

ALFA series pumps

The standardized centrifugal pumps in the **ALFA** series can be employed for a wide range of uses, specifically for challenging sectors such as the chemical or petrochemical industries. They comply perfectly with **ISO 2858** or **NF 44 121** standards.

Because they are secured to baseplates, the **ALFA** pumps can be used for a wide variety of industrial purposes. The option using spacer coupling makes maintenance much easier.

Different types of **API-conformed tightness** are available and the mechanical seals conform with **DIN 24 960**.

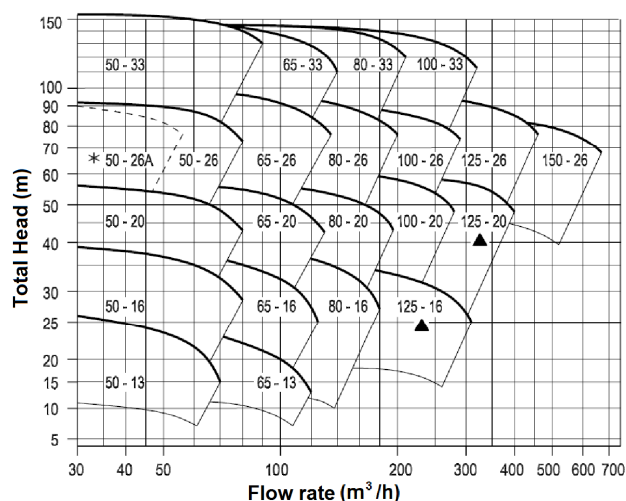
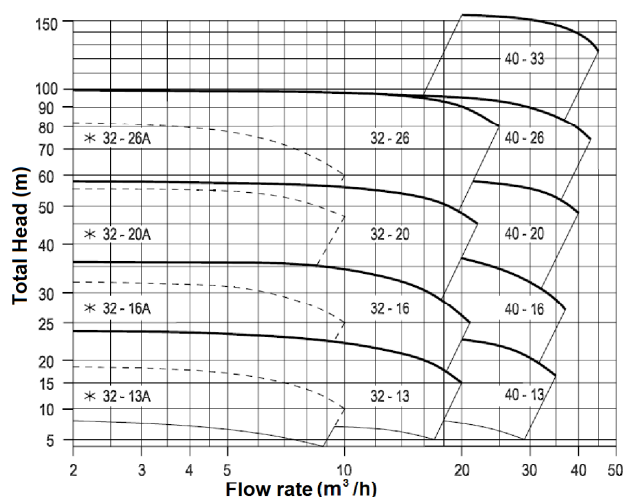


LIMITS OF USE

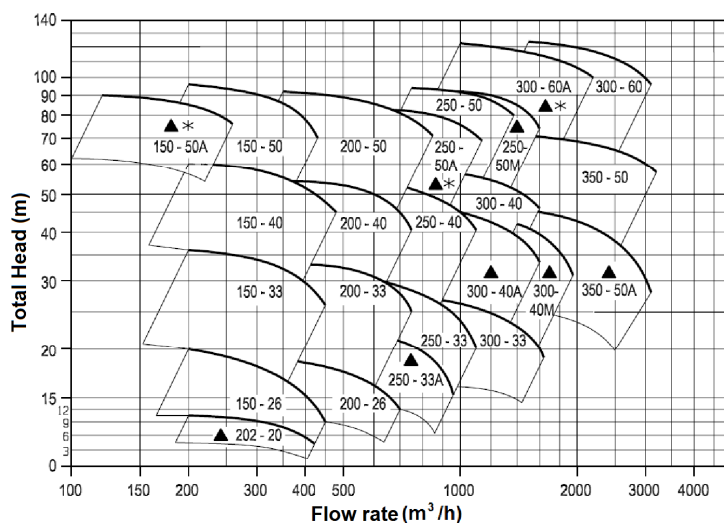
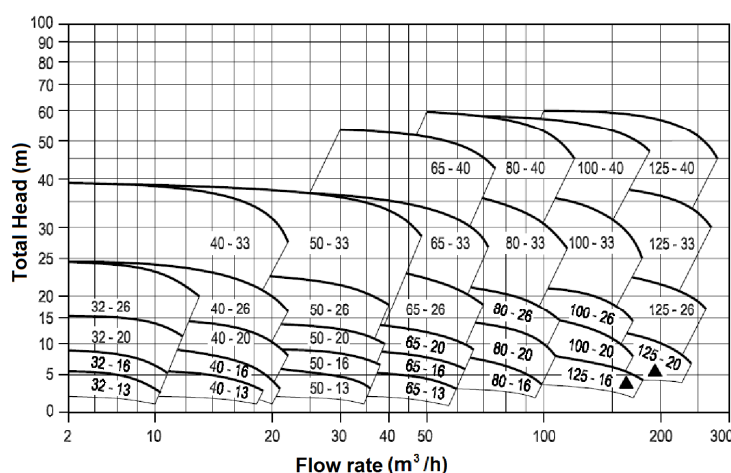
- Flow rate: 2 m³/h to 3,000 m³/h
- Total head: < 150 m
- Operating temperature: - 25°C to + 140°C
- Operating pressure: < 16 bar or more on request
- Speed: < 3600 min⁻¹
- ATEX certification: II 2 G II B T3/T4

