


ALFA R series pumps

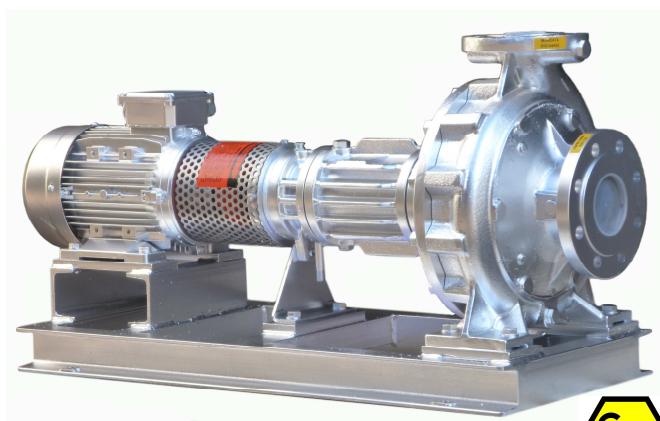
Self-cooling, standardized centrifugal pumps in the **ALFA R** series are specially designed for a large range of use and mainly for **heat transfer** installations (< 350°C) on thermic oils.

Their hydraulic sizes and performance comply with the norm ISO 2858 or NF 44 121.

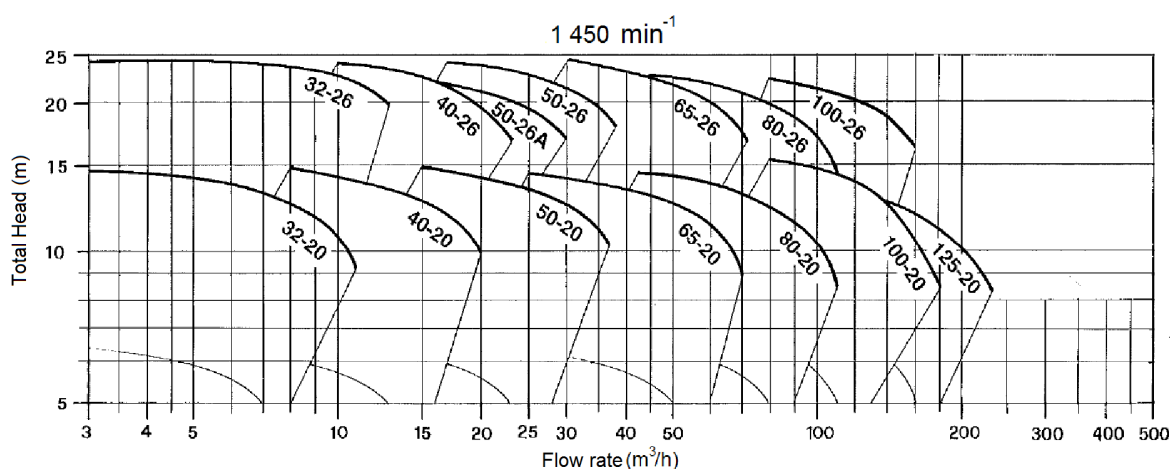
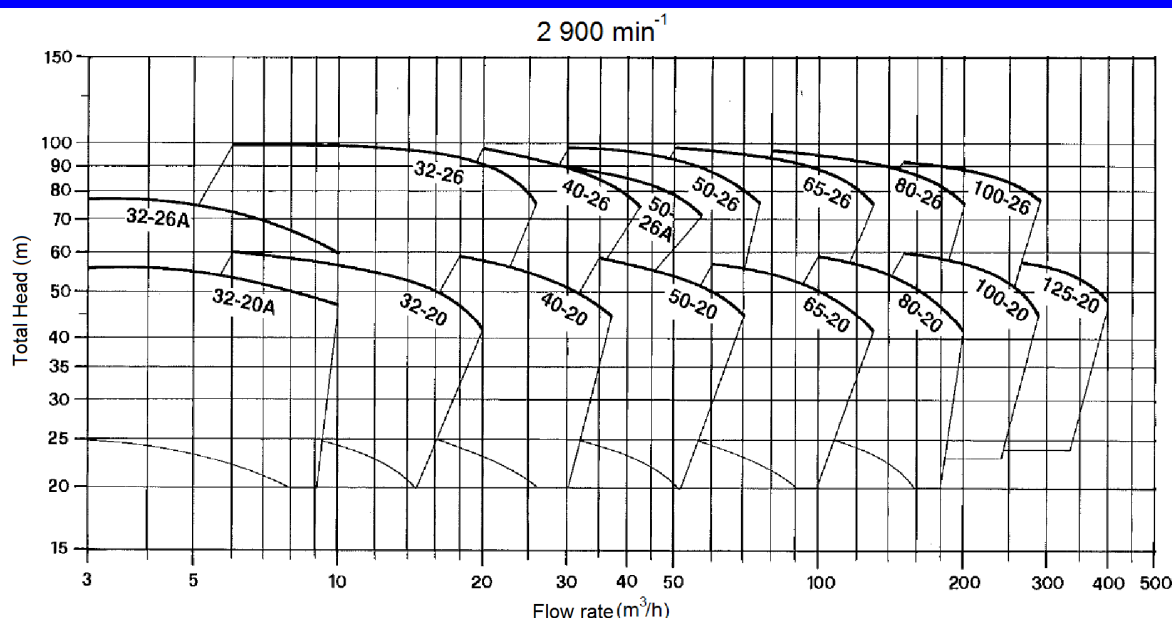
The **ALFA R** pumps are secured to a baseplate and are chosen for a wide variety of uses in the industry. Assembly using spacer coupling makes maintenance easier by keeping the hydraulic and electrical parts separate.

