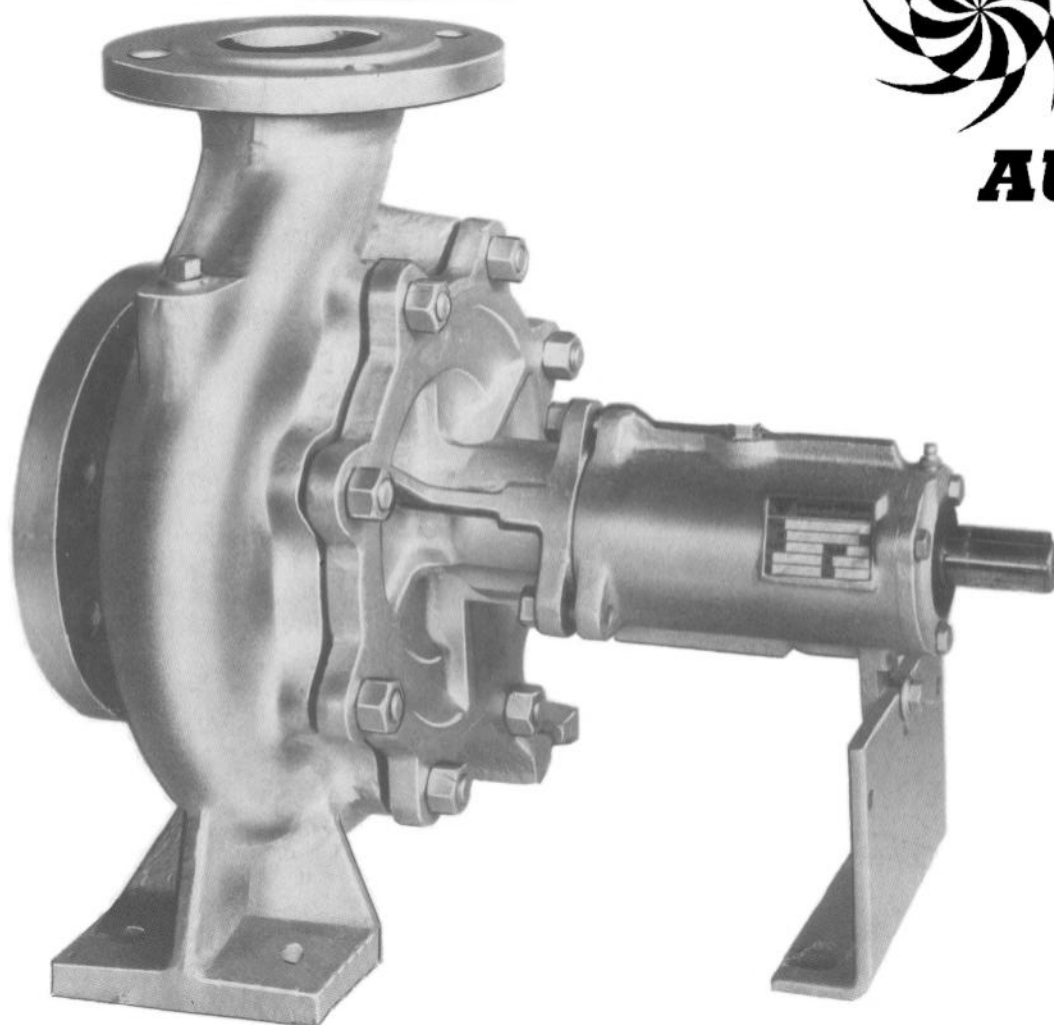




AURO



ACTF

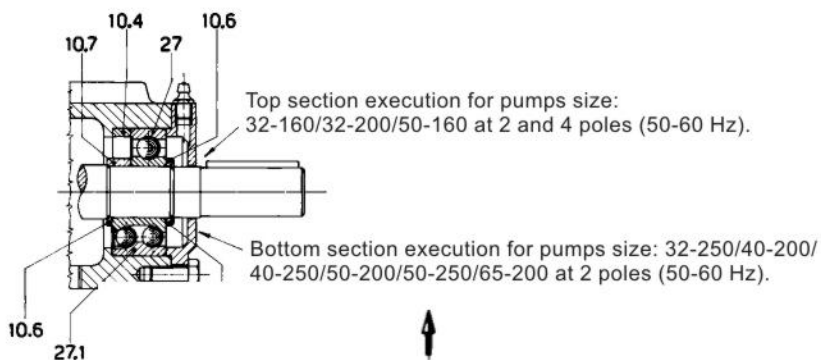
Air Cooled Thermic Fluid Pump

Capacity up to 100 m³/h
