

Sigla di identificazione
Identification mark

Girante vortex
Vortex impeller

1	2	3	4	5	6	7	8	9
RCB	80 20	A	4	A75	C	181	3	/A

1 Esecuzione pompa

RCB	Pompa asse nudo/asse nudo su base
RCL	Pompa lanterna
RCM	Pompa monoblocco

1 Pump arrangement

RCB	Bare shaft pump/bare shaft pump on base
RCL	Lantern bracket pump
RCM	Close coupled pump

2 Grandezza pompa

80-20	
80	Diametro bocca di mandata (mm)
20	Diametro Nominale Girante (cm)

2 Pump size

80-20	
80	Discharge port diameter (mm)
20	Nominal impeller diameter (cm)

3 Riduzione girante

A	Diametro massimo
B	1° riduzione
C	2° riduzione
AR	Riduzione intermedia (tra A e B)

3 Impeller trim

A	Maximum diameter
B	1° trim
C	2° trim
AR	Intermediate trim (between A and B)

4 Polarità motore

0000	Pompa asse nudo senza base
2	Motore elettrico a 2 poli
4	Motore elettrico a 4 poli
6	Motore elettrico a 6 poli
8	Motore elettrico a 8 poli

4 Motor polarity

0000	Bare shaft pump without base
2	2 poles electric motor
4	4 poles electric motor
6	6 poles electric motor
8	8 poles electric motor

5 Potenza motore elettrico

0000	Pompa asse nudo senza base
A	0,25-0,75 kW
B	1,1-9,2 kW
C	11-90 kW
D	110-400 kW

5 Electric motor power

0000	Bare shaft pump without base
A	0.25-0.75 kW
B	1.1-9.2 kW
C	11-90 kW
D	110-400 kW

A	kW	0,25	0,37	0,55	0,75
Cod	A25	A37	A55	A75	

B	kW	1,1	1,5	2,2	3,0	4,0	5,5	7,5	9,2
Cod	B11	B15	B22	B30	B40	B55	B75	B92	

C	kW	11	15	18,5	22	30	37	45	55	75	90
Cod	C11	C15	C18	C22	C30	C37	C45	C55	C75	C90	

D	kW	110	132	160	200	225	250	280	315	355	400
Cod	D11	D13	D16	D20	D22	D25	D28	D31	D35	D40	

6 Sistema di tenuta

Esecuzione U	Tenuta meccanica singola
Esecuzione B	Tenuta a baderna senza flussaggio
Esecuzione S	Tenuta a baderna con flussaggio (solo in ingresso)
Esecuzione H	Camera di riscaldamento o raffreddamento
Esecuzione C	Tenuta meccanica doppia contrapposta
Esecuzione L	Tenuta meccanica doppia in tandem
Esecuzione A	Tenuta meccanica singola con bussola di fondo

6 Sealing system

U Arrangement	Single mechanical seal
B Arrangement	Gland packing without flushing
S Arrangement	Gland packing with flushing (inlet only)
H Arrangement	Heating or cooling chamber
C Arrangement	Double back to back mechanical seal
L Arrangement	Double tandem mechanical seal
A Arrangement	Single mechanical seal with throttle bushing

7 Codice tenuta meccanica primaria

Nota
Per esecuzioni B e S = 000
Per esecuzione K = 999
H dopo codice tenuta indica camera riscaldamento o raffreddamento corpo

7 Primary mechanical seal Code

Note
For B and S executions = 000
For K execution = 999
H after mechanical seal code means casing heating or cooling chamber

8 Codice componenti principali della pompa

Per maggiori dettagli vedere la tabella T-2177 Codifica materiali

8 Identification code for pump's parts

For more details see table T-2177 Materials code

9 Indice di revisione idraulica

9 Hydraulic release index

Dati tecnici
Technical features
Girante vortex
Vortex impeller

		Grandezze Size																
Descrizione Description	Unità di misura Unity of measurement	32-16	50-16	32-20	50-20	65-20	80-20	80-20S	50-25	80-25	100-25	125-25	80-31	125-31	150-31	150-35	200-35	250-35
Gruppo supporto Bearing housing group		GR1			GR2								GR3			GR4		
Girante Impeller																		
Passaggio sferico RC Max. sphere RC	mm	20	40	20	40	55	70	50	45	70	95	115	60	95	120	110	125	150
Momento di inerzia J ^(a) Moment of inertia J ^(a)	kgm²	5,6	5,6	19,4	19,4	19,4	19,4	38	35,4	59,9	59,9	59,9	163	218	320	378	378	378
Cassa stoppa Seal chumber																		
Diametro interno Internal Diameter	mm	55			68								80			100		
Diametro tenuta meccanica Mechanical seal diameter	mm	33			43								53			70		
Camera di raffreddamento Cooling jacket																		
Pressione massima Maximum pressure	bar	3			3								3			3		
Pressione di prova Maximum hydrostatic pressure	bar	4,5			4,5								4,5			4,5		
Connessioni Connections holes		G.1/4			G.3/8								G.3/8			G.3/8		
Supportazione standard Standard bearings																		
Lato pompa Pump side		6305			6307								6310			6313		
Lato motore Motor side		6305			3307								3310			3312		
Supportazione pesante 1 Heavy Duty Bearings 1																		
Lato pompa Pump side		6305			NJ307								NJ310			NJ313		
Lato motore Motor side		3305			2x7307								2x7310			2x7313		
Supportazione pesante 2 Heavy Duty Bearings 2																		
Lato pompa Pump side		NJ305			-								-			-		
Lato motore Motor side		2x7305			-								-			-		

(a) Dividi per 1.000 per ottenere il momento di inerzia J in kgm²
 Divide by 1.000 to obtain the moment of inertia J in kgm²

Per condizioni di lavoro diverse, consultate il nostro servizio tecnico commerciale.
 Please contact SR pumps representative for specific working condition.

Dati tecnici

Technical features

Girante vortex

Vortex impeller

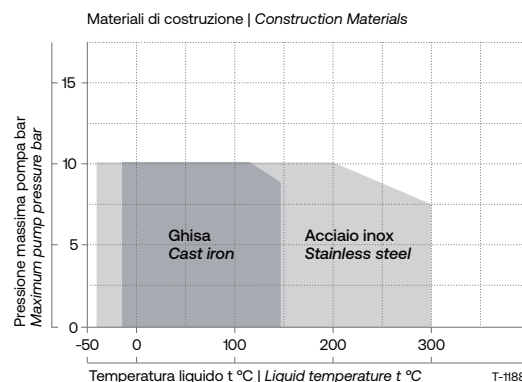
Limiti di pressione e di temperatura

Pressure and Temperature Limits

In presenza di rischi significativi di corrosione, i limiti di pressione potrebbero essere inferiori rispetto a quelli indicati.

Per applicazioni con requisiti di lavoro diversi, contattare il nostro servizio tecnico commerciale per valutare le condizioni operative ottimali.

If there is a considerable risk of corrosion, pressure limits could be lower than those displayed. Please contact SR technical service for applications with different working requirements, in order to define the best operational conditions.



Descrizione	Description	Codice materiale pompa Pumps material code							
		0	1	2	3	4	5	6	7
Corpo	Casing	GJL 250	GJL 250	GJL 250	CF8M (AISI 316)	GJL 250	CF3M (AISI 316L)	AISI 904L	SAF 2205
Coperchio del corpo	Casing cover	GJL 250	GJL 250	GJL 250	CF8M (AISI 316)	GJL 250	CF3M (AISI 316L)	AISI 904L	SAF 2205
Girante	Impeller	GJL250/GJS400	GJL250/GJS400	CF8M (AISI 316)	CF8M (AISI 316)	CF8M (AISI 316)	CF3M (AISI 316L)	AISI 904L	SAF 2205
Albero gruppo 1-2	Shaft group 1-2	AISI 316L	AISI 420	AISI 316L	AISI 316L	AISI 420	AISI 316L	AISI 316L ^(*)	AISI 316L ^(*)
Albero gruppo 3-4-5	Shaft group 3-4-5	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)
Albero monoblocco	Shaft close couple pump	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L ^(*)	AISI 316L ^(*)
Camicia albero	Shaft sleeve	AISI 316L	AISI 420	AISI 316L	AISI 316L	AISI 420	AISI 316L	AISI 904L	SAF2507
Piede sostegno	Support foot	S 235 JR	S 235 JR	S 235 JR	S 235 JR	S 235 JR	S 235 JR	S 235 JR	S 235 JR
Supporto	Bearing housing	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200
Lanterna	Lantern bracket	GJL200/GJL250/S 235 JR	GJL200/GJL250/S 235 JR	GJL200/GJL250/S 235 JR	GJL200/GJL250/S 235 JR	GJL200/GJL250/S 235 JR	GJL200/GJL250/S 235 JR	GJL200/GJL250/S 235 JR	GJL200/GJL250/S 235 JR
Coperchio tenuta singola	Single mechanical seal cover	GJL 250	GJL 250	GJL 250	AISI 316L	GJL 250	AISI 316L	AISI 904L	SAF 2507 SAF 2205
Coperchio tenuta doppia	Double mechanical seal cover	C40	C40	C40	AISI 316L	C40	AISI 316L	AISI 316L	AISI 316L
Ogiva girante	Impeller hub	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 904L	SAF 2205
Anello usura	Wear ring	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 904L	SAF 2205
Piastra usura	Wear plate	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 904L	SAF 2205

(*) Non in contatto con liquido pompato

(*) Not in contact with pumped liquid

Dati tecnici
Technical features
Girante vortex
Vortex impeller

Descrizione	Description	Codice materiale pompa Pumps material code							
		8	9	A	B	C	D	E	S
Corpo	Casing	SAF2507	HASTELLOY B	HASTELLOY C	CF3M (AISI 316L)	CF8M (AISI 316)	AISI 329	SANICRO 28	ON DEMAND
Coperchio del corpo	Casing cover	SAF2507	HASTELLOY B	HASTELLOY C	CF3M (AISI 316L)	CF8M (AISI 316)	AISI 329	SANICRO 28	ON DEMAND
Girante	Impeller	SAF2507	HASTELLOY B	HASTELLOY C	CF3M (AISI 316L)	CF8M (AISI 316)	AISI 329	SANICRO 28	ON DEMAND
Albero gruppo 1-2	Shaft group 1-2	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	ON DEMAND
Albero gruppo 3-4-5	Shaft group 3-4-5	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	C45 ^(*)	ON DEMAND
Albero monoblocco	Shaft close couple pump	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	AISI 316L ^(*)	ON DEMAND
Camicia albero	Shaft sleeve	SAF2507	HASTELLOY B	HASTELLOY C	AISI 304L	AISI 304	AISI 329	AISI 904L	ON DEMAND
Piede sostegno	Support foot	S 235 JR	S 235 JR	S 235 JR	S 235 JR	S 235 JR	S 235 JR	S 235 JR	ON DEMAND
Supporto	Bearing housing	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200	GJL 200
Lanterna	Lantern bracket	GJL200/ GJL250/ S 235 JR	GJL200/ GJL250/ S 235 JR	GJL200/ GJL250/ S 235 JR	GJL200/ GJL250/ S 235 JR	GJL200/ GJL250/ S 235 JR	GJL200/ GJL250/ S 235 JR	GJL200/ GJL250/ S 235 JR	GJL200/ GJL250/ S 235 JR
Coperchio tenuta singola	Single mechanical seal cover	SAF2507	HASTELLOY B	HASTELLOY C	CF8M (AISI 304)	CF8M (AISI 304)	AISI 329	AISI 904L SANICRO 28	ON DEMAND
Coperchio tenuta doppia	Double mechanical seal cover	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	ON DEMAND
Ogiva girante	Impeller hub	SAF2507	HASTELLOY B	HASTELLOY C	AISI 304L	AISI 304	AISI 329	AISI 904L	ON DEMAND
Anello usura	Wear ring	SAF2507	HASTELLOY B	HASTELLOY C	AISI 304L	AISI 304	AISI 329	SANICRO 28	ON DEMAND
Piastra usura	Wear plate	SAF2507	HASTELLOY B	HASTELLOY C	AISI 304L	AISI 304	AISI 329	SANICRO 28	ON DEMAND

(*) Non in contatto con liquido pompato

(*) Not in contact with pumped liquid

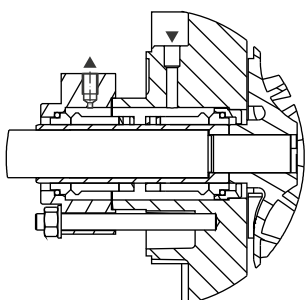
Dati tecnici

Technical features

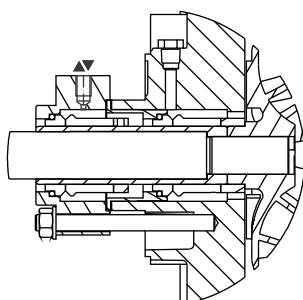
Girante vortex

Vortex impeller

Esecuzione C
C execution



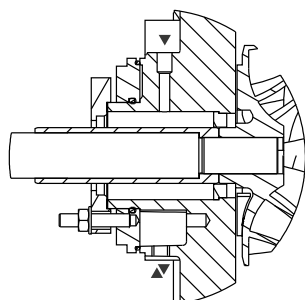
Esecuzione L
L execution



Flussaggio tenuta meccanica doppia esecuzione C - L
Double mechanical seal flushing C - L exec.

Supporto Bearing housing	Dia. ten. mecc. Mech. seal dia. (mm)	Portata flussaggio Flushing capacity (l/min)		P di flussaggio Flushing pressure (bar)	
		2900 rpm	1450 rpm	C	L
GR1	33	1,4	0,7	0,5 > p mandata 0,5 > discharge p	< 0.3
GR2	43	2	1		
GR3	53	3	1,5		
GR4	70	4	2		

Esecuzione H
H execution

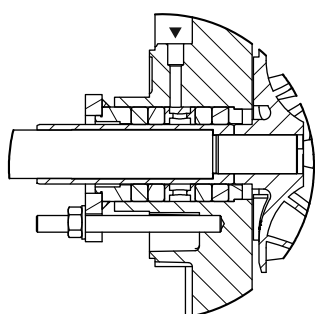


Flussaggio camera di raffreddamento esecuzione H
Cooling chamber flushing H execution

Q (m³/h)					
1					
0,8					
0,6					
0,4					
0,2					
	50	100	150	200	250
					300
					t(°C)

Supporto | Bearing housing 55 (GR 4)
Supporto | Bearing housing 50 (GR 3)
Supporto | Bearing housing 35 (GR 2)
Supporto | Bearing housing 25 (GR 1)

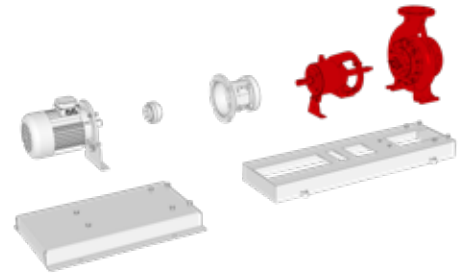
Esecuzione S
S execution



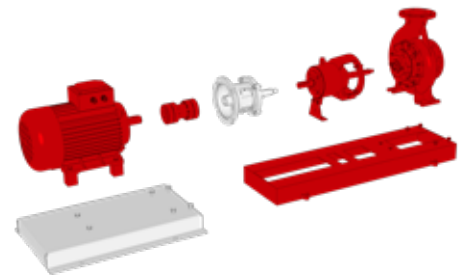
Flussaggio tenuta a baderna esecuzione S
Packing gland seal flushing S exec.

Supporto Bearing housing	Dia. ten. mecc. Mech. seal dia. (mm)	Portata flussaggio Flushing capacity (l/min)		P di flussaggio Flushing pressure (bar)	
		2900 rpm	1450 rpm	S	
GR1	33	1,4	0,7	0,5 > p mandata 0,5 > discharge p	
GR2	43	2	1		
GR3	53	3	1,5		
GR4	70	4	2		

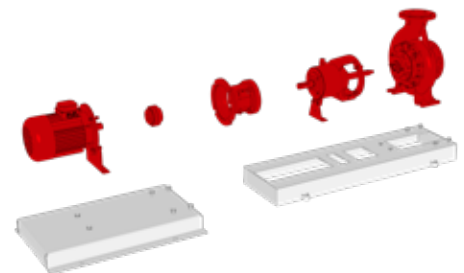
Asse nudo
Bare shaft



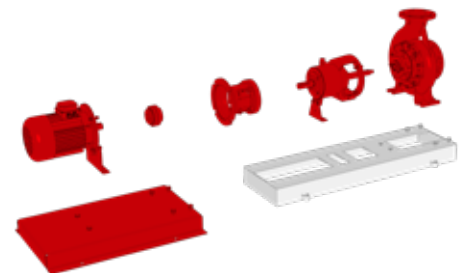
Asse nudo su base
Bare shaft on base



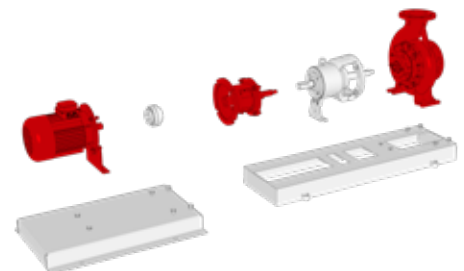
Lanternata
Lantern bracket



Lanternata su base
Lantern bracket on base



Monoblocco
Close-coupled

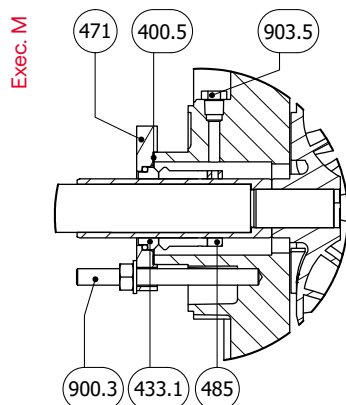


Parti in rosso usate per l'esecuzione
Red color parts used in the arrangement.