LIMITS OF USE

- Flow rate: 3 m³/h to 360 m³/h
- Total head: < 95 m
- Operating temperature: < 350°C
- Operating pressure: < 16 bar or more on request
- Speed: < 3600 min⁻¹
- ATEX certification:  II 2 G II B T3/T4



SELECTION CURVES



BUSINESS ACTIVITIES AND PRINCIPAL USE

Thermal fluids - Skid manufacturers - Engineering companies - Chemical and fine chemicals industries - Automotive industry...

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Technical sheet n°: ALFA R-13-EN

SPECIFICATIONS



Basic components

- Pump body
 - Cover/diffuser/flange
 - Impeller
 - Shaft
 - Gasket
- Nodular Cast Iron
Nodular Cast Iron
Cast iron
420 stainless steel
Aramid

To better respond to your requirements, our expertise in the metalworking industry is at your service:

Stainless steel 316, Hastelloy, Duplex...

(can be modified according to your needs)

Mechanical seal

- Assembly
 - Lubrication
 - Friction faces
 - O-ring
- Simple, double back to back, or tandem mechanical seal
Process fluid
SiC/C
FPM

We'll help you define the best type of assembly and dynamic sealing adapted to your application.



Pump inlet and outlet connections

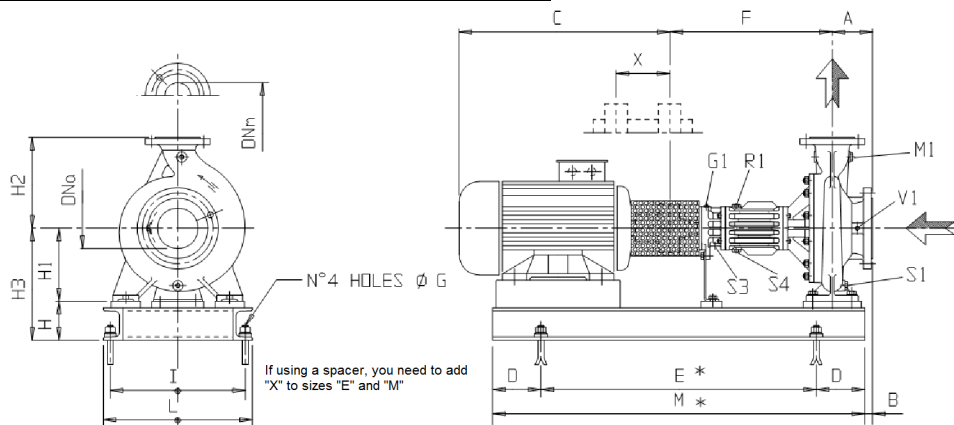
Type	32-	40-	50-	65-	80-	100-	125-
Inlet	DN50PN16	DN65PN16	DN80PN16	DN100PN16	DN125PN16	DN125PN16	DN150PN16
Outlet	DN32PN16	DN40PN16	DN50PN16	DN65PN16	DN80PN16	DN100PN16	DN125PN16

Paint

- Primer + final paint (RAL 5017)
- (can be modified on request)

OVERALL DIMENSIONS

Type	PN 16 Flanges		A	B	H	H1	H2	H3	Connections								Weight
	Dna	DNm							M1	S1	S3	V1	G1	R1	S4	Kg	
32-20 e 20A	50	32	80	20	80-95	160	180	240-255	3/8"	1/4"	1/4"	1/4"	1/4"	3/8"	1/4"	89-153	
32-26 e 26A				25		180	225	260-275								128-264	
40-20	65	40	100	25	80-95	160	180	240-255	3/8"	1/4"	1/4"	1/4"	1/4"	3/8"	1/4"	99-225	
40-26						180	225	260-275								137-265	
50-20	80	50	100	25	80-95	160	200	240-255	3/8"	1/4"	1/4"	1/4"	1/4"	3/8"	1/4"	100-226	
50-26 e 26A				50	80-140	180	225	260-320								138-372	
65-20	100	65	100	25	80-140	180	225	260-320	3/8"	1/4"	1/4"	1/4"	1/4"	3/8"	1/4"	134-366	
65-26				33	80-165	200	250	280-365								144-516	
80-20	125	80	125	50	80-140	180	250	260-320	3/8"	3/8"	1/4"	3/8"	1/4"	3/8"	1/4"	139-371	
80-26				33	80-190	225	280	305-415								168-605	
100-20	125	100	125	33	80-190	200	280	280-390	3/8"	3/8"	1/4"	3/8"	1/4"	3/8"	1/4"	158-480	
100-26				48	80-220	225	280	305-445								185-959	
125-20	150	125	140	48	80-220	225	315	305-445	1/2"	3/8"	1/4"	3/8"	1/4"	3/8"	1/4"	183-962	



Dimensions shown are for reference only and can be different according to the type of motor used.

PART NUMBER

ALFA R	125-16	FT	164	30	2	I	12555
E/S connections	Material in contact with the liquid	Impeller diameter	Motor				Serial No.
32-__	F Nodular Cast Iron		Power (kW)	2 2 poles (# 2 900 rpm)	Protection	A ATEX	
40-__	... On request			4 4 poles (# 1 450 rpm)	I non-ATEX		
... 125-__	See above						

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