Total head up to 90 m.
Max. Working pressure 16 bar
Max. Oil temperature 350° C.

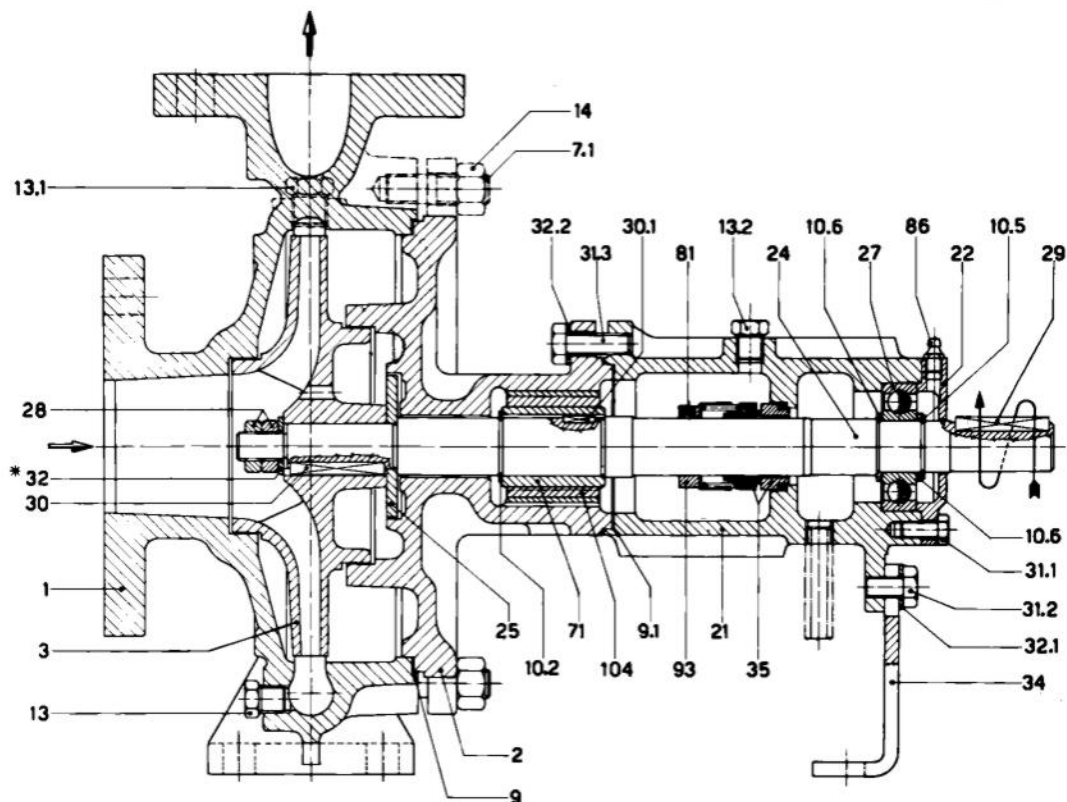
AURO PUMPS PVT. LTD.