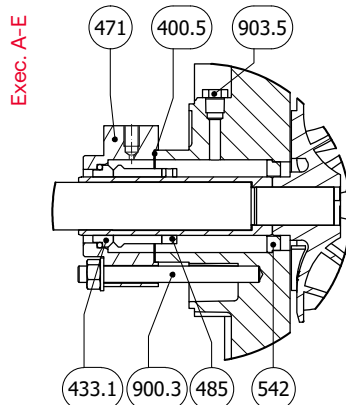
Dispositivi di tenuta e raffreddamento (o riscaldamento)
Sealing and cooling (or heating) device

Girante vortex
Vortex impeller

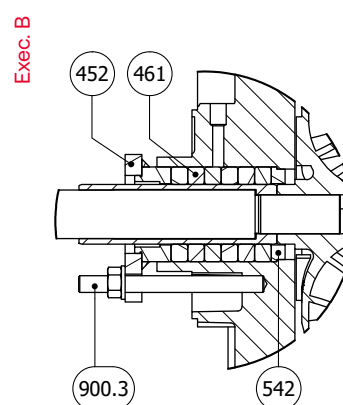
Tenuta meccanica singola
Single mechanical seal



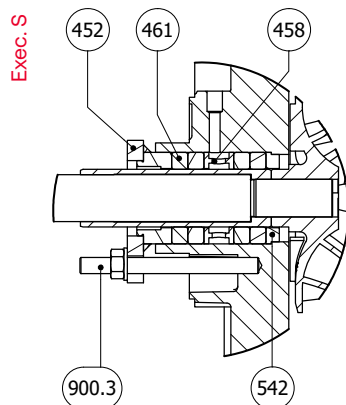
Singola flussata (con/senza bussola di fondo)
Single with flushing (with/without throttle-bush)



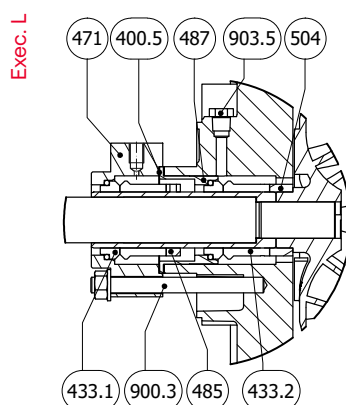
Tenuta a baderna
Packing gland



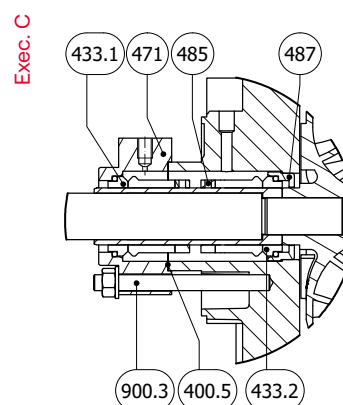
Tenuta a baderna flussata
Packing gland with flushing



Tenuta meccanica doppia in tandem
Double tandem mechanical seal



Tenuta meccanica doppia contrapposta
Double back to back mechanical seal



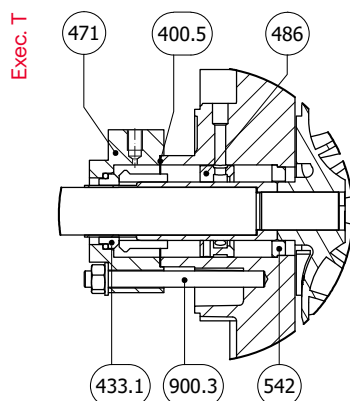
N.	Descrizione	Description
165	Coperchio camera di raffreddamento	Cooling chamber cover
400.5	Guarnizione piana	Seal plate gasket
412.1	O-ring	O-ring
412.9	O-ring	O-ring
433.1	Tenuta meccanica L.C.	Mechanical seal L.D.S.
433.2	Tenuta meccanica L.O.C.	Mechanical seal N.D.S.
433.4	Paraolio	Lipseal
433.5	Quench	Quench
452	Premitreccia	Packing gland
458	Anello idraulico	Lantern ring
461	Baderna	Packing ring

N.	Descrizione	Description
471	Coperchio tenuta meccanica	Seal chamber cover
471.2	Coperchio flangiato tenuta meccanica	Seal chamber cover flange
485	Anello arresto tenuta meccanica	Abutment ring
486	Pumping ring	Pumping ring
487	Anello sede tenuta meccanica	Seal seat ring
487.1	Anello sede paraolio	Lipseal seat ring
504	Distanziale	Spacer
542	Bussola di fondo	Bottom sleeve
900.3	Prigioniero con dado	Stud with nut
903.5	Tappo	Plug

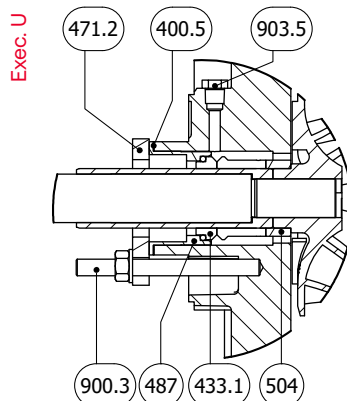
Dispositivi di raffreddamento (o riscaldamento) e di tenuta
Cooling (or heating) and sealing device

Girante vortex
Vortex impeller

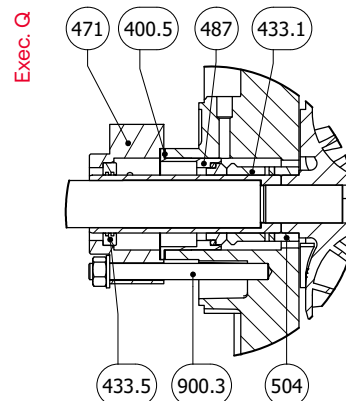
Singola con pumping ring
Single with pumping ring



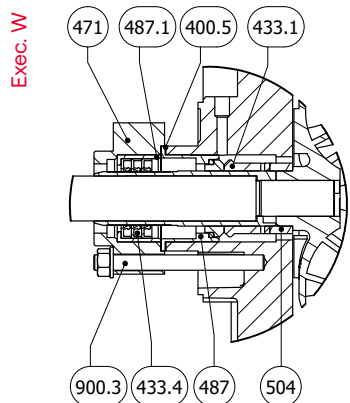
Singola ravvicinata
Single close to the impeller



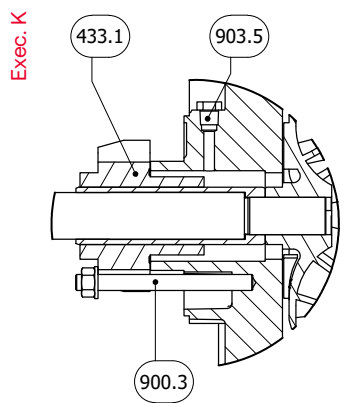
Singola con Quench
Single with Quench



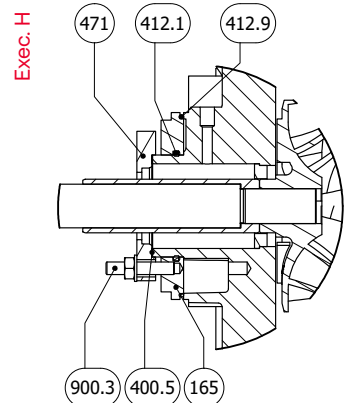
Singola con paraolio + grasso
Single with lipseal + grease



Tenuta a Cartuccia
Cartridge Seal



Camera riscaldamento/raffreddamento
Cooling/heating jacket



N.	Descrizione	Description
165	Coperchio camera di raffreddamento	Cooling chamber cover
400.5	Guarnizione piana	Seal plate gasket
412.1	O-ring	O-ring
412.9	O-ring	O-ring
433.1	Tenuta meccanica L.C.	Mechanical seal L.D.S.
433.2	Tenuta meccanica L.O.C.	Mechanical seal N.D.S.
433.4	Paraolio	Lipseal
433.5	Quench	Quench
452	Premitreccia	Packing gland
458	Anello idraulico	Lantern ring
461	Baderna	Packing ring

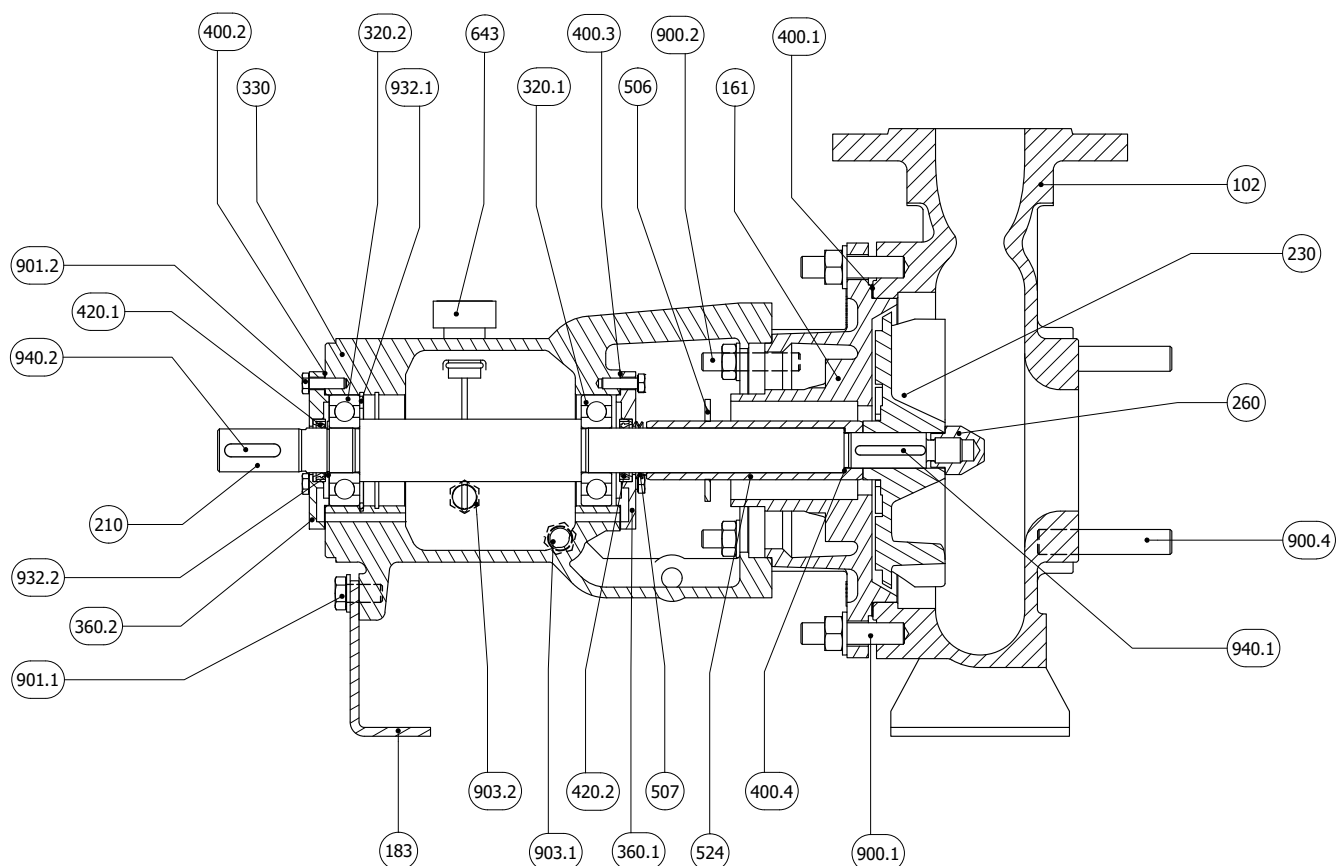
N.	Descrizione	Description
471	Coperchio tenuta meccanica	Seal chamber cover
471.2	Coperchio flangiato tenuta meccanica	Seal chamber cover flange
485	Anello arresto tenuta meccanica	Abutment ring
486	Pumping ring	Pumping ring
487	Anello sede tenuta meccanica	Seal seat ring
487.1	Anello sede paraolio	Lipseal seat ring
504	Distanziale	Spacer
542	Bussola di fondo	Bottom sleeve
900.3	Prigioniero con dado	Stud with nut
903.5	Tappo	Plug

Sezione con nomenclatura asse nudo
Bare shaft sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 32-16, 32-20, 50-16

Gruppo 1 | Group 1



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto L.C.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto L.O.C.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket

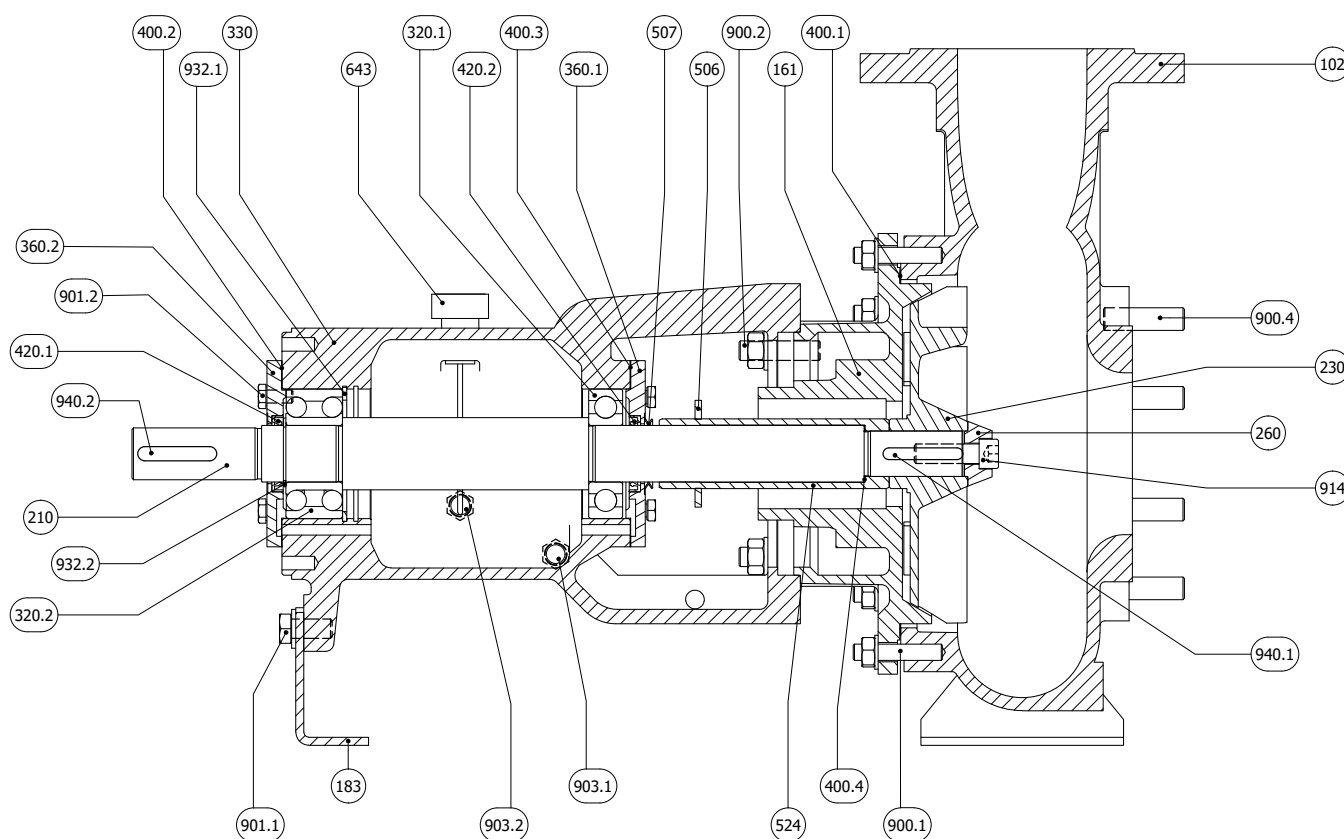
N.	Descrizione	Description
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.
506	Anello paraspruzzi	Deflector
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

Sezione con nomenclatura asse nudo
Bare shaft sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 50-20, 50-25, 65-20, 80-20

Gruppo 2 | Group 2



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto L.C.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto l.o.c.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.