SELECTION CURVES

2900 min⁻¹



1450 min⁻¹



BUSINESS ACTIVITIES AND PRINCIPAL USE

Chemical and fine chemicals industries - Pharmaceutical industry - Cosmetic industry - Paper-making industry - Automotive industry - Metalworking industry - Integration companies - Transferring corrosive liquids or solvents - Tank unloading - General purpose....

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Technical sheet n°: ALFA-13-EN

SPECIFICATIONS

Basic components

- Pump body
- Cover/diffuser/flange
- Impeller
- Shaft
- Gasket

Carbon steel
Carbon steel
Carbon steel
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.

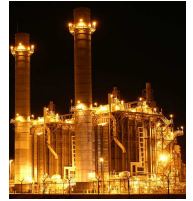
Pump inlet and outlet connections

Type	32-__	40-__	50-__	65-__	80-__	100-__	125-__	150-__	200-__	250-__	300-__
Inlet	DN50PN16	DN65PN16	DN80PN16	DN100PN16	DN125PN16	DN125PN16	DN150PN16	DN200PN16	DN250PN16	DN300PN16	DN350PN16
Outlet	DN32PN16	DN40PN16	DN50PN16	DN65PN16	DN80PN16	DN100PN16	DN125PN16	DN150PN16	DN200PN16	DN250PN16	DN300PN16

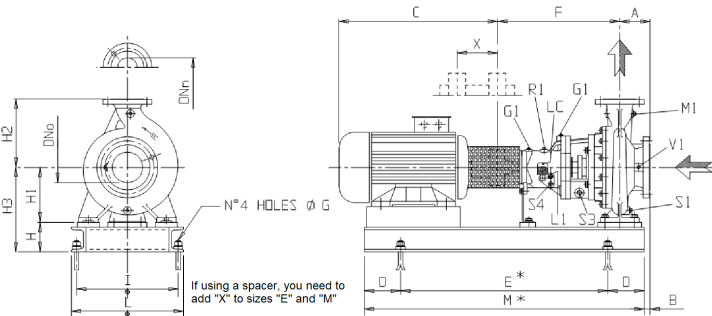
Paint

- Primer + final paint (RAL 5017)

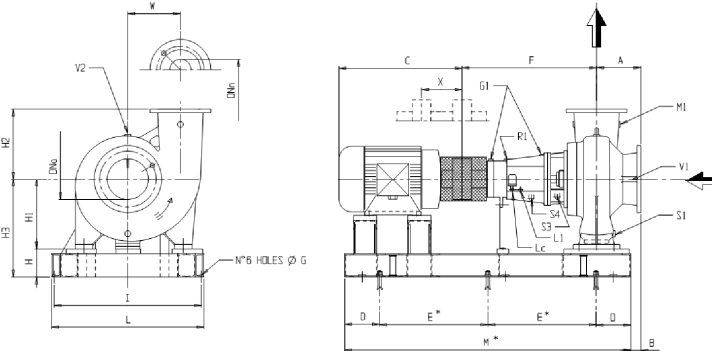
(can be modified on request)



OVERALL DIMENSIONS



Type	PN16 Flanges Dna DNm	A	B	H	H1	H2	H3	Connections M1 S1 S3 V1	Lubricator G1 R1 L1 LC	Oil bath S4
250-33 & 33A	300 250	250	105	185-205	400	525	585-605	1/2" 1/2" 1/2" 3/8"	1/4" 3/8" 3/8" 1/4"	3/8"
300-33	350 300	300	70		500	670	685-705			
On above drawing										
250-40	300 250	225	80	185-210	400	600	585-610			
250-50 & 50A	300 250	300	145	210	500	500	710			
300-40 & 40A	350 300	325	180	185-210	400	640	585-610	1/2" 1/2" 1/2" 3/8"	1/4" 3/8" 3/8" 1/4"	3/8"
300-40M	300 100	300	100	185-210	500	670	685-710			
350-50 & 50A	400 350	380	85	240	600	600	840			