(Established in 1984)

AN ISO 9001 - 2000 COMPANY



ACTF



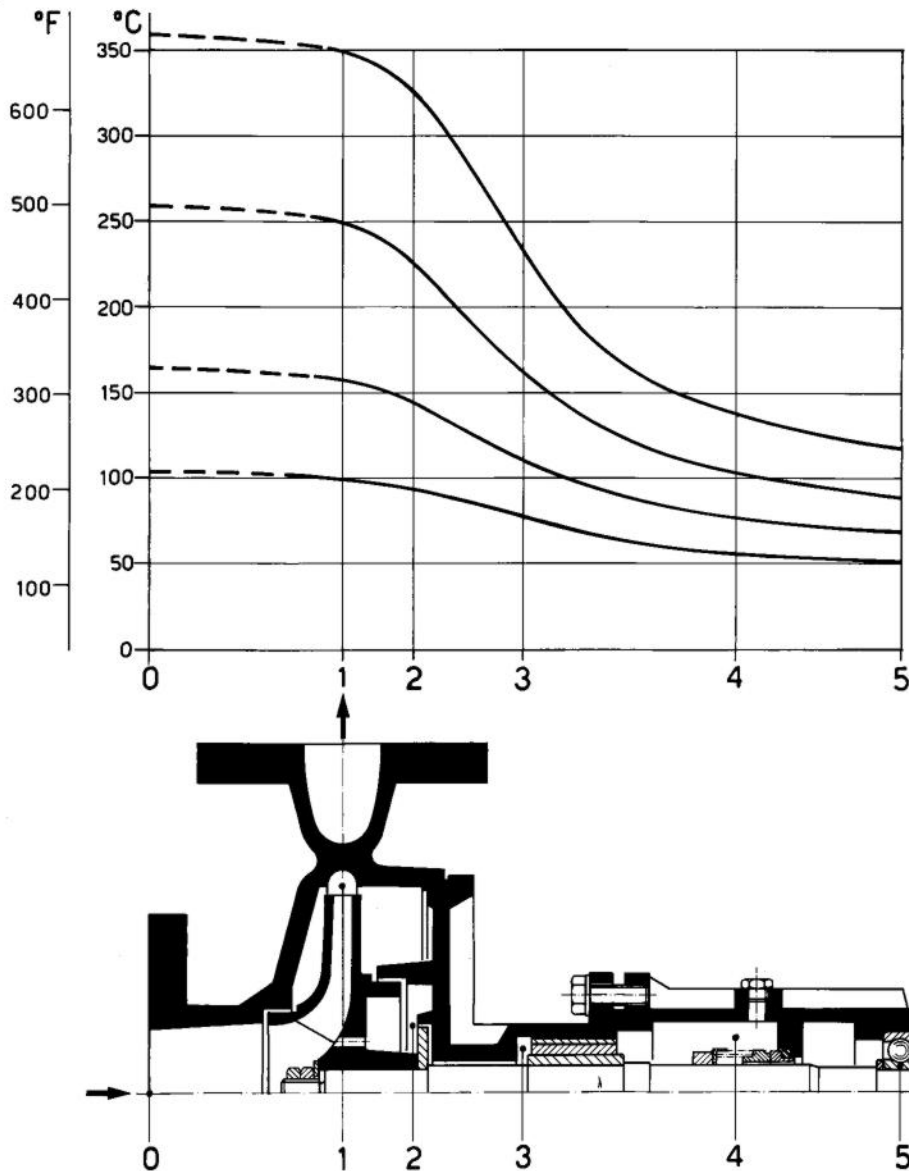
Parts List

ITEM	DESCRIPTION
1	Casing
2	Stuffing Box
3	Impeller
7.1	Stud
9	Flat gasket
9.1	Flat gasket
10.2	Circlip
10.4	Spacer ring
10.5	Circlip
10.6	Spacer ring
10.7	Spacer ring
13	Plug
13.1	Plug
13.2	Plug
14	Hex. Nut
21	Bearing Housing
22	Bearing cover
24	Shaft
25	Deflector