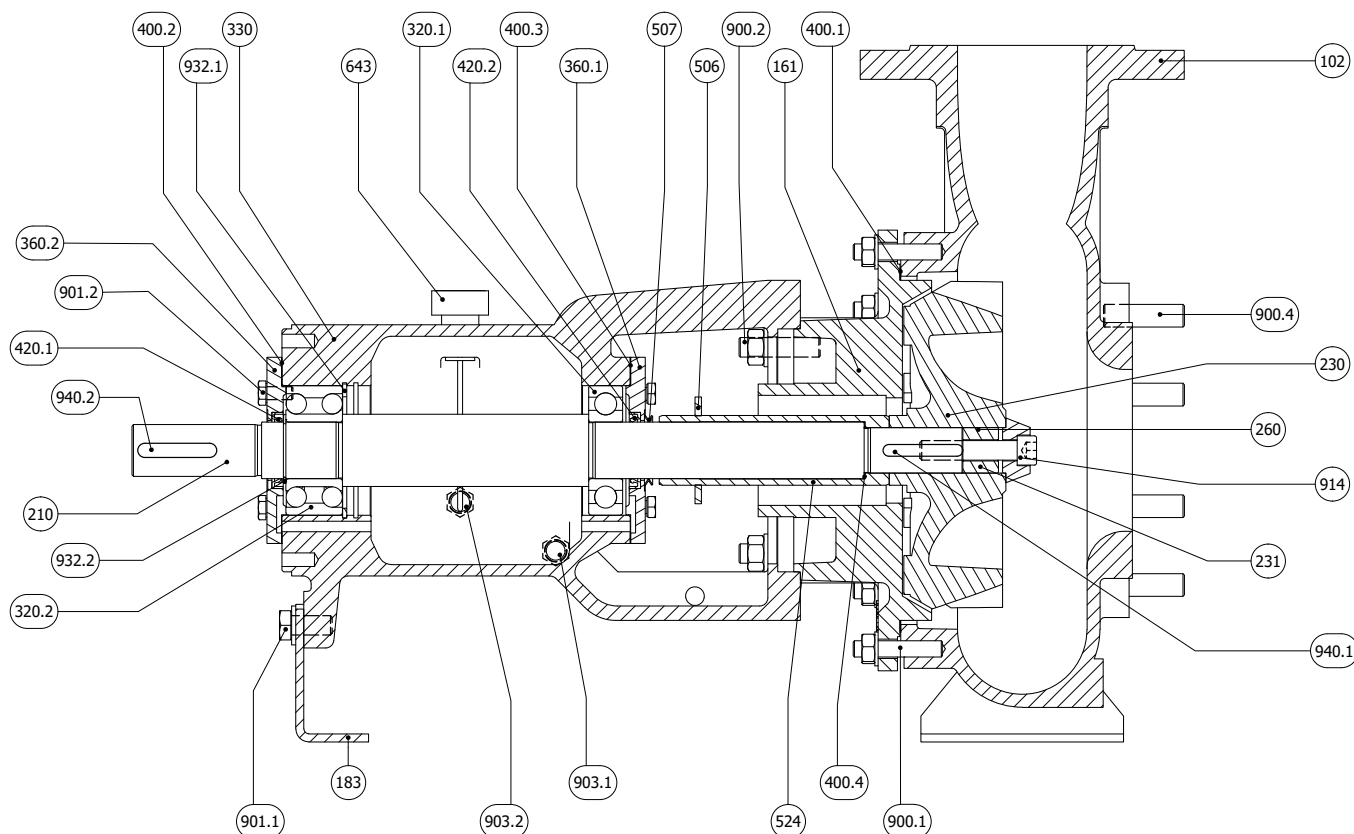
N.	Descrizione	Description
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.
506	Anello paraspruzzi	Deflector
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
914	Vite ogivale	Impeller hub screw
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

Sezione con nomenclatura asse nudo
Bare shaft sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 80-20S, 80-25, 100-25, 125-25

Gruppo 2 | Group 2



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
231	Distanziale girante	Impeller spacer
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto l.c.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto L.O.C.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket

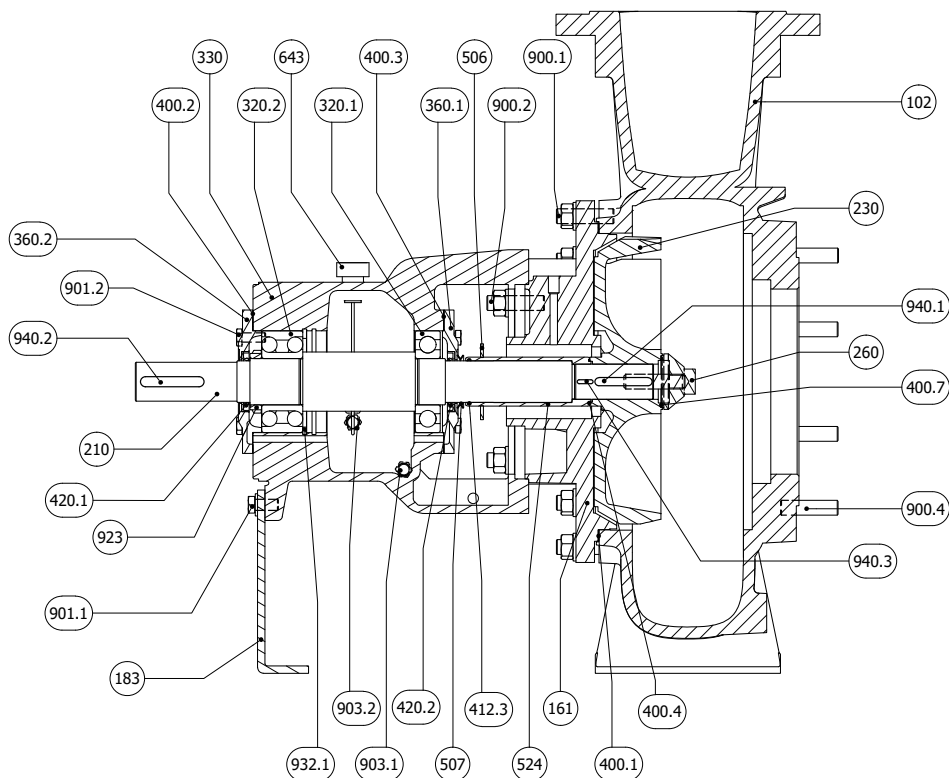
N.	Descrizione	Description
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.
506	Anello paraspruzzi	Deflector
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
914	Vite ogivale	Impeller hub screw
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

Sezione con nomenclatura asse nudo
Bare shaft sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 80-31, 125-31, 150-31

Gruppo 3 | Group 3



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto L.C.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto L.O.C.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket
400.7	Guarnizione ogiva	Hub gasket
412.3	O.ring camicia	O-ring shaft sleeve

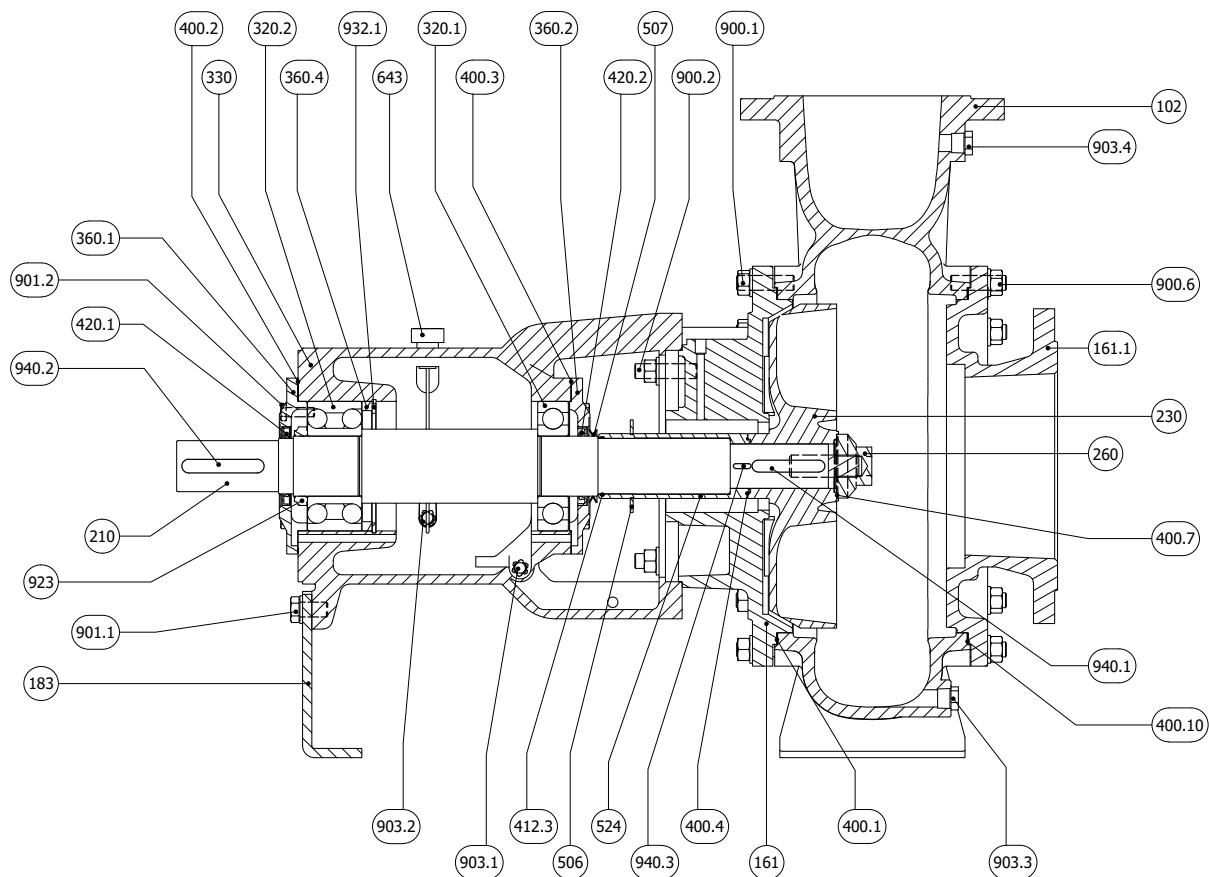
N.	Descrizione	Description
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.
506	Anello paraspruzzi	Deflector
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
923	Ghiera cuscinetto	Bearing nut
932.1	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key
940.3	Linguetta camicia	Sleeve key

Sezione con nomenclatura asse nudo
Bare shaft sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 150-35, 200-35, 250-35

Gruppo 4 | Group 4



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
161.1	Coperchio del corpo aspirante	Flange casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
360.1	Coperchio cuscinetto L.C.	Bearing cover D.S.
360.2	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto l.c.	Bearing cover gasketl D.S.
400.3	Guarnizione coperchio cuscinetto l.o.c.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket
400.7	Guarnizione ogiva	Hub gasket
400.10	Guarnizione coperchio aspirante	Flange casing cover gasket
412.3	O.ring camicia	O-ring shaft sleeve

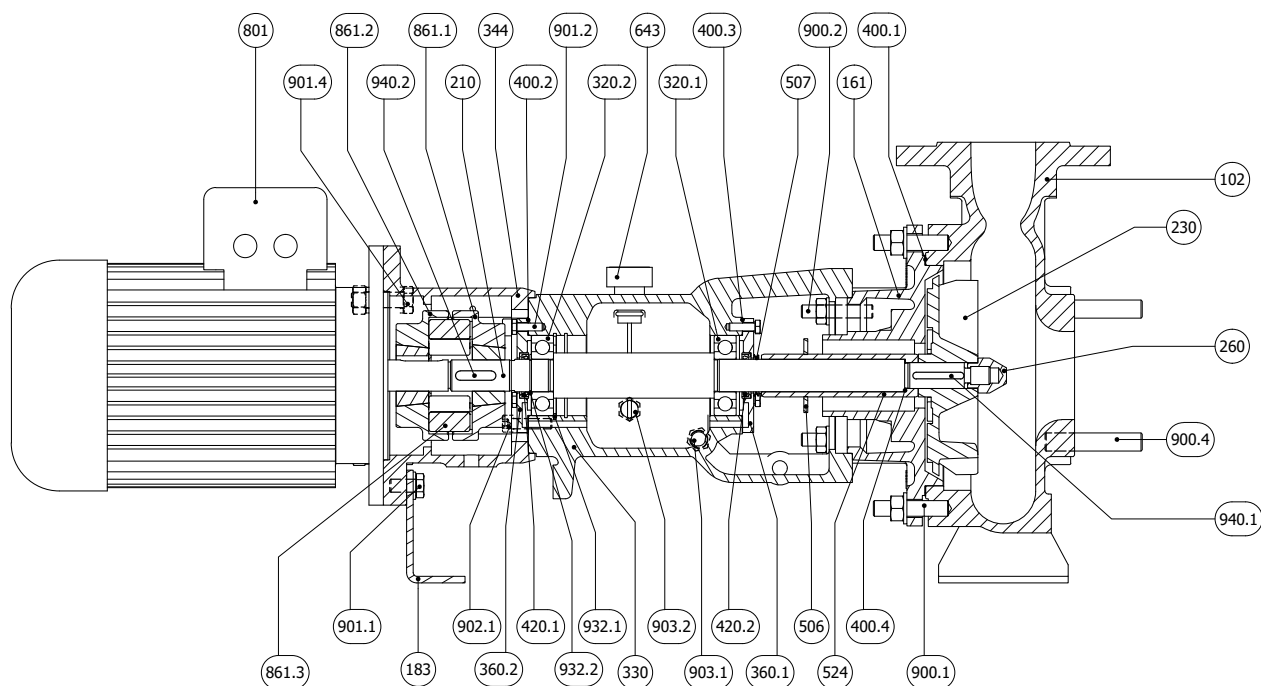
N.	Descrizione	Description
420.1	Anello di tenuta l.c.	Bearing cover seal D.S.
420.2	Anello di tenuta l.o.c.	Bearing cover seal N.D.S.
360.4	Distanziale cuscinetto	Ball bearing spacer
506	Anello paraspruzzi	Deflector
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.6	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
903.3	Tappo drenaggio	Drain plug
903.4	Tappo manometro	Manometer plug
923	Ghiera cuscinetto	Bearing nut
932.1	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key
940.3	Linguetta camicia	Sleeve key

Sezione con nomenclatura lanterna
Lantern bracket sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 32-16, 32-20, 50-16

Gruppo 1 | Group 1



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
344	Lanterna motore	Lantern bracket
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto L.C.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto L.O.C.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.
506	Anello paraspruzzi	Deflector

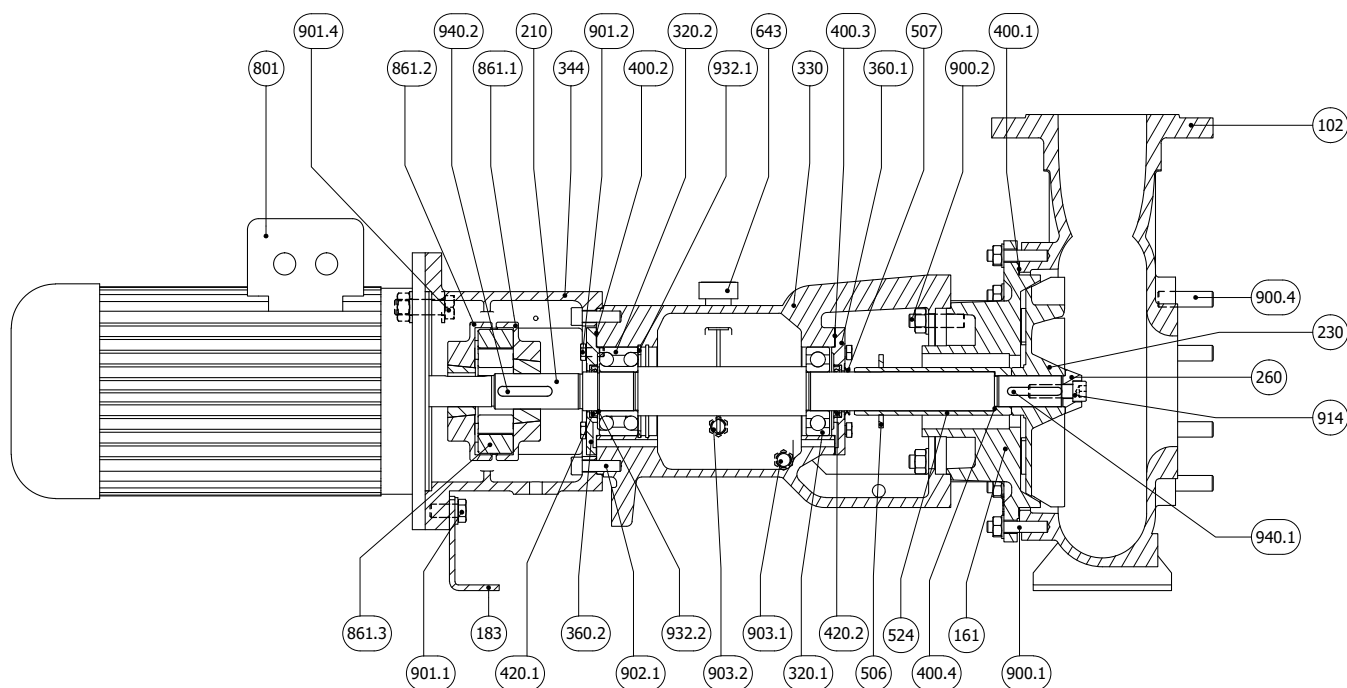
N.	Descrizione	Description
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
801	Motore elettrico	Electric motor
861.1	Semi giunto lato pompa	Half coupling pump side
861.2	Semi giunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling Elastomer
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
901.4	Vite T.E.	Hex head screw
902.1	Vite T.C.E.I.	Socket hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

Sezione con nomenclatura lanterna
Lantern bracket sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 50-20, 50-25, 65-20, 80-20

Gruppo 2 | Group 2



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
344	Lanterna motore	Lantern bracket
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto L.C.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto L.O.C.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.
506	Anello paraspruzzi	Deflector
507	V. Ring	V. Ring