Type	PN16 Flanges		A	B	H	H1	H2	H3	Connections				Lubricator		Oil bath													
	Dna	DNm							M1	S1	S3	V1	G1	R1	L1	LC	S4											
32-13 & 13A	50	32	80	20	63-78	112	140	175-190	3/8"	1/4"	1/2"	1/4"	1/4"	3/8"	3/8"	1/4"	3/8"											
63-93					132	160	195-225																					
80-95			160	180	240-255																							
100			25	80-95	180	225	260-275																					
40-13	65	40	80	20	63-93	112	140	175-205	3/8"	1/4"	1/2"	1/4"	1/4"	3/8"	3/8"	1/4"	3/8"											
63-93					132	160	195-225																					
80-95			160	180	240-255																							
100			25	80-140	180	225	260-320																					
125			50	80-165	200	250	280-365																					
40-13			40	78-93	132	160	210-225																					
80-95				160	180	240-255																						
40-16			100	80-160	200	240-320																						
80-165				180	225	260-345																						
50-13			80	50	125	50	95-220	225										280	320-445	3/8"	1/4"	1/2"	1/4"	1/4"	3/8"	3/8"	1/4"	3/8"
50-16	25	80-95					160	180	240-255																			
50-20	100	65	100	25	80-160	180	200	240-320	3/8"	1/4"	1/2"	1/4"	1/4"	3/8"	3/8"	1/4"	3/8"											
80-165					180	225	260-345																					
50-26 & 26A			125	50	95-220	225	280	320-445										3/8"	1/4"	1/2"	1/4"	1/4"	3/8"	3/8"	1/4"	3/8"		
50-33																											25	80-95
65-13			100	65	100	25	80-140	180										225	260-320	3/8"	1/4"	1/2"	1/4"	1/4"	3/8"	3/8"	1/4"	3/8"
65-16							33	80-190										200	250									
65-20			125	80	125	30	100-255	225										280	325-480	3/8"	3/8"	1/2"	3/8"	1/4"	3/8"	3/8"	1/4"	3/8"
65-26							10	100-120										280	355									
65-33			125	80	125	50	80-140	180										225	260-320	3/8"	3/8"	1/2"	3/8"	1/4"	3/8"	3/8"	1/4"	3/8"
80-16							80-190	250										260-370										
80-20	33	80-220			225	280	305-445																					
80-26	30	100-255			250	280	350-505																					
80-33	10	100-140			280	355	380-420																					
80-40	125	33			80-220	200	280	280-420																				
100-20	125	100			140	30	100-255	225	280	325-480	3/8"	3/8"	1/2"	3/8"	1/4"	3/8"	3/8"	1/4"	3/8"									
100-26							45	100-255	250	315																		
100-33	150	125			140	25	100-160	280	355	380-440	1/2"	3/8"	1/2"	3/8"	1/4"	3/8"	3/8"	1/4"	3/8"									
100-40							48	80-165	225	280																		
125-16	200	150	160	45	80-220	225	315	305-445	1/2"	3/8"	1/2"	3/8"	1/4"	3/8"	3/8"	1/4"	3/8"											
125-20					250	355	350-505																					
125-26					280	355	380-535																					
125-33					120-215	315	400	435-530																				
125-40					40	100-255	280	375										380-535										
150-26					185	315	400	500																				
150-33	200	150	160	60	185-205	315	450	500-520	1/2"	1/2"	1/2"	3/8"	1/4"	3/8"	3/8"	1/4"	3/8"											
150-40					185-205	355	500	540-560																				
150-50 & 50A					68	95-120	300	400										395-420										
202-20					85	100-160												455-515										
200-26	250	200	180	80	185	355	500	540-560	1/2"	3/8"	1/2"	3/8"	1/4"	3/8"	3/8"	1/4"	3/8"											
200-33					185-205	355	500	540-560																				
200-40					40	185-205	400	580										585-605										
200-50																												

PART NUMBER

ALFA	125-16	FT	-	164	-	30	-	2	I	-	12555
	E/S connections	Material in contact with the liquid		Impeller diameter		Power (kW)		Motor			Serial No.
32-__	F	Nodular Cast Iron						2 2 poles (# 2 900 rpm)		Protection	
40-__	A	Carbon Steel						4 4 poles (# 1 450 rpm)		A ATEX	
...	XF1	Stainless steel 316								I non-ATEX	
300-__	...	On request									

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