ITEM	DESCRIPTION
27	Ball bearing
27.1	Ball bearing
28	Impeller nuts
29	Coupling key
30	Impeller key
30.1	Sleeve key
31.1	Hex. cap screw
31.2	Hex. cap screw
31.3	Hex. cap screw
*32	Washer
32.1	Washer
32.2	Washer
34	Foot
35	Mechanical seal
71	Shaft sleeve
81	Headless screw
86	Grease Nipple
93	Mech. seal spacer
104	Line bearing

* Item no. titled on 32-160 / 32-200 / 50-160 / 65-160

Typical- Pump gradient versus fluid temperature



Interchangeability of parts

ACTF pumps are designed to allow the highest interchangeability of their parts, therefore, a small number of spare parts is necessary even when many different pumps are installed in the same plant.

Characteristics

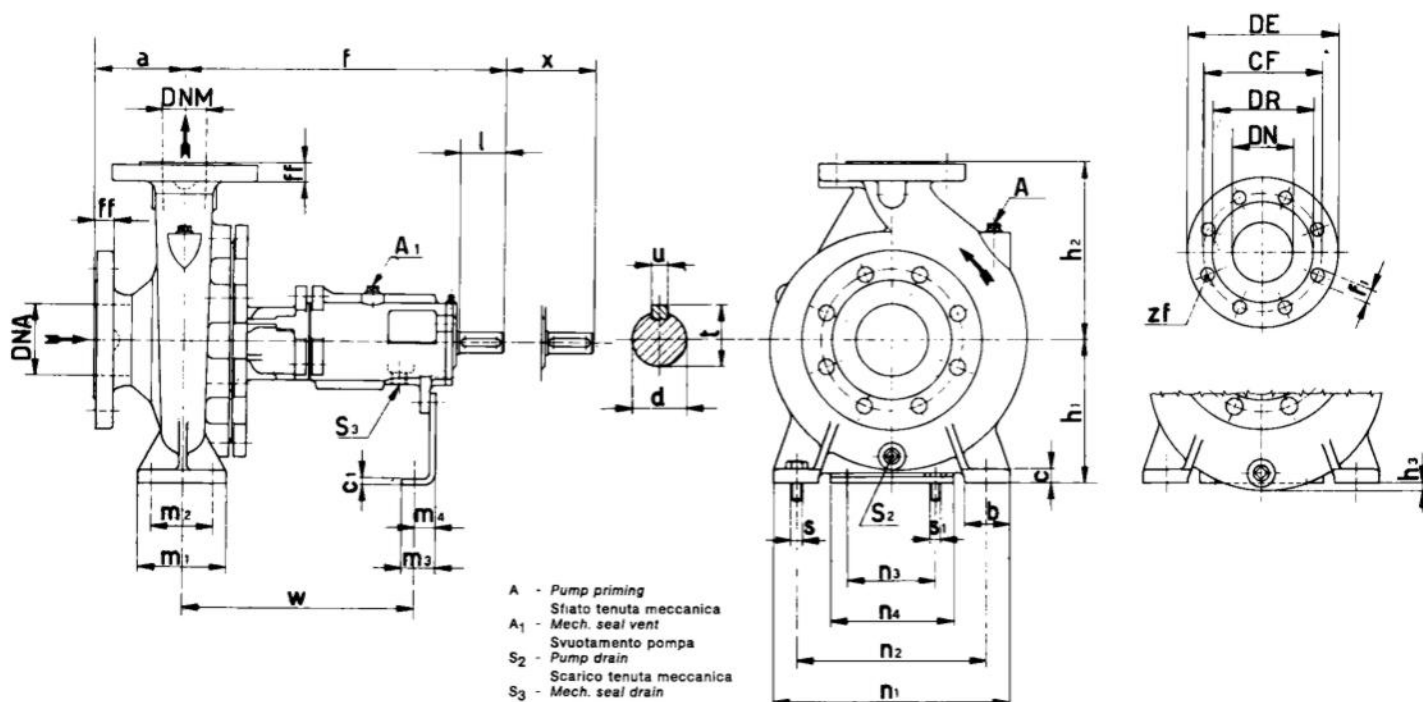
ACTF pumps are designed for diathermic fluids up to 350 °C. No cooling is required for the seal chamber, bearing bracket and pedestals. The installation of auxiliary circuits can be thus avoided and water saved. Mechanical seal is in accordance with VDMA 24960. This pumps, fitted with special mechanical seal device, can be used with hot water up to 170 °C.