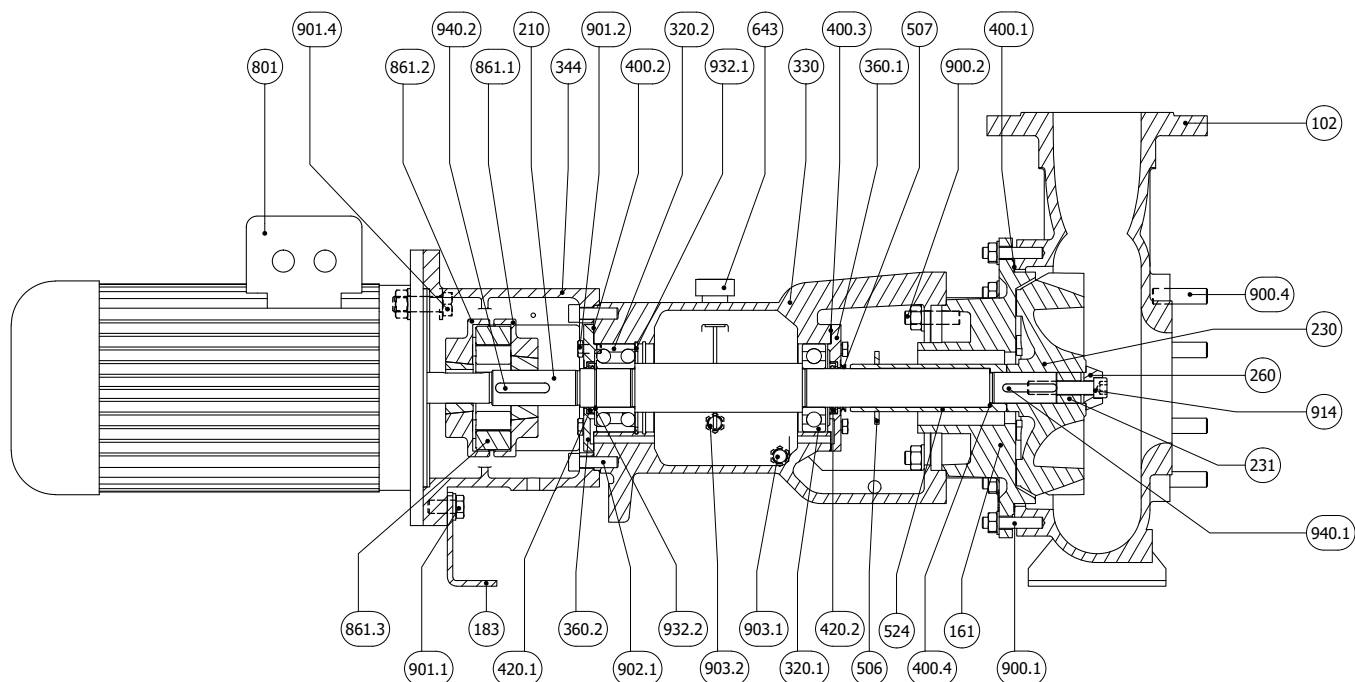
N.	Descrizione	Description
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
801	Motore elettrico	Electric motor
861.1	Semi giunto lato pompa	Half coupling pump side
861.2	Semi giunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling Elastomer
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
901.4	Vite T.E.	Hex head screw
902.1	Vite T.C.E.I.	Socket hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
914	Vite ogivale	Impeller hub screw
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

Sezione con nomenclatura lanterna
Lantern bracket sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 80-20S, 80-25, 100-25, 125-25

Gruppo 2 | Group 2



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
231	Distanziale girante	Impeller spacer
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
344	Lanterna motore	Lantern bracket
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto L.C.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto L.O.C.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.
506	Anello paraspruzzi	Deflector

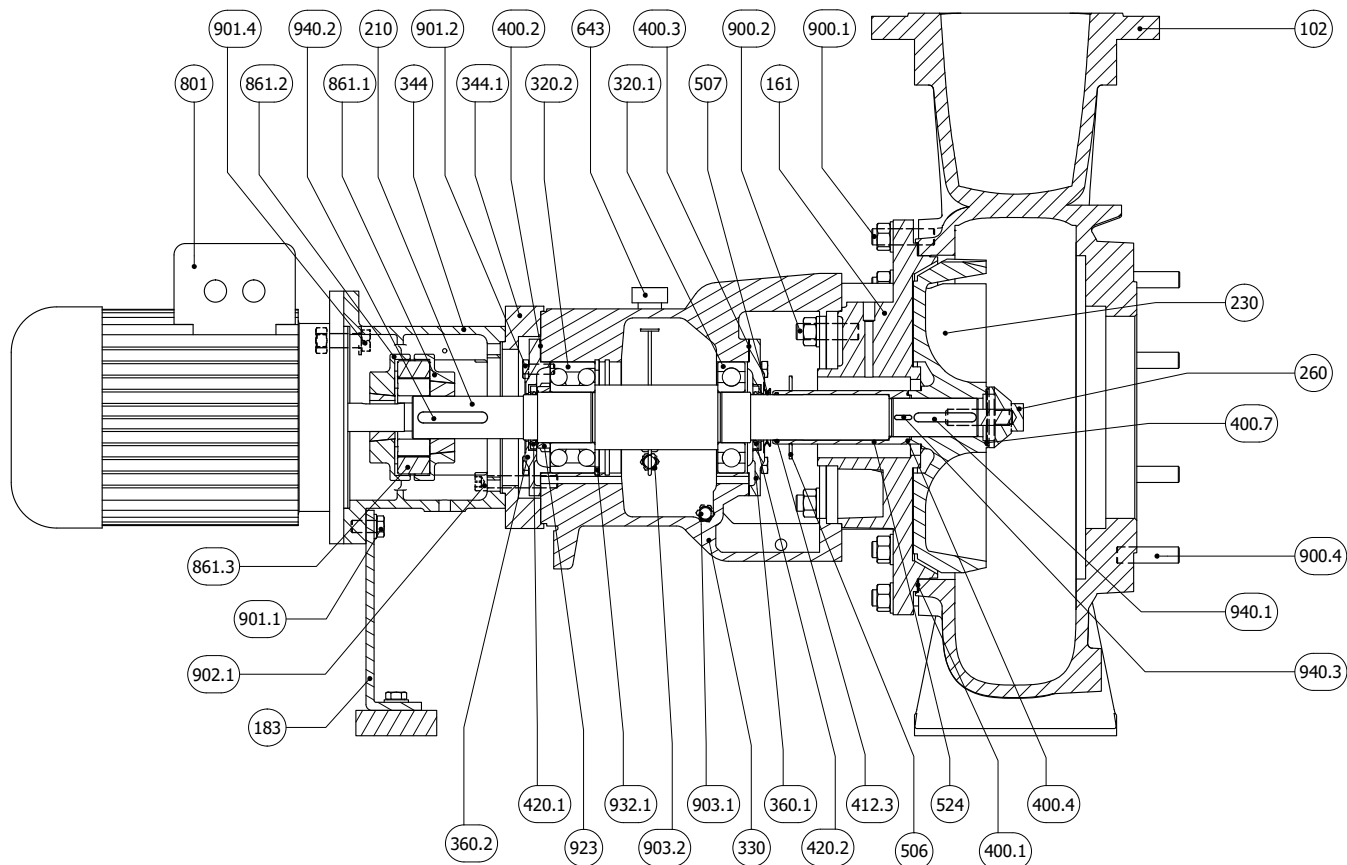
N.	Descrizione	Description
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
801	Motore elettrico	Electric motor
861.1	Semi giunto lato pompa	Half coupling pump side
861.2	Semi giunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling Elastomer
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
901.4	Vite T.E.	Hex head screw
902.1	Vite T.C.E.I.	Socket hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
914	Vite ogivale	Impeller hub screw
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

Sezione con nomenclatura lanterna
Lantern bracket sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 80-31, 125-31, 150-31

Gruppo 3 | Group 3



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
320.1	Cuscinetto a sfere L.O.C.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere L.C.	Ball bearing D.S.
330	Supporto	Bearing housing
344	Lanterna motore	Lantern bracket
344.1	Flangia di riduzione	Reduction flange
360.1	Coperchio cuscinetto L.O.C.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto L.C.	Bearing cover D.S.
400.1	Guarnizione del corpo	Casing gasket
400.2	Guarnizione coperchio cuscinetto l.c.	Bearing cover gasket D.S.
400.3	Guarnizione coperchio cuscinetto l.o.c.	Bearing cover gasket N.D.S.
400.4	Guarnizione camicia	Sleeve gasket
400.7	Guarnizione ogiva	Hub gasket
412.3	O-ring camicia	O-ring shaft sleeve
420.1	Anello di tenuta L.C.	Bearing cover seal D.S.
420.2	Anello di tenuta L.O.C.	Bearing cover seal N.D.S.

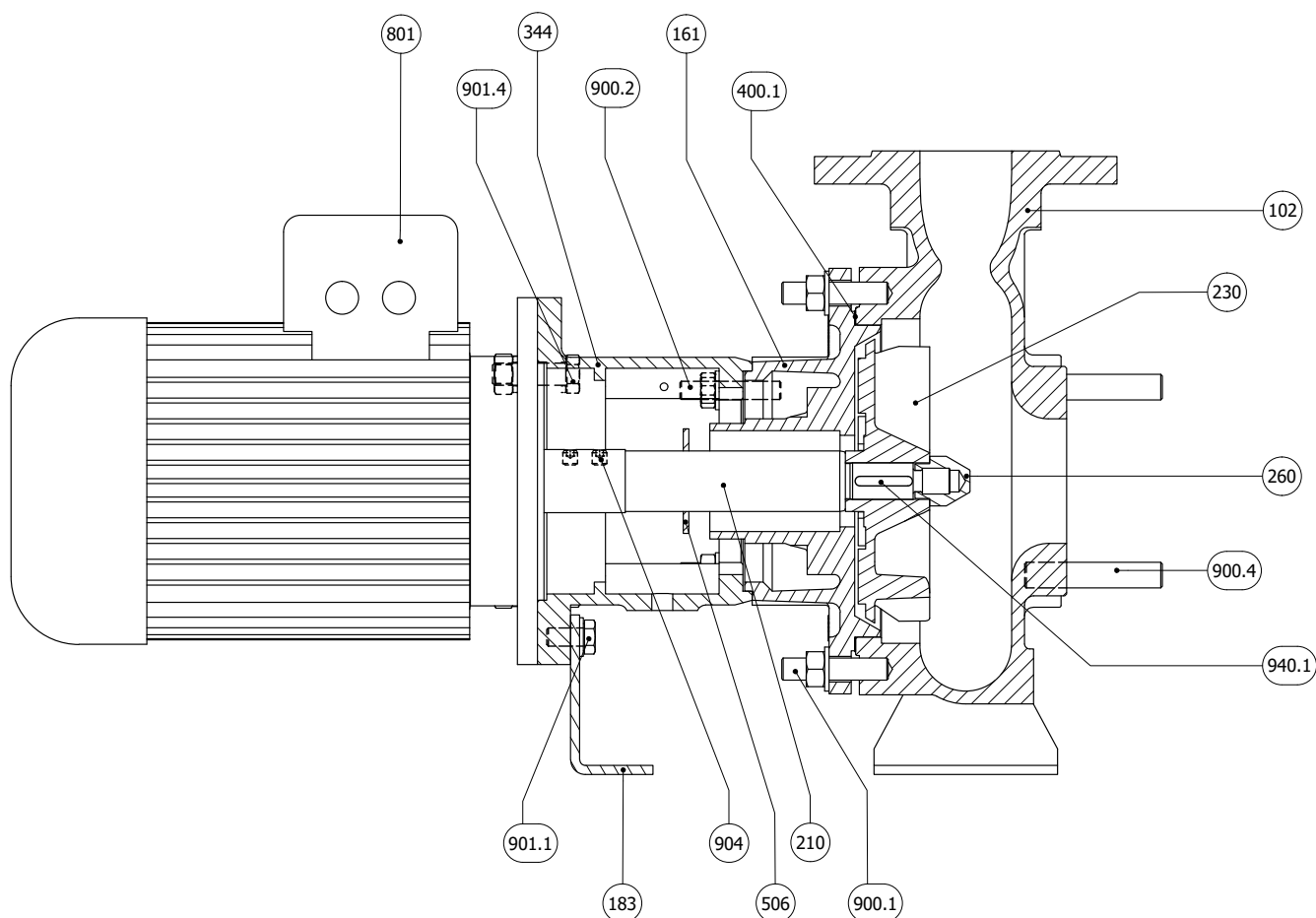
N.	Descrizione	Description
506	Anello paraspruzzi	Deflector
507	V. Ring	V. Ring
524	Camicia albero	Shaft sleeve
643	Tappo di sfiato con astina	Oil dipstick
801	Motore elettrico	Electric motor
861.1	Semi giunto lato pompa	Half coupling pump side
861.2	Semi giunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling Elastomer
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.2	Vite T.E.	Hex head screw
901.4	Vite T.E.	Hex head screw
902.1	Vite T.C.E.I.	Socket hex head screw
903.1	Tappo scarico olio	Oil drain plug
903.2	Tappo oliatore	Constant level oiler plug
923	Ghiera cuscinetto	Bearing nut
932.1	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key
940.3	Linguetta camicia	Sleeve key

Sezione con nomenclatura monoblocco
Close coupled sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 32-16, 32-20, 50-16

Gruppo 1 | Group 1



N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
344	Lanterna motore	Lantern bracket
400.1	Guarnizione del corpo	Casing gasket
506	Anello paraspruzzi	Deflector

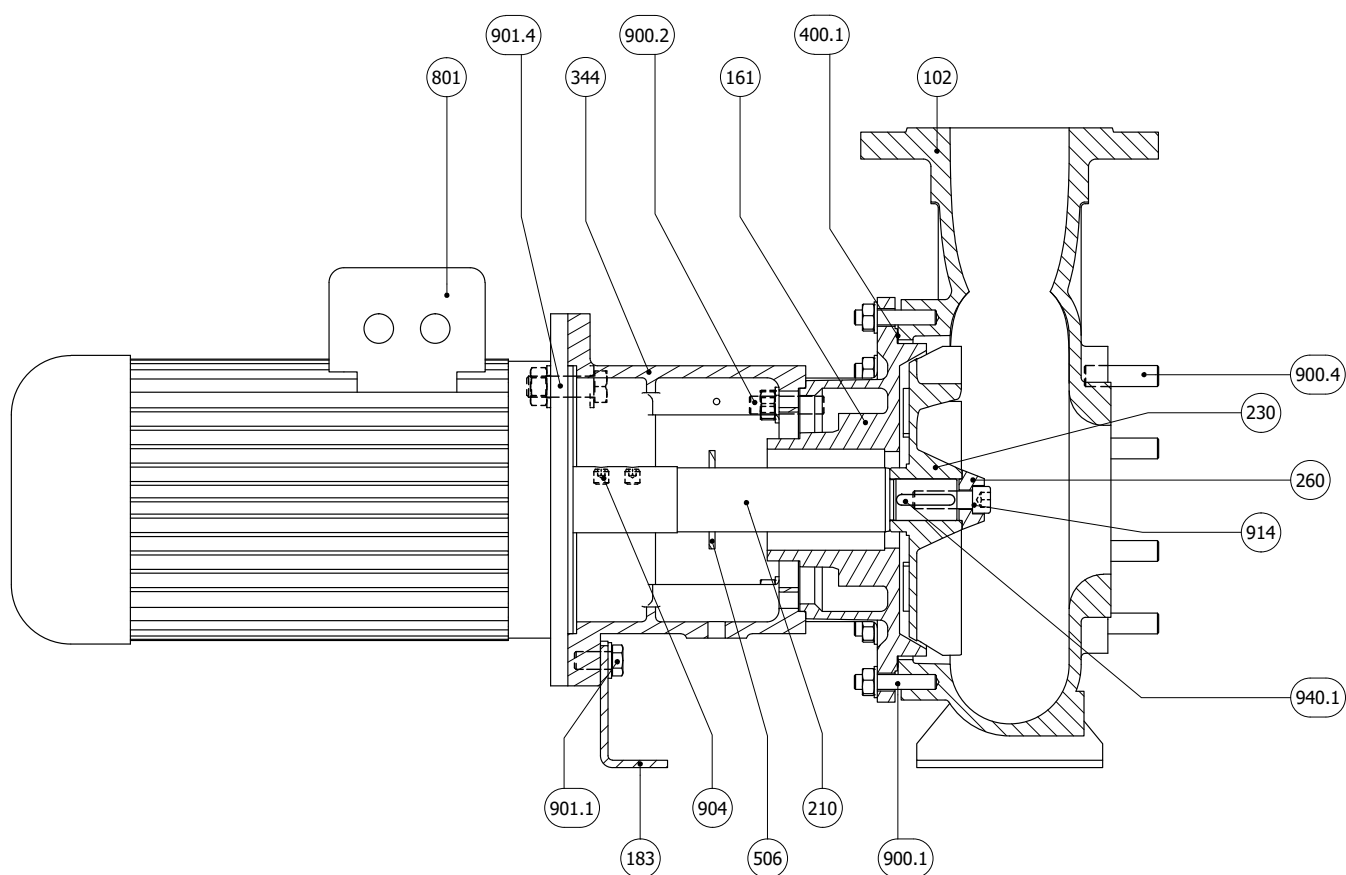
N.	Descrizione	Description
801	Motore elettrico	Electric motor
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.4	Vite T.E.	Hex head screw
904	Grano	Locking screw
940.1	Linguetta girante	Impeller key

Sezione con nomenclatura monoblocco
Close coupled sectional view and nomenclature

Girante vortex
Vortex impeller

Grandezze | Size: 50-20, 50-25, 65-20, 80-20, 80-20S, 80-25, 100-25, 125-25

Gruppo 2 | Group 2



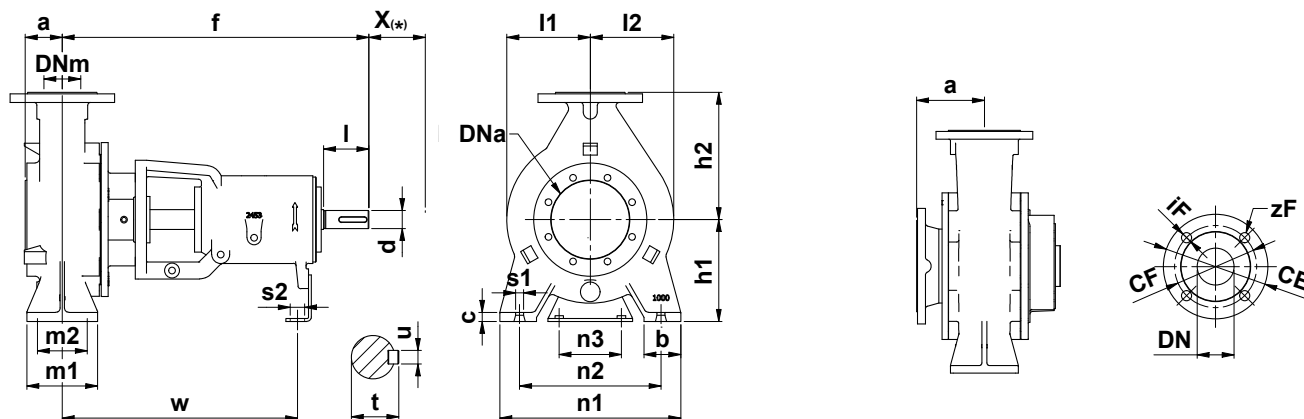
N.	Descrizione	Description
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
344	Lanterna motore	Lantern bracket
400.1	Guarnizione del corpo	Casing gasket
506	Anello paraspruzzi	Deflector

N.	Descrizione	Description
801	Motore elettrico	Electric motor
900.1	Prigioniero con dado	Stud with nut
900.2	Prigioniero con dado	Stud with nut
900.4	Prigioniero con dado	Stud with nut
901.1	Vite T.E.	Hex head screw
901.4	Vite T.E.	Hex head screw
904	Grano	Locking screw
914	Vite ogivale	Screw
940.1	Linguetta girante	Impeller key

Ingombri asse nudo
Bare shaft overall dimensions
Girante vortex
Vortex impeller

Grandezze | Size: 32-16, 32-20, 50-16, 50-20, 50-25, 65-20, 80-20, 80-20S, 80-25, 80-31, 100-25, 125-25, 125-31, 125-40, 150-31

Solo per grandezze | Only size:
150-35, 200-35, 250-35


Dimensioni Flange
Dimensions Flange EN1092-1/2 PN10

DN _a -DN _m	32	50	65	80	100	125	150	200	250	300
CF	100	125	145	160	180	210	240	295	350	400
DE	140	165	185	200	220	250	285	340	395	445
iF	18	18	18	18	18	18	22	23	23	23
zF	4	4	4	8	8	8	8	8	12	12

Pompa tipo Pump size	Gruppo Supporto Group Bearing Housing	Dimensioni Dimensions (mm)																					Peso Weight (kg)		
		DNa	DNm	a	f	h1	h2	b	c	m1	m2	n1	n2	n3	s1	s2	w	d	l	t	u	l1		l2	X(*)
32-16	GR1	50	32	48	418	132	160	50	14	100	70	240	190	110	14	14	317	24	50	27	8	114	114	100	33
32-20	GR1	50	32	48	417	160	180	50	14	100	70	240	190	110	14	14	318	24	50	27	8	135,5	135,5	100	39
50-16	GR1	65	50	55	427	160	180	50	14	100	70	265	212	110	14	14	327	24	50	27	8	121,5	121,5	100	36
50-20	GR2	65	50	55	532	160	200	50	14	100	70	265	212	110	14	14	405	32	80	35	10	141	141	100	51
50-25	GR2	65	50	55	534	180	225	65	14	125	95	320	250	110	14	14	408	32	80	35	10	175	175	100	59
65-20	GR2	80	65	66	542	180	225	65	16	125	95	320	250	110	14	14	416	32	80	35	10	150,5	150,5	140	58
80-20(S)	GR2	100	80	68	550	180	250	65	16	125	95	345	280	110	14	14	423	32	80	35	10	159	159	140	61
80-25	GR2	100	80	75	575	225	280	70	18	160	120	395	315	110	18	14	449	32	80	35	10	176	176	140	77
80-31	GR3	100	80	90	587	250	315	80	18	160	120	400	315	110	18	14	427	42	110	45	12	205	227	140	127
100-25	GR2	125	100	90	584	225	280	80	18	160	120	400	315	110	18	14	459	32	80	35	10	183	216	140	92
125-25	GR2	150	125	112	597	250	355	80	18	160	120	400	315	110	18	14	472	32	80	35	10	208	254	140	114
125-31	GR3	150	125	112	600	280	355	100	20	200	150	500	400	110	23	14	440	42	110	45	12	223	256	140	147
150-31	GR3	200	150	120	597	315	400	100	22	200	150	550	450	110	24	14	434	42	110	45	12	243	316	200	173
150-35	GR4	200	150	200	752	315	400	100	22	200	150	550	450	140	24	14	578	55	110	59	16	257	300	200	261
200-35	GR4	250	200	250	765	355	450	100	22	200	150	550	450	140	24	19	590	55	110	59	16	275	352	200	302
250-35	GR4	300	250	300	779	355	500	130	26	260	190	690	560	140	28	19	606	55	110	59	16	286	371	200	355

Quote e pesi possono variare senza preavviso
 Dimensions and weights can change without prior notice

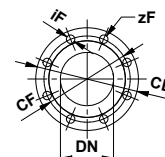
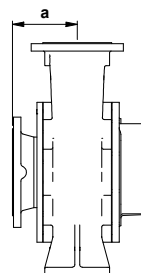
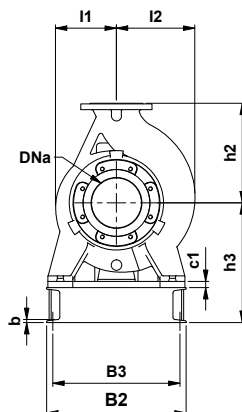
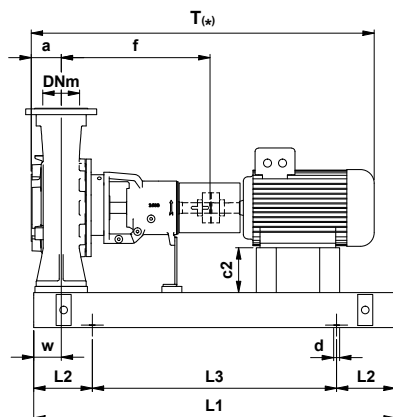
(*) Dimensione giunto spaziatore
 (*) Spacer coupling dimension

Ingombri su base con giunto standard
Overall dimensions on base with standard coupling

Girante vortex
Vortex impeller

Grandezze | Size: 32-16, 32-20, 50-16, 50-20, 50-25, 65-20, 80-20, 80-20S, 80-25, 80-31, 100-25, 125-25, 125-31, 150-31

Solo per grandezze | Only size:
150-35, 200-35, 250-35



Dimensioni Flange
Dimensions Flange EN1092-1/2 PN10

DNa-DNm	32	50	65	80	100	125	150	200	250	300
CF	100	125	145	160	180	210	240	295	350	400
DE	140	165	185	200	220	250	285	340	395	445
if	18	18	18	18	18	18	22	23	23	23
zf	4	4	4	8	8	8	8	8	12	12

Accoppiamento potenza – polarità/grandezza motore
Power – polarity/motor size coupling

Poli	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW
2	71	80	80	90S	90L	100L	112M	132S	132S	132M	160M	160M	160L	180M	200L	200L	225M	250M	280S	280M	315S	315M	-	-	-	-	-
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22	30	37	45	55	75	90	110	132	-	-	-	-	-
4	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315M	315L	355L	355L	355L
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22	30	37	45	55	75	90	110	132	160	200	250	315	355
6	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	200L	200L	225M	250M	280S	280M	315S	315M	315L	315L	-	-	-	-	-	-
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	18,5	22	30	37	45	55	75	90	110	132	-	-	-	-	-	-

Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																		Peso Weight (kg) ⁽¹⁾	
			Dna	Dnm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	l1	l2		T ⁽¹⁾
32-16	80	1	50	32	48	418	192	160	750	120	510	355	320	60	19	30	0	52	114	114	756	67
	90S	1	50	32	48	418	192	160	750	120	510	355	320	60	19	30	0	42	114	114	786,5	69
	90L	1	50	32	48	418	192	160	750	120	510	355	320	60	19	30	0	42	114	114	811	71
	100L	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	32	114	114	859	101
	112M	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	20	114	114	863	108
	132S	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	0	114	114	935	121
	132M	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	0	114	114	972	132
	160M	3	50	32	48	418	280	160	1200	205	790	450	410	60	19	30	28	0	114	114	1081	214
	160L	3	50	32	48	418	280	160	1200	205	790	450	410	60	19	30	28	0	114	114	1125	227

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri su base con giunto standard
Overall dimensions on base with standard coupling

Girante vortex
Vortex impeller

Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																		Peso Weight (kg) ₍₁₎	
			Dna	Dnm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	I1	I2		T ₍₁₎
32-20	80	1	50	32	48	417	220	180	750	120	510	355	320	60	19	30	0	80	135,5	135,5	755	73
	90S	1	50	32	48	417	220	180	750	120	510	355	320	60	19	30	0	70	135,5	135,5	785,5	75
	90L	1	50	32	48	417	220	180	750	120	510	355	320	60	19	30	0	70	135,5	135,5	810	77
	100L	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	60	135,5	135,5	858	107
	112M	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	48	135,5	135,5	862	114
	132S	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	28	135,5	135,5	934	127
	132M	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	28	135,5	135,5	971	138
	160M	3	50	32	48	417	280	180	1200	205	790	450	410	60	19	30	0	0	135,5	135,5	1080	221
	160L	3	50	32	48	417	280	180	1200	205	790	450	410	60	19	30	0	0	135,5	135,5	1124	234
50-16	90S	1	65	50	55	427	220	180	750	120	510	355	320	60	19	30	0	70	121,5	121,5	802,5	72
	90L	1	65	50	55	427	220	180	750	120	510	355	320	60	19	30	0	70	121,5	121,5	827	74
	100L	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	60	121,5	121,5	875	104
	112M	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	48	121,5	121,5	879	111
	132S	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	28	121,5	121,5	951	124
	132M	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	28	121,5	121,5	988	135
	160M	3	65	50	55	427	280	180	1200	205	790	450	410	60	19	30	0	0	121,5	121,5	1097	218
	160L	3	65	50	55	427	280	180	1200	205	790	450	410	60	19	30	0	0	121,5	121,5	1141	231
50-20	100L	2	65	50	55	532	280	200	1000	170	660	400	360	60	19	30	0	60	141	141	980	119
	112M	2	65	50	55	532	280	200	1000	170	660	400	360	60	19	30	0	48	141	141	984	126
	132S	2	65	50	55	532	280	200	1000	170	660	400	360	60	19	30	0	28	141	141	1056	139
	132M	2	65	50	55	532	280	200	1000	170	660	400	360	60	19	30	0	28	141	141	1093	150
	160M	3	65	50	55	532	280	200	1200	205	790	450	410	60	19	30	0	0	141	141	1202	233
	160L	3	65	50	55	532	280	200	1200	205	790	450	410	60	19	30	0	0	141	141	1246	246
	180M	3	65	50	55	532	300	200	1200	205	790	450	410	60	19	30	20	0	141	141	1222	291
	180L	3	65	50	55	532	300	200	1200	205	790	450	410	60	19	30	20	0	141	141	1300	311
50-25	90S	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	90	175	175	909,5	117
	90L	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	90	175	175	934	119
	100L	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	80	175	175	982	127
	112M	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	68	175	175	986	134
	132S	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	48	175	175	1058	147
	132M	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	48	175	175	1095	158
	160M	3	65	50	55	534	300	225	1200	205	790	450	410	75	19	30	0	20	175	175	1204	241
	160L	3	65	50	55	534	300	225	1200	205	790	450	410	75	19	30	0	20	175	175	1248	254
65-20	100L	2	80	65	66	542	300	225	1000	170	660	400	360	75	19	30	0	80	150,5	150,5	1001	126
	112M	2	80	65	66	542	300	225	1000	170	660	400	360	75	19	30	0	68	150,5	150,5	1005	133
	132S	2	80	65	66	542	300	225	1000	170	660	400	360	75	19	30	0	48	150,5	150,5	1077	146
	132M	2	80	65	66	542	300	225	1000	170	660	400	360	75	19	30	0	48	150,5	150,5	1114	157
	160M	3	80	65	66	542	300	225	1200	205	790	450	410	75	19	30	0	20	150,5	150,5	1223	240
	160L	3	80	65	66	542	300	225	1200	205	790	450	410	75	19	30	0	20	150,5	150,5	1267	253
	200L	4	80	65	66	542	320	225	1500	245	1010	480	440	75	19	30	20	0	150,5	150,5	1374	391
80-20(S)	100L	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	80	159	159	1013	139
	112M	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	68	159	159	1017	146
	132S	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	48	159	159	1089	159
	132M	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	48	159	159	1126	170

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri su base con giunto standard
Overall dimensions on base with standard coupling

Girante vortex
Vortex impeller

Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																		Peso Weight (kg) ₍₁₎	
			Dna	Dnm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	I1	I2		T ₍₁₎
80-25	112M	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	113	176	176	1047	163
	132S	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	93	176	176	1119	176
	132M	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	93	176	176	1156	187
	160M	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	65	176	176	1265	259
	160L	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	65	176	176	1309	272
	180M	6	100	80	75	575	390	280	1300	215	870	510	460	90	24	13	25	70	176	176	1285	319
	180L	6	100	80	75	575	390	280	1300	215	870	510	460	90	24	13	25	70	176	176	1363	339
80-31	132S	5	100	80	90	587	370	315	1200	205	790	505	465	90	19	30	0	118	205	227	1146	226
	132M	5	100	80	90	587	370	315	1200	205	790	505	465	90	19	30	0	118	205	227	1183	237
	160M	5	100	80	90	587	370	315	1200	205	790	505	465	90	19	30	0	90	205	227	1292	309
	160L	5	100	80	90	587	370	315	1200	205	790	505	465	90	19	30	0	90	205	227	1336	322
	180M	6	100	80	90	587	415	315	1300	215	870	510	460	90	24	13	25	95	205	227	1312	369
	180L	6	100	80	90	587	415	315	1300	215	870	510	460	90	24	13	25	95	205	227	1390	389
	200L	6	100	80	90	587	415	315	1300	215	870	510	460	90	24	13	25	75	205	227	1443	452
	225S	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	50	205	227	1478	504
	225M	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	50	205	227	1503	546
	250M	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	25	205	227	1565	663
100-25	132S	5	125	100	90	584	345	280	1200	205	790	505	465	90	19	30	0	93	183	216	1143	191
	132M	5	125	100	90	584	345	280	1200	205	790	505	465	90	19	30	0	93	183	216	1180	202
	160M	5	125	100	90	584	345	280	1200	205	790	505	465	90	19	30	0	65	183	216	1289	274
	160L	5	125	100	90	584	345	280	1200	205	790	505	465	90	19	30	0	65	183	216	1333	287
	180M	6	125	100	90	584	390	280	1300	215	870	510	460	90	24	13	25	70	183	216	1309	334
	180L	6	125	100	90	584	390	280	1300	215	870	510	460	90	24	13	25	70	183	216	1387	354
	200L	6	125	100	90	584	390	280	1300	215	870	510	460	90	24	13	25	50	183	216	1440	417
125-25	132S	5	150	125	112	597	370	355	1200	205	790	505	465	90	19	30	0	118	208	254	1178	213
	132M	5	150	125	112	597	370	355	1200	205	790	505	465	90	19	30	0	118	208	254	1215	224
	160M	5	150	125	112	597	370	355	1200	205	790	505	465	90	19	30	0	90	208	254	1324	296
	160L	5	150	125	112	597	370	355	1200	205	790	505	465	90	19	30	0	90	208	254	1368	309
	180M	6	150	125	112	597	415	355	1300	215	870	510	460	90	24	13	25	95	208	254	1344	356
	180L	6	150	125	112	597	415	355	1300	215	870	510	460	90	24	13	25	95	208	254	1422	376
	200L	6	150	125	112	597	415	355	1300	215	870	510	460	90	24	13	25	75	208	254	1475	439
125-31	132M	6	150	125	112	600	445	355	1300	215	870	510	460	110	24	13	25	173	223	256	1218	259
	160M	6	150	125	112	600	445	355	1300	215	870	510	460	110	24	13	25	145	223	256	1327	331
	160L	6	150	125	112	600	445	355	1300	215	870	510	460	110	24	13	25	145	223	256	1371	344
	180M	6	150	125	112	600	445	355	1300	215	870	510	460	110	24	13	25	125	223	256	1347	389
	180L	6	150	125	112	600	445	355	1300	215	870	510	460	110	24	13	25	125	223	256	1425	409
	200L	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	105	223	256	1478	480
	225S	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	80	223	256	1513	525
	225M	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	80	223	256	1538	567
	250M	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	55	223	256	1600	684
	280S	9	150	125	112	600	485	355	1900	260	1380	610	560	110	26	15	25	25	223	256	1740	871

Quote e pesi possono variare senza preavviso
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(*) Length and weight may vary, it depends by the motor brand

Ingombri su base con giunto standard
Overall dimensions on base with standard coupling

Girante vortex
Vortex impeller

Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																			Peso Weight (kg) ₍₁₎
			Dna	Dnm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	I1	I2	T ₍₁₎	
150-31	160M	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	180	243	316	1332	364
	160L	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	180	243	316	1376	377
	180M	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	160	243	316	1352	422
	180L	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	160	243	316	1430	442
	200L	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	140	243	316	1483	505
	225S	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	115	243	316	1518	550
	225M	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	115	243	316	1543	592
	250M	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	90	243	316	1605	709
	280S	8	200	150	120	597	480	400	1590	235	1120	560	510	110	24	13	25	60	243	316	1745	860
	280M	8	200	150	120	597	480	400	1590	235	1120	560	510	110	24	13	25	60	243	316	1795	913
315S	10	200	150	120	597	520	400	2000	260	1480	710	660	110	26	15	25	25	243	316	1910	1165	
150-35	180L	7	200	150	200	752	480	400	1450	235	980	560	510	110	24	13	25	160	257	300	1665	530
	200L	8	200	150	200	752	480	400	1590	235	1120	560	510	110	24	13	25	140	257	300	1718	597
	225S	8	200	150	200	752	480	400	1590	235	1120	560	510	110	24	13	25	115	257	300	1753	642
	225M	8	200	150	200	752	480	400	1590	235	1120	560	510	110	24	13	25	115	257	300	1778	684
	250M	8	200	150	200	752	480	400	1590	235	1120	560	510	110	24	13	25	90	257	300	1840	801
	280S	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	60	257	300	1980	985
	280M	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	60	257	300	2030	1038
	315S	10	200	150	200	752	520	400	2000	260	1480	710	660	110	26	15	25	25	257	300	2145	1240
	315M	10	200	150	200	752	520	400	2000	260	1480	710	660	110	26	15	25	25	257	300	2283	1495
200-35	200L	8	250	200	250	765	520	450	1590	235	1120	560	510	110	24	13	25	180	275	352	1781	638
	225S	8	250	200	250	765	520	450	1590	235	1120	560	510	110	24	13	25	155	275	352	1816	683
	225M	8	250	200	250	765	520	450	1590	235	1120	560	510	110	24	13	25	155	275	352	1841	725
	250M	8	250	200	250	765	520	450	1590	235	1120	560	510	110	24	13	25	130	275	352	1903	842
	280S	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	100	275	352	2043	1026
	280M	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	100	275	352	2093	1079
	315S	10	250	200	250	765	560	450	2000	260	1480	710	660	110	26	15	25	65	275	352	2208	1295
	315M	10	250	200	250	765	560	450	2000	260	1480	710	660	110	26	15	25	65	275	352	2346	1550
250-35	200L	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	180	286	371	1845	742
	225S	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	155	286	371	1880	787
	225M	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	155	286	371	1905	829
	250M	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	130	286	371	1967	946
	280S	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	100	286	371	2107	1093
	280M	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	100	286	371	2157	1146
	315S	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	65	286	371	2272	1348
	315M	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	65	286	371	2410	1603
	315L	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	65	286	371	2410	1658
355L	11	300	250	300	779	600	500	2300	350	1600	820	750	140	30	18	25	25	286	371	2643	2407	

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

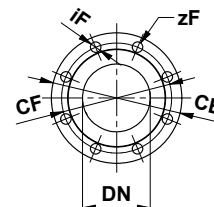
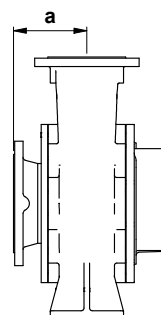
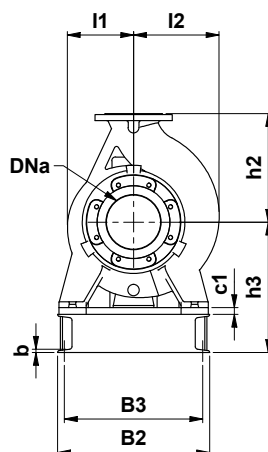
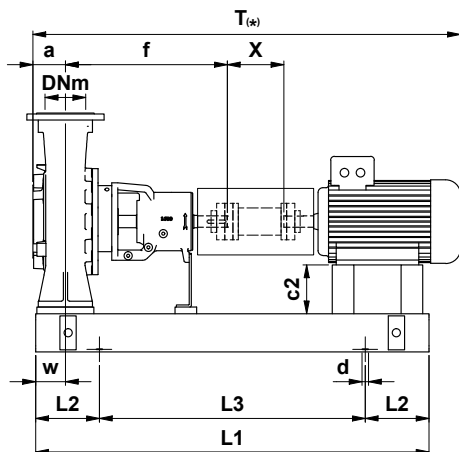
(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri su base con giunto spaziatore
Overall dimensions on base with spacer coupling

Girante vortex
Vortex impeller

Grandezze | Size: 32-16, 32-20, 50-16, 50-20, 50-25, 65-20, 80-20, 80-20S, 80-25, 80-31, 100-25, 125-25, 125-31, 150-31

Solo per grandezze | Only size:
150-35, 200-35, 250-35



Lunghezza giunto spaziatore
Spacer coupling lenght

Pompa tipo Pump size	32-16	32-20	50-16	50-20	50-25	65-20	80-20	80-25	80-31	100-25	125-25	125-31	150-31	150-35	200-35	250-35
Gruppo supporto (mm) Bearing housing group (mm)	GR1	GR1	GR1	GR2	GR2	GR2	GR2	GR2	GR3	GR2	GR2	GR3	GR3	GR4	GR4	GR4
X	100	100	100	100	100	140	140	140	140	140	140	140	200	200	200	200

Dimensioni Flange
Dimensions Flange EN1092-1/2 PN10

DNa-DNm	32	50	65	80	100	125	150	200	250	300
CF	100	125	145	160	180	210	240	295	350	400
DE	140	165	185	200	220	250	285	340	395	445
iF	18	18	18	18	18	18	22	23	23	23
zF	4	4	4	8	8	8	8	8	12	12

Accoppiamento potenza – polarità/grandezza motore
Power – polarity/motor size coupling

Poli	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW
2	71	80	80	90S	90L	100L	112M	132S	132M	132M	160M	160M	160L	180M	200L	200L	225M	250M	280S	280M	315S	315M	-	-	-	-	-	-
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22	30	37	45	55	75	90	110	132	-	-	-	-	-	-
4	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315M	315L	355L	355L	355L	355L
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22	30	37	45	55	75	90	110	132	160	200	250	315	355	355
6	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	200L	200L	225M	250M	280S	280M	315S	315M	315L	315L	-	-	-	-	-	-	-
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	18,5	22	30	37	45	55	75	90	110	132	-	-	-	-	-	-	-

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri su base con giunto spaziatore
Overall dimensions on base with spacer coupling

Girante vortex
Vortex impeller

Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																			Peso Weight (kg) ^(*)
			Dna	Dnm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	l1	l2	T _(*)	
32-16	80	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	52	114	114	856	89
	90S	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	42	114	114	886,5	91
	90L	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	42	114	114	911	93
	100L	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	32	114	114	959	101
	112M	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	20	114	114	963	108
	132S	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	0	114	114	1035	121
	132M	2	50	32	48	418	252	160	1000	170	660	400	360	60	19	30	0	0	114	114	1072	132
	160M	3	50	32	48	418	280	160	1200	205	790	450	410	60	19	30	28	0	114	114	1181	214
	160L	3	50	32	48	418	280	160	1200	205	790	450	410	60	19	30	28	0	114	114	1225	227
32-20	80	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	80	135,5	135,5	855	95
	90S	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	70	135,5	135,5	885,5	97
	90L	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	70	135,5	135,5	910	99
	100L	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	60	135,5	135,5	958	107
	112M	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	48	135,5	135,5	962	114
	132S	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	28	135,5	135,5	1034	127
	132M	2	50	32	48	417	280	180	1000	170	660	400	360	60	19	30	0	28	135,5	135,5	1071	138
	160M	3	50	32	48	417	280	180	1200	205	790	450	410	60	19	30	0	0	135,5	135,5	1180	221
	160L	3	50	32	48	417	280	180	1200	205	790	450	410	60	19	30	0	0	135,5	135,5	1224	234
50-16	90S	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	70	121,5	121,5	902,5	94
	90L	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	70	121,5	121,5	927	96
	100L	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	60	121,5	121,5	975	104
	112M	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	48	121,5	121,5	979	111
	132S	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	28	121,5	121,5	1051	124
	132M	2	65	50	55	427	280	180	1000	170	660	400	360	60	19	30	0	28	121,5	121,5	1088	135
	160M	3	65	50	55	427	280	180	1200	205	790	450	410	60	19	30	0	0	121,5	121,5	1197	218
	160L	3	65	50	55	427	280	180	1200	205	790	450	410	60	19	30	0	0	121,5	121,5	1241	231
50-20	100L	2	65	50	55	532	280	200	1000	170	660	400	360	60	19	30	0	60	141	141	1080	119
	112M	2	65	50	55	532	280	200	1000	170	660	400	360	60	19	30	0	48	141	141	1084	126
	132S	3	65	50	55	532	280	200	1200	205	790	450	410	60	19	30	0	28	141	141	1156	150
	132M	3	65	50	55	532	280	200	1200	205	790	450	410	60	19	30	0	28	141	141	1193	161
	160M	3	65	50	55	532	280	200	1200	205	790	450	410	60	19	30	0	0	141	141	1302	233
	160L	3	65	50	55	532	280	200	1200	205	790	450	410	60	19	30	0	0	141	141	1346	246
	180M	4	65	50	55	532	300	200	1500	245	1010	480	440	60	19	30	20	0	141	141	1322	301
	180L	4	65	50	55	532	300	200	1500	245	1010	480	440	60	19	30	20	0	141	141	1400	321
50-25	90S	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	90	175	175	1009,5	117
	90L	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	90	175	175	1034	119
	100L	2	65	50	55	534	300	225	1000	170	660	400	360	75	19	30	0	80	175	175	1082	127
	112M	3	65	50	55	534	300	225	1200	205	790	450	410	75	19	30	0	68	175	175	1086	145
	132S	3	65	50	55	534	300	225	1200	205	790	450	410	75	19	30	0	48	175	175	1158	158
	132M	3	65	50	55	534	300	225	1200	205	790	450	410	75	19	30	0	48	175	175	1195	169
	160M	3	65	50	55	534	300	225	1200	205	790	450	410	75	19	30	0	20	175	175	1304	241
	160L	3	65	50	55	534	300	225	1200	205	790	450	410	75	19	30	0	20	175	175	1348	254

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri su base con giunto spaziatore
Overall dimensions on base with spacer coupling

Girante vortex
Vortex impeller

Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																			Peso Weight (kg) ^(*)
			Dna	Dnm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	l1	l2	T _(r)	
65-20	100L	3	80	65	66	542	300	225	1200	205	790	450	410	75	19	30	0	80	150,5	150,5	1141	137
	112M	3	80	65	66	542	300	225	1200	205	790	450	410	75	19	30	0	68	150,5	150,5	1145	144
	132S	3	80	65	66	542	300	225	1200	205	790	450	410	75	19	30	0	48	150,5	150,5	1217	157
	132M	3	80	65	66	542	300	225	1200	205	790	450	410	75	19	30	0	48	150,5	150,5	1254	168
	160M	4	80	65	66	542	300	225	1500	245	1010	480	440	75	19	30	0	20	150,5	150,5	1363	250
	160L	4	80	65	66	542	300	225	1500	245	1010	480	440	75	19	30	0	20	150,5	150,5	1407	263
	200L	4	80	65	66	542	320	225	1500	245	1010	480	440	75	19	30	20	0	150,5	150,5	1514	391
80-20S	100L	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	80	159	159	1153	139
	112M	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	68	159	159	1157	146
	132S	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	48	159	159	1229	159
	132M	3	100	80	70	550	300	250	1200	205	790	450	410	75	19	30	0	48	159	159	1266	170
80-25	112M	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	113	176	176	1187	163
	132S	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	93	176	176	1259	176
	132M	5	100	80	75	575	345	280	1200	205	790	505	465	90	19	30	0	93	176	176	1296	187
	160M	7	100	80	75	575	390	280	1450	235	980	560	510	90	24	13	25	90	176	176	1405	268
	160L	7	100	80	75	575	390	280	1450	235	980	560	510	90	24	13	25	90	176	176	1449	281
	180M	7	100	80	75	575	390	280	1450	235	980	560	510	90	24	13	25	70	176	176	1425	326
	180L	7	100	80	75	575	390	280	1450	235	980	560	510	90	24	13	25	70	176	176	1503	346
80-31	132S	5	100	80	90	587	370	315	1200	205	790	505	465	90	19	30	0	118	205	227	1286	226
	132M	5	100	80	90	587	370	315	1200	205	790	505	465	90	19	30	0	118	205	227	1323	237
	160M	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	115	205	227	1432	318
	160L	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	115	205	227	1476	331
	180M	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	95	205	227	1452	376
	180L	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	95	205	227	1530	396
	200L	7	100	80	90	587	415	315	1450	235	980	560	510	90	24	13	25	75	205	227	1583	459
	225S	8	100	80	90	587	415	315	1590	235	1120	560	510	90	24	13	25	50	205	227	1618	507
	225M	8	100	80	90	587	415	315	1590	235	1120	560	510	90	24	13	25	50	205	227	1643	549
	250M	8	100	80	90	587	415	315	1590	235	1120	560	510	90	24	13	25	25	205	227	1705	666
100-25	132S	5	125	100	90	584	345	280	1200	205	790	505	465	90	19	30	0	93	183	216	1283	191
	132M	5	125	100	90	584	345	280	1200	205	790	505	465	90	19	30	0	93	183	216	1320	202
	160M	7	125	100	90	584	390	280	1450	235	980	560	510	90	24	13	25	90	183	216	1429	283
	160L	7	125	100	90	584	390	280	1450	235	980	560	510	90	24	13	25	90	183	216	1473	296
	180M	7	125	100	90	584	390	280	1450	235	980	560	510	90	24	13	25	70	183	216	1449	341
	180L	7	125	100	90	584	390	280	1450	235	980	560	510	90	24	13	25	70	183	216	1527	361
	200L	7	125	100	90	584	390	280	1450	235	980	560	510	90	24	13	25	50	183	216	1580	424
125-25	132S	6	150	125	112	597	415	355	1300	215	870	510	460	90	24	13	25	143	208	254	1318	215
	132M	6	150	125	112	597	415	355	1300	215	870	510	460	90	24	13	25	143	208	254	1355	226
	160M	7	150	125	112	597	415	355	1450	235	980	560	510	90	24	13	25	115	208	254	1464	305
	160L	7	150	125	112	597	415	355	1450	235	980	560	510	90	24	13	25	115	208	254	1508	318
	180M	7	150	125	112	597	415	355	1450	235	980	560	510	90	24	13	25	95	208	254	1484	363
	180L	7	150	125	112	597	415	355	1450	235	980	560	510	90	24	13	25	95	208	254	1562	383
	200L	7	150	125	112	597	415	355	1450	235	980	560	510	90	24	13	25	75	208	254	1615	446

Quote e pesi possono variare senza preavviso
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Ingombri su base con giunto spaziatore
Overall dimensions on base with spacer coupling

Girante vortex
Vortex impeller

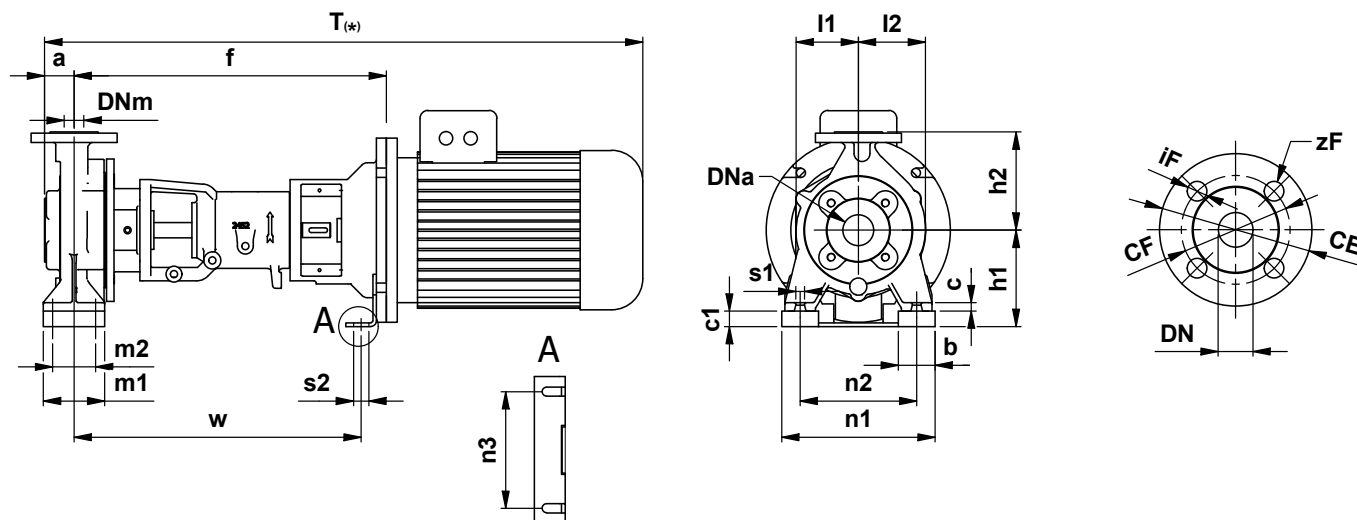
Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																			Peso Weight (kg) ^(*)
			Dna	Dnm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	l1	l2	T _(r)	
125-31	132M	6	150	125	112	600	445	355	1300	215	870	510	460	110	24	13	25	173	223	256	1358	259
	160M	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	145	223	256	1467	339
	160L	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	145	223	256	1511	352
	180M	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	125	223	256	1487	397
	180L	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	125	223	256	1565	417
	200L	7	150	125	112	600	445	355	1450	235	980	560	510	110	24	13	25	105	223	256	1618	480
	225S	8	150	125	112	600	445	355	1590	235	1120	560	510	110	24	13	25	80	223	256	1653	528
	225M	8	150	125	112	600	445	355	1590	235	1120	560	510	110	24	13	25	80	223	256	1678	570
	250M	8	150	125	112	600	445	355	1590	235	1120	560	510	110	24	13	25	55	223	256	1740	687
	280S	9	150	125	112	600	485	355	1900	260	1380	610	560	110	26	15	25	25	223	256	1880	871
150-31	160M	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	180	243	316	1532	364
	160L	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	180	243	316	1576	377
	180M	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	160	243	316	1552	422
	180L	7	200	150	120	597	480	400	1450	235	980	560	510	110	24	13	25	160	243	316	1630	442
	200L	8	200	150	120	597	480	400	1590	235	1120	560	510	110	24	13	25	140	243	316	1683	509
	225S	8	200	150	120	597	480	400	1590	235	1120	560	510	110	24	13	25	115	243	316	1718	554
	225M	8	200	150	120	597	480	400	1590	235	1120	560	510	110	24	13	25	115	243	316	1743	596
	250M	8	200	150	120	597	480	400	1590	235	1120	560	510	110	24	13	25	90	243	316	1805	713
	280S	9	200	150	120	597	520	400	1900	260	1380	610	560	110	26	15	25	60	243	316	1945	897
	280M	9	200	150	120	597	520	400	1900	260	1380	610	560	110	26	15	25	60	243	316	1995	950
150-35	315S	10	200	150	120	597	520	400	2000	260	1480	710	660	110	26	15	25	25	243	316	2110	1165
	180L	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	160	257	300	1865	571
	200L	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	140	257	300	1918	634
	225S	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	115	257	300	1953	679
	225M	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	115	257	300	1978	721
	250M	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	90	257	300	2040	838
	280S	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	60	257	300	2180	985
	280M	9	200	150	200	752	520	400	1900	260	1380	610	560	110	26	15	25	60	257	300	2230	1038
	315S	10	200	150	200	752	520	400	2000	260	1480	710	660	110	26	15	25	25	257	300	2345	1240
	315M	10	200	150	200	752	520	400	2000	260	1480	710	660	110	26	15	25	25	257	300	2483	1509
200-35	200L	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	180	275	352	1981	675
	225S	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	155	275	352	2016	720
	225M	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	155	275	352	2041	762
	250M	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	130	275	352	2103	879
	280S	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	100	275	352	2243	1026
	280M	9	250	200	250	765	560	450	1900	260	1380	610	560	110	26	15	25	100	275	352	2293	1079
	315S	10	250	200	250	765	560	450	2000	260	1480	710	660	110	26	15	25	65	275	352	2408	1295
	315M	10	250	200	250	765	560	450	2000	260	1480	710	660	110	26	15	25	65	275	352	2546	1550
250-35	200L	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	180	286	371	2045	742
	225S	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	155	286	371	2080	787
	225M	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	155	286	371	2105	829
	250M	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	130	286	371	2167	946
	280S	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	100	286	371	2307	1093
	280M	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	100	286	371	2357	1146
	315S	10	300	250	300	779	560	500	2000	260	1480	710	660	140	26	15	25	65	286	371	2472	1348
	315M	11	300	250	300	779	600	500	2300	350	1600	820	750	140	30	18	25	65	286	371	2610	1672
	315L	11	300	250	300	779	600	500	2300	350	1600	820	750	140	30	18	25	65	286	371	2610	1727
	355L	11	300	250	300	779	600	500	2300	350	1600	820	750	140	30	18	25	25	286	371	2843	2407

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri lanternata
Lantern bracket overall dimensions

Girante vortex
Vortex impeller



Dimensioni Flange
Dimensions Flange EN1092-1 PN16

DNa-DNm	32	50	65	80	100	125	150
CF	100	125	145	160	180	210	240
DE	140	165	185	200	220	250	285
iF	18	18	18	18	18	18	22
zF	4	4	4	8	8	8	8

Accoppiamento potenza – polarità/grandezza motore
Power – polarity/motor size coupling

Poli	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW
2	71	80	80	90S	90L	100L	112M	132S	132S	132M	160M	160M	160L	180M
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
4	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
6	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	-	-	-
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	-	-	-

Pompa tipo Pump size	Grandezza motore Motor size	Dimensioni Dimensions (mm)																			Peso Weight (kg) ^(*)	
		Dna	Dnm	a	f	h1	h2	b	m1	m2	n1	n2	n3	w	s1	s2	c	c1	l1	l2		T _(*)
32-16	80	50	32	48	469	132	160	50	100	70	240	190	110	426	14	15	14	0	114	114	799	53
	90	50	32	48	469	132	160	50	100	70	240	190	110	426	14	15	14	0	114	114	854	57
	100	50	32	48	489	132	160	50	100	70	240	190	110	426	14	15	14	0	114	114	922	72
	112	50	32	48	489	132	160	50	100	70	240	190	110	426	14	15	14	0	114	114	926	79
	132	50	32	48	509	132	160	50	100	70	240	190	190	468	14	15	14	25	114	114	1055	101

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri lanternata
Lantern bracket overall dimensions

Girante vortex
Vortex impeller

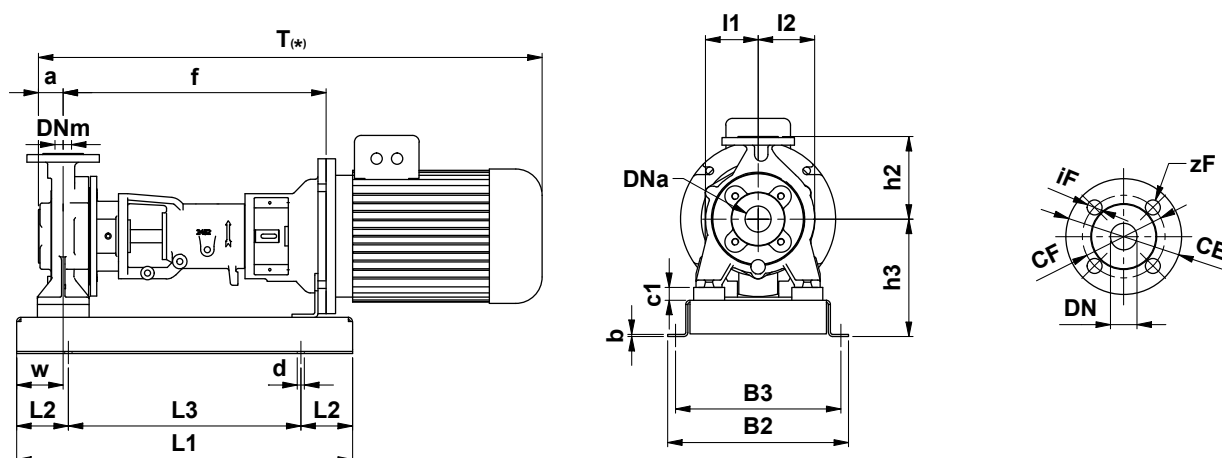
Pompa tipo Pump size	Grandezza motore Motor size	Dimensioni Dimensions (mm)																				Peso Weight (kg) ^(*)
		Dna	Dnm	a	f	h1	h2	b	m1	m2	n1	n2	n3	w	s1	s2	c	c1	l1	l2	T _(*)	
32-20	80	50	32	48	468	160	180	50	100	70	240	190	110	427	14	15	14	0	135,5	135,5	798	60
	90	50	32	48	468	160	180	50	100	70	240	190	110	427	14	15	14	0	135,5	135,5	853	64
	100	50	32	48	488	160	180	50	100	70	240	190	110	427	14	15	14	0	135,5	135,5	921	79
	112	50	32	48	488	160	180	50	100	70	240	190	110	427	14	15	14	0	135,5	135,5	925	86
	132	50	32	48	508	160	180	50	100	70	240	190	190	469	14	15	14	0	135,5	135,5	1054	108
	160	50	32	48	538	160	180	50	100	70	240	190	212	488	14	19	14	0	135,5	135,5	1237	199
50-16	90	65	50	55	478	160	180	50	100	70	265	212	110	436	14	15	14	0	121,5	121,5	870	60
	100	65	50	55	498	160	180	50	100	70	265	212	110	436	14	15	14	0	121,5	121,5	938	75
	112	65	50	55	498	160	180	50	100	70	265	212	110	436	14	15	14	0	121,5	121,5	942	82
	132	65	50	55	518	160	180	50	100	70	265	212	190	478	14	15	14	0	121,5	121,5	1071	104
	160	65	50	55	548	160	180	50	100	70	265	212	212	497	14	19	14	0	121,5	121,5	1254	196
50-20	100	65	50	55	594	160	200	50	100	70	265	212	110	546	14	15	14	0	141	141	1034	87
	112	65	50	55	594	160	200	50	100	70	265	212	110	546	14	15	14	0	141	141	1038	94
	132	65	50	55	614	160	200	50	100	70	265	212	190	573	14	15	14	0	141	141	1167	120
	160	65	50	55	644	160	200	50	100	70	265	212	212	591	14	19	14	20	141	141	1350	212
50-25	100	65	50	55	596	180	225	65	125	95	320	250	110	549	14	15	14	0	175	175	1036	95
	112	65	50	55	596	180	225	65	125	95	320	250	110	549	14	15	14	0	175	175	1040	102
	132	65	50	55	616	180	225	65	125	95	320	250	190	576	14	15	14	0	175	175	1169	128
	160	65	50	55	646	180	225	65	125	95	320	250	212	594	14	19	14	0	175	175	1352	219
65-20	100	80	65	66	604	180	225	65	125	95	320	250	110	557	14	15	16	0	150,5	150,5	1055	94
	112	80	65	66	604	180	225	65	125	95	320	250	110	557	14	15	16	0	150,5	150,5	1059	101
	132	80	65	66	624	180	225	65	125	95	320	250	190	584	14	15	16	0	150,5	150,5	1188	127
	160	80	65	66	654	180	225	65	125	95	320	250	212	602	14	19	16	0	150,5	150,5	1371	218
80-20S	100	100	80	70	612	180	250	65	125	95	345	280	110	564	14	15	16	0	159	159	1067	96
	112	100	80	70	612	180	250	65	125	95	345	280	110	564	14	15	16	0	159	159	1071	103
	132	100	80	70	632	180	250	65	125	95	345	280	190	591	14	15	16	0	159	159	1200	129
	160	100	80	70	662	180	250	65	125	95	345	280	212	609	14	19	16	0	159	159	1383	221
	180	100	80	70	662	180	250	65	125	95	345	280	212	609	14	19	16	0	159	159	1437	286
80-25	112	100	80	75	637	225	280	70	160	120	395	315	110	590	18	15	18	0	176	176	1101	119
	132	100	80	75	657	225	280	70	160	120	395	315	190	617	18	15	18	0	176	176	1230	145
	160	100	80	75	687	225	280	70	160	120	395	315	212	635	18	19	18	0	176	176	1413	237
	180	100	80	75	687	225	280	70	160	120	395	315	212	635	18	19	18	0	176	176	1467	302
80-31	112	100	80	90	654	250	315	80	160	120	400	315	110	607	18	15	18	0	205	227	1133	176
	132	100	80	90	674	250	315	80	160	120	400	315	190	634	18	15	18	0	205	227	1262	202
	160	100	80	90	704	250	315	80	160	120	400	315	212	653	18	19	18	0	205	227	1445	294
	180	100	80	90	704	250	315	80	160	120	400	315	212	653	18	19	18	0	205	227	1499	359
100-25	112	125	100	90	646	225	280	80	160	120	400	315	110	600	18	15	18	0	183	216	1125	134
	132	125	100	90	666	225	280	80	160	120	400	315	190	627	18	15	18	0	183	216	1254	160
	160	125	100	90	696	225	280	80	160	120	400	315	212	645	18	19	18	0	183	216	1437	252
	180	125	100	90	696	225	280	80	160	120	400	315	212	645	18	19	18	0	183	216	1491	317
125-25	112	150	125	112	659	250	355	80	160	120	400	315	110	613	18	15	18	0	208	254	1160	156
	132	150	125	112	679	250	355	80	160	120	400	315	190	640	18	15	18	0	208	254	1289	182
	160	150	125	112	709	250	355	80	160	120	400	315	212	658	18	19	18	0	208	254	1472	274
	180	150	125	112	709	250	355	80	160	120	400	315	212	658	18	19	18	0	208	254	1526	339
125-31	112	150	125	112	667	280	355	100	200	160	500	400	110	620	23	15	20	0	223	256	1168	197
	132	150	125	112	687	280	355	100	200	160	500	400	190	647	23	15	20	0	223	256	1297	223
	160	150	125	112	717	280	355	100	200	160	500	400	212	666	23	19	20	0	223	256	1480	315
	180	150	125	112	717	280	355	100	200	160	500	400	212	666	23	19	20	0	223	256	1534	380
150-31	112	200	150	120	664	315	400	100	200	150	550	450	110	614	24	15	22	0	243	316	1173	223
	132	200	150	120	684	315	400	100	200	150	550	450	190	641	24	15	22	0	243	316	1302	249
	160	200	150	120	714	315	400	100	200	150	550	450	212	660	24	19	22	0	243	316	1485	340
	180	200	150	120	714	315	400	100	200	150	550	450	212	660	24	19	22	0	243	316	1539	405

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri lanternata su base
Lantern bracket on base overall dimensions

Girante vortex
Vortex impeller



Dimensioni Flange
Dimensions Flange EN1092-1/2 PN10

DNa-DNm	32	50	65	80	100	125	150
CF	100	125	145	160	180	210	240
CE	140	165	185	200	220	250	285
iF	18	18	18	18	18	18	22
zF	4	4	8	8	8	8	8

Accoppiamento potenza – polarità/grandezza motore
Power – polarity/motor size coupling

Poli	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW
2	71	80	80	90S	90L	100L	112M	132S	132S	132M	160M	160M	160L	180M
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
4	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
6	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	-	-	-
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	-	-	-

Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																		Peso Weight (kg) ^(*)	
			Dna	Dnm	a	f	h1	h2	h3	L1	L2	L3	B2	B3	w	d	b	c1	l1	l2		T ^(*)
32-16	80	G1	50	32	48	469	132	160	202	650	100	450	350	320	90	14	4	0	114	114	799	63
	90	G1	50	32	48	469	132	160	202	650	100	450	350	320	90	14	4	0	114	114	854	67
	100	G1	50	32	48	489	132	160	202	650	100	450	350	320	90	14	4	0	114	114	922	82
	112	G1	50	32	48	489	132	160	202	650	100	450	350	320	90	14	4	0	114	114	926	89
	132	G1	50	32	48	509	132	160	202	650	100	450	350	320	90	14	4	25	114	114	1055	111

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri lanternata su base
Lantern bracket on base overall dimensions

Girante vortex
Vortex impeller

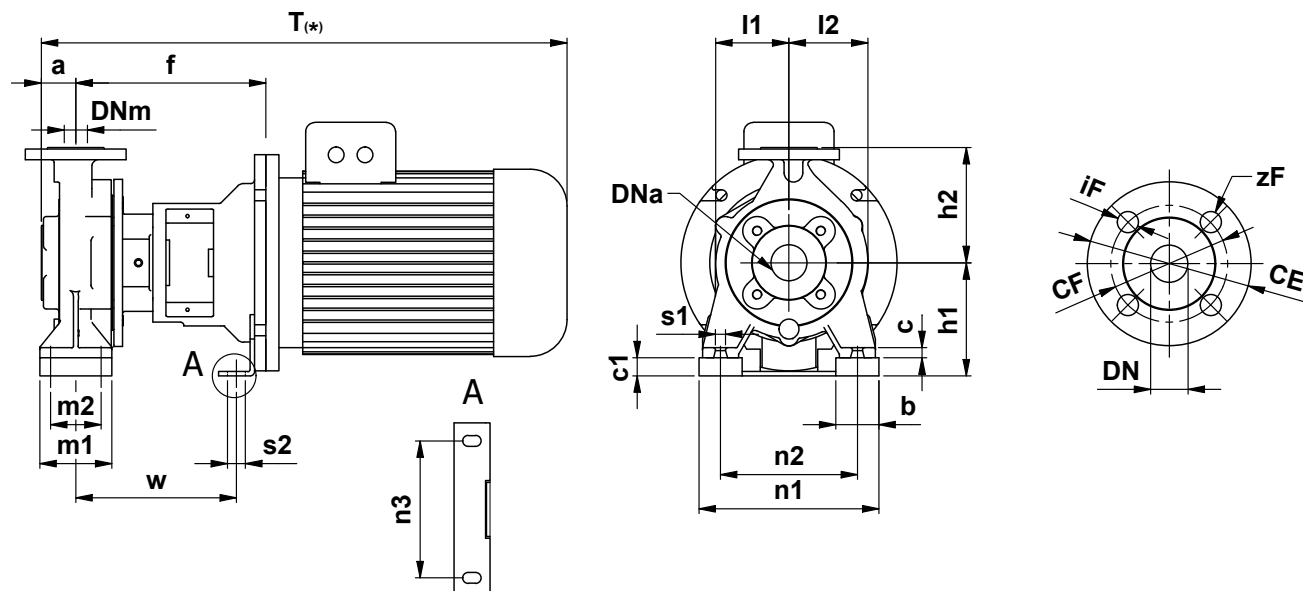
Pompa tipo Pump size	Grandezza motore Motor size	Base Base plate	Dimensioni Dimensions (mm)																		T _(°)	Peso Weight (kg) ₍₁₎
			Dna	Dnm	a	f	h1	h2	h3	L1	L2	L3	B2	B3	w	d	b	c1	l1	l2		
32-20	80	G1	50	32	48	468	160	180	230	650	100	450	350	320	90	14	4	0	135,5	135,5	798	70
	90	G1	50	32	48	468	160	180	230	650	100	450	350	320	90	14	4	0	135,5	135,5	853	74
	100	G1	50	32	48	488	160	180	230	650	100	450	350	320	90	14	4	0	135,5	135,5	921	89
	112	G1	50	32	48	488	160	180	230	650	100	450	350	320	90	14	4	0	135,5	135,5	925	96
	132	G1	50	32	48	508	160	180	230	650	100	450	350	320	90	14	4	0	135,5	135,5	1054	118
	160	G1	50	32	48	538	160	180	230	650	100	450	350	320	90	14	4	20	135,5	135,5	1237	209
50-16	90	G1	65	50	55	478	160	180	230	650	100	450	350	320	90	14	4	0	121,5	121,5	870	71
	100	G1	65	50	55	498	160	180	230	650	100	450	350	320	90	14	4	0	121,5	121,5	938	86
	112	G1	65	50	55	498	160	180	230	650	100	450	350	320	90	14	4	0	121,5	121,5	942	93
	132	G1	65	50	55	518	160	180	230	650	100	450	350	320	90	14	4	0	121,5	121,5	1071	115
	160	G1	65	50	55	548	160	180	230	650	100	450	350	320	90	14	4	20	121,5	121,5	1254	206
50-20	100	G2	65	50	55	594	160	200	230	850	150	550	510	460	120	16	6	0	141	141	1034	110
	112	G2	65	50	55	594	160	200	230	850	150	550	510	460	120	16	6	0	141	141	1038	117
	132	G2	65	50	55	614	160	200	230	850	150	550	510	460	120	16	6	0	141	141	1167	143
	160	G2	65	50	55	644	160	200	230	850	150	550	510	460	120	16	6	20	141	141	1350	234
50-25	100	G2	65	50	55	596	180	225	250	850	150	550	510	460	120	16	6	0	175	175	1036	118
	112	G2	65	50	55	596	180	225	250	850	150	550	510	460	120	16	6	0	175	175	1040	125
	132	G2	65	50	55	616	180	225	250	850	150	550	510	460	120	16	6	0	175	175	1169	151
	160	G2	65	50	55	646	180	225	250	850	150	550	510	460	120	16	6	0	175	175	1352	242
65-20	100	G2	80	65	66	604	180	225	250	850	150	550	510	460	120	16	6	0	150,5	150,5	1055	117
	112	G2	80	65	66	604	180	225	250	850	150	550	510	460	120	16	6	0	150,5	150,5	1059	124
	132	G2	80	65	66	624	180	225	250	850	150	550	510	460	120	16	6	0	150,5	150,5	1188	150
	160	G2	80	65	66	654	180	225	250	850	150	550	510	460	120	16	6	0	150,5	150,5	1371	241
80-20S	100	G2	100	80	68	612	180	250	250	850	150	550	510	460	120	16	6	0	159	159	1065	119
	112	G2	100	80	70	612	180	250	250	850	150	550	510	460	120	16	6	0	159	159	1071	126
	132	G2	100	80	70	632	180	250	250	850	150	550	510	460	120	16	6	0	159	159	1200	152
	160	G2	100	80	70	662	180	250	250	850	150	550	510	460	120	16	6	0	159	159	1383	244
	180	G2	100	80	70	662	180	250	250	850	150	550	510	460	120	16	6	0	159	159	1437	309
80-25	112	G2	100	80	75	637	225	280	295	850	150	550	510	460	120	16	6	0	176	176	1101	142
	132	G2	100	80	75	657	225	280	295	850	150	550	510	460	120	16	6	0	176	176	1230	168
	160	G2	100	80	75	687	225	280	295	850	150	550	510	460	120	16	6	0	176	176	1413	260
	180	G2	100	80	75	687	225	280	295	850	150	550	510	460	120	16	6	0	176	176	1467	325
80-31	112	G3	100	80	90	654	250	315	350	1000	200	600	650	590	140	20	8	0	205	227	1133	240
	132	G3	100	80	90	674	250	315	350	1000	200	600	650	590	140	20	8	0	205	227	1262	266
	160	G3	100	80	90	704	250	315	350	1000	200	600	650	590	140	20	8	0	205	227	1445	357
	180	G3	100	80	90	704	250	315	350	1000	200	600	650	590	140	20	8	0	205	227	1499	422
100-25	112	G2	125	100	90	646	225	280	295	850	150	550	510	460	120	16	6	0	183	216	1125	157
	132	G2	125	100	90	666	225	280	295	850	150	550	510	460	120	16	6	0	183	216	1254	183
	160	G2	125	100	90	696	225	280	295	850	150	550	510	460	120	16	6	0	183	216	1437	275
	180	G2	125	100	90	696	225	280	295	850	150	550	510	460	120	16	6	0	183	216	1491	340
125-25	112	G2	150	125	112	659	250	355	320	850	150	550	510	460	120	16	6	0	208	254	1160	179
	132	G2	150	125	112	679	250	355	320	850	150	550	510	460	120	16	6	0	208	254	1289	205
	160	G2	150	125	112	709	250	355	320	850	150	550	510	460	120	16	6	0	208	254	1472	297
	180	G2	150	125	112	709	250	355	320	850	150	550	510	460	120	16	6	0	208	254	1526	362
125-31	112	G3	150	125	112	667	280	355	380	1000	200	600	650	590	140	20	8	0	223	256	1168	260
	132	G3	150	125	112	687	280	355	380	1000	200	600	650	590	140	20	8	0	223	256	1297	286
	160	G3	150	125	112	717	280	355	380	1000	200	600	650	590	140	20	8	0	223	256	1480	378
	180	G3	150	125	112	717	280	355	380	1000	200	600	650	590	140	20	8	0	223	256	1534	443
150-31	112	G3	200	150	120	664	315	400	415	1000	200	600	650	590	140	20	8	0	243	316	1173	286
	132	G3	200	150	120	684	315	400	415	1000	200	600	650	590	140	20	8	0	243	316	1302	312
	160	G3	200	150	120	714	315	400	415	1000	200	600	650	590	140	20	8	0	243	316	1485	403
	180	G3	200	150	120	714	315	400	415	1000	200	600	650	590	140	20	8	0	243	316	1539	468

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri monoblocco
Close coupled overall dimensions

Girante vortex
Vortex impeller



Dimensioni Flange
Dimensions Flange EN1092-1 PN16

DNa-DNm	32	50	65	80	100	125	150
CF	100	125	145	160	180	210	240
CE	140	165	185	200	220	250	285
iF	18	18	18	18	18	18	22
zF	4	4	4	8	8	8	8

Accoppiamento potenza – polarità/grandezza motore
Power – polarity/motor size coupling

Polì	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW	G/kW
2	71	80	80	90S	90L	100L	112M	132S	132S	132M	160M	160M	160L	180M
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
4	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
6	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	-	-	-
	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	-	-	-

Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

Ingombri monoblocco
Close coupled overall dimensions

Girante vortex
Vortex impeller

Pompa tipo Pump size	Grandezza motore Motor size	Dimensioni Dimensions (mm)																				Peso Weight (kg) _(*)
		Dna	Dnm	a	f	h1	h2	b	m1	m2	n1	n2	n3	w	s1	s2	c	c1	l1	l2	T _(*)	
32-16	80	50	32	48	224	132	160	50	100	70	240	190	110	181	14	15	14	0	114	114	578	51
	90	50	32	48	224	132	160	50	100	70	240	190	110	181	14	15	14	0	114	114	633	55
	100	50	32	48	244	132	160	50	100	70	240	190	110	181	14	15	14	0	114	114	681	70
	112	50	32	48	244	132	160	50	100	70	240	190	110	181	14	15	14	0	114	114	685	77
	132	50	32	48	264	132	160	50	100	70	240	190	190	223	14	15	14	25	114	114	794	99
32-20	80	50	32	48	223	160	180	50	100	70	240	190	110	182	14	15	14	0	136	136	626	57
	90	50	32	48	223	160	180	50	100	70	240	190	110	182	14	15	14	0	136	136	681	61
	100	50	32	48	243	160	180	50	100	70	240	190	110	182	14	15	14	0	136	136	729	76
	112	50	32	48	243	160	180	50	100	70	240	190	110	182	14	15	14	0	136	136	733	83
	132	50	32	48	263	160	180	50	100	70	240	190	190	224	14	15	14	0	136	136	842	105
50-16	160	50	32	48	293	160	180	50	100	70	240	190	212	243	14	19	14	0	136	136	995	197
	90	65	50	55	233	160	180	50	100	70	265	212	110	191	14	15	14	0	122	122	681	58
	100	65	50	55	253	160	180	50	100	70	265	212	110	191	14	15	14	0	122	122	729	73
	112	65	50	55	253	160	180	50	100	70	265	212	110	191	14	15	14	0	122	122	733	80
	132	65	50	55	273	160	180	50	100	70	265	212	190	233	14	15	14	0	122	122	842	102
50-20	160	65	50	55	303	160	180	50	100	70	265	212	212	252	14	19	14	0	122	122	995	194
	100	65	50	55	279	160	200	50	100	70	265	212	110	231	14	15	14	0	141	141	749	84
	112	65	50	55	279	160	200	50	100	70	265	212	110	231	14	15	14	0	141	141	753	91
	132	65	50	55	299	160	200	50	100	70	265	212	190	258	14	15	14	0	141	141	862	117
	160	65	50	55	329	160	200	50	100	70	265	212	212	276	14	19	14	20	141	141	1015	209
50-25	100	65	50	55	281	180	225	65	125	95	320	250	110	234	14	15	14	0	175	175	794	92
	112	65	50	55	281	180	225	65	125	95	320	250	110	234	14	15	14	0	175	175	798	99
	132	65	50	55	301	180	225	65	125	95	320	250	190	261	14	15	14	0	175	175	907	125
	160	65	50	55	331	180	225	65	125	95	320	250	212	279	14	19	14	0	175	175	1060	217
65-20	100	80	65	66	289	180	225	65	125	95	320	250	110	242	14	15	16	0	151	151	794	91
	112	80	65	66	289	180	225	65	125	95	320	250	110	242	14	15	16	0	151	151	798	98
	132	80	65	66	309	180	225	65	125	95	320	250	190	269	14	15	16	0	151	151	907	124
	160	80	65	66	339	180	225	65	125	95	320	250	212	287	14	19	16	0	151	151	1060	216
80-20S	90	100	80	68	308,5	180	250	65	125	95	345	280	110	249	14	15	16	0	159	159	771	78
	100	100	80	70	297	180	250	65	125	95	345	280	110	249	14	15	16	0	159	159	819	94
	112	100	80	70	297	180	250	65	125	95	345	280	110	249	14	15	16	0	159	159	823	101
	132	100	80	70	317	180	250	65	125	95	345	280	190	276	14	15	16	0	159	159	932	127
	160	100	80	70	347	180	250	65	125	95	345	280	212	294	14	19	16	0	159	159	1085	218
80-25	180	100	80	70	347	180	250	65	125	95	345	280	212	294	14	19	16	0	159	159	1139	283
	112	100	80	75	322	225	280	70	160	120	395	315	110	275	18	15	18	0	176	176	898	117
	132	100	80	75	342	225	280	70	160	120	395	315	190	302	18	15	18	0	176	176	1007	143
	160	100	80	75	372	225	280	70	160	120	395	315	212	320	18	19	18	0	176	176	1160	234
	180	100	80	75	372	225	280	70	160	120	395	315	212	320	18	19	18	0	176	176	1214	299
100-25	112	125	100	90	331	225	280	80	160	120	400	315	110	285	18	15	18	0	183	216	898	132
	132	125	100	90	351	225	280	80	160	120	400	315	190	312	18	15	18	0	183	216	1007	158
	160	125	100	90	381	225	280	80	160	120	400	315	212	330	18	19	18	0	183	216	1160	249
	180	125	100	90	381	225	280	80	160	120	400	315	212	330	18	19	18	0	183	216	1214	314
125-25	112	150	125	112	344	250	355	80	160	120	400	315	110	298	18	15	18	0	208	254	998	154
	132	150	125	112	364	250	355	80	160	120	400	315	190	325	18	15	18	0	208	254	1107	180
	160	150	125	112	394	250	355	80	160	120	400	315	212	343	18	19	18	0	208	254	1260	271
	180	150	125	112	394	250	355	80	160	120	400	315	212	343	18	19	18	0	208	254	1314	336

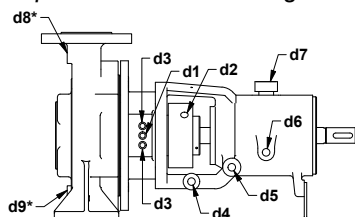
Quote e pesi possono variare senza preavviso
Dimensions and weights can change without prior notice

(*) Lunghezza e peso possono variare in funzione della marca del motore
(*) Length and weight may vary, it depends by the motor brand

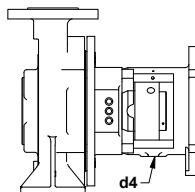
Connessioni Connection

Girante vortex Vortex impeller

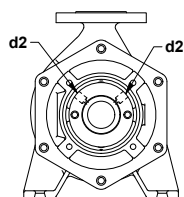
Connessioni pompa con supporto cuscinetti Pump connections with bearing housing



Connessioni pompa monoblocco Close coupled pump connections

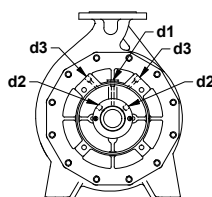


Connessioni camera di raffreddamento o riscaldamento tenute Seal cooling/heating jacket connections



Solo per | Only for
80-31, 125-31,
150-31, 150-35,
200-35, 250-35

Connessioni camera di raffreddamento o riscaldamento tenute Seal cooling/heating jacket connections



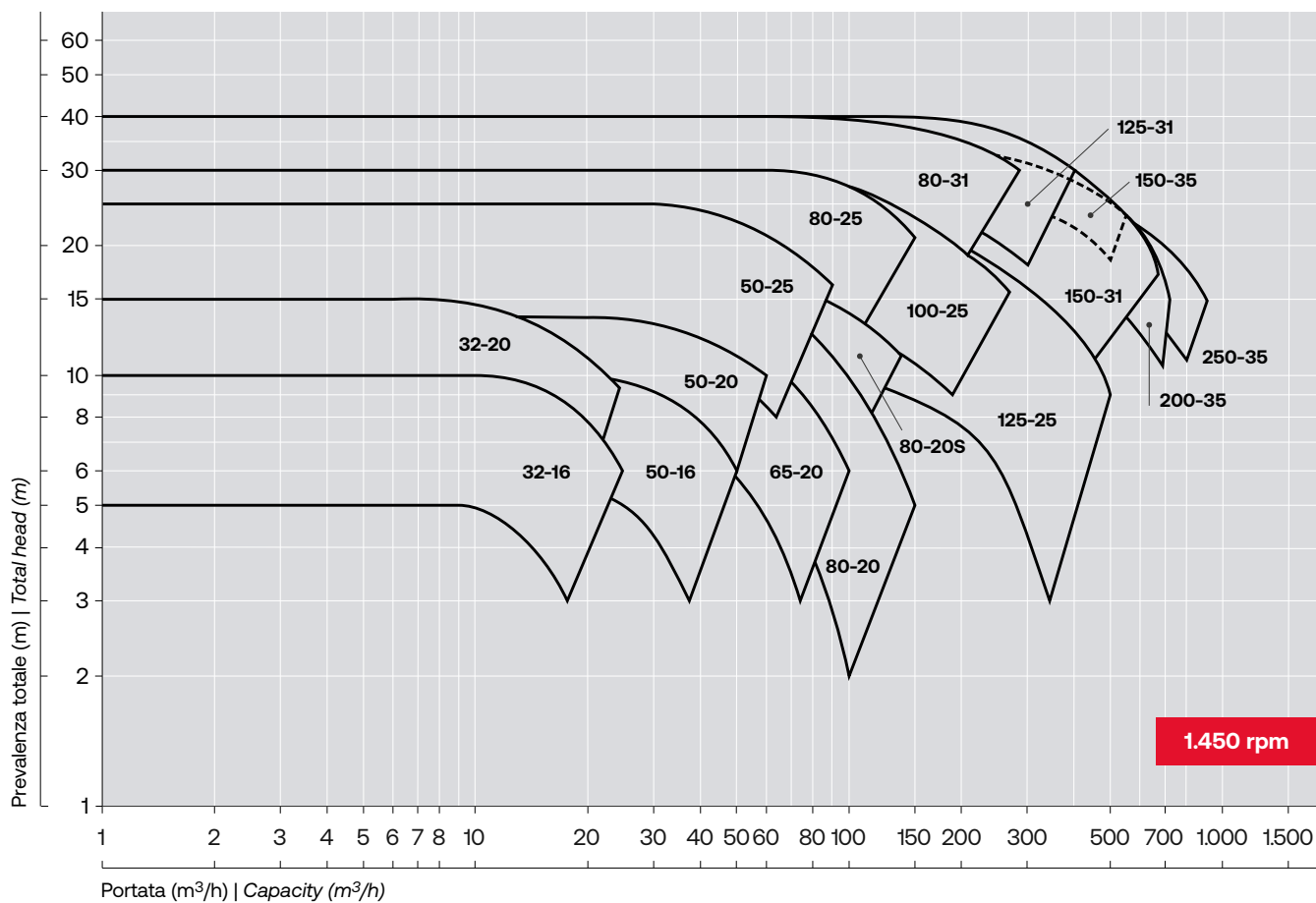