Construction

These pumps have a standard process type design: single stage, single volute casing; axial suction upward radial discharge; radial impeller, with axial thrust balancing holes; separate bearing housing, with plane bearings lubricated by the liquid handled and one grease lubricated axial thrust resistant ball bearing. The pump is provided with carbon bush in the front bearing. The design has aimed at improving the thermic exchange with the atmosphere, for a natural cooling of the pump.

Materials

Standard construction material is with wetted parts in cast steel, alloy steel shaft, hardened alloy steel shaft sleeve. The plane bearing is carbon bush.



Overall Dimensions

MODEL	DIMENSIONS																											
	PUMP								FEET																SHAFT			
	DNA	DNM	a	f	h1	h2	h3	x	b	m1	m2	m3	m4	n1	n2	n3	n4	w	c	c1	s	s1	d	l	u	t		
ACTF 32-160	50	32	80	360	132	160	-	100	50	100	70	42	25	240	190	110	150	260	14	7	M12	M12	24	50	8	27		
ACTF 32-200	50	32	80	360	160	180	-	100	50	100	70	42	25	240	190	110	150	260	14	7	M12	M12	24	50	8	27		
ACTF 32-250	50	32	100	470	180	225	-	100	65	125	95	42	25	320	250	110	150	340	16	7	M12	M12	32	80	10	35.5		
ACTF 50-160	65	50	100	360	160	180	-	100	50	100	70	42	25	265	212	110	150	260	14	7	M12	M12	24	50	8	27		
ACTF 40-200	65	40	100	360	160	180	-	100	50	100	70	42	25	265	212	110	150	260	14	7	M12	M12	24	50	8	27		
ACTF 40-250	65	40	100	470	180	225	-	100	65	125	95	42	25	320	250	110	150	340	16	7	M12	M12	32	80	10	35.5		
ACTF 50-200	65	50	100	360	160	200	-	100	50	100	70	42	25	265	212	110	150	260	14	7	M12	M12	24	50	8	27		
ACTF 50-250	65	50	100	470	180	225	-	100	65	125	95	42	25	320	250	110	150	340	16	7	M12	M12	32	80	10	35.5		
ACTF 65-200	80	65	100	360	180	225	-	140	65	125	95	42	25	320	255	110	150	260	16	7	M12	M12	24	50	8	27		

MODEL	CONNECTION HOLES				WEIGHT Kg.
	A	S2	S3	A1	
ACTF 32-160	3/8"	1/4"	1/4"	1/4"	29
ACTF 32-200	3/8"	1/4"	1/4"	1/4"	33
ACTF 32-250	3/8"	1/4"	1/4"	1/4"	47
ACTF 50-160	3/8"	1/4"	1/4"	1/4"	31
ACTF 40-200	3/8"	1/4"	1/4"	1/4"	37
ACTF 40-250	3/8"	1/4"	1/4"	1/4"	49
ACTF 50-200	3/8"	1/4"	1/4"	1/4"	43
ACTF 50-250	3/8"	1/4"	1/4"	1/4"	57
ACTF 65-200	3/8"	3/8"	1/4"	1/4"	50

FLANGE DIMENSIONS PN16						
DN	DE	CF	DR	zf	f1	ff
32	140	100	78	4	18	20
40	150	110	88	4	18	20
50	165	125	102	4	18	20
65	190	145	122	4	18	20
80	200	160	138	8	18	22

OTHER FLANGE FACING
ARE AVAILABLE AS OPTION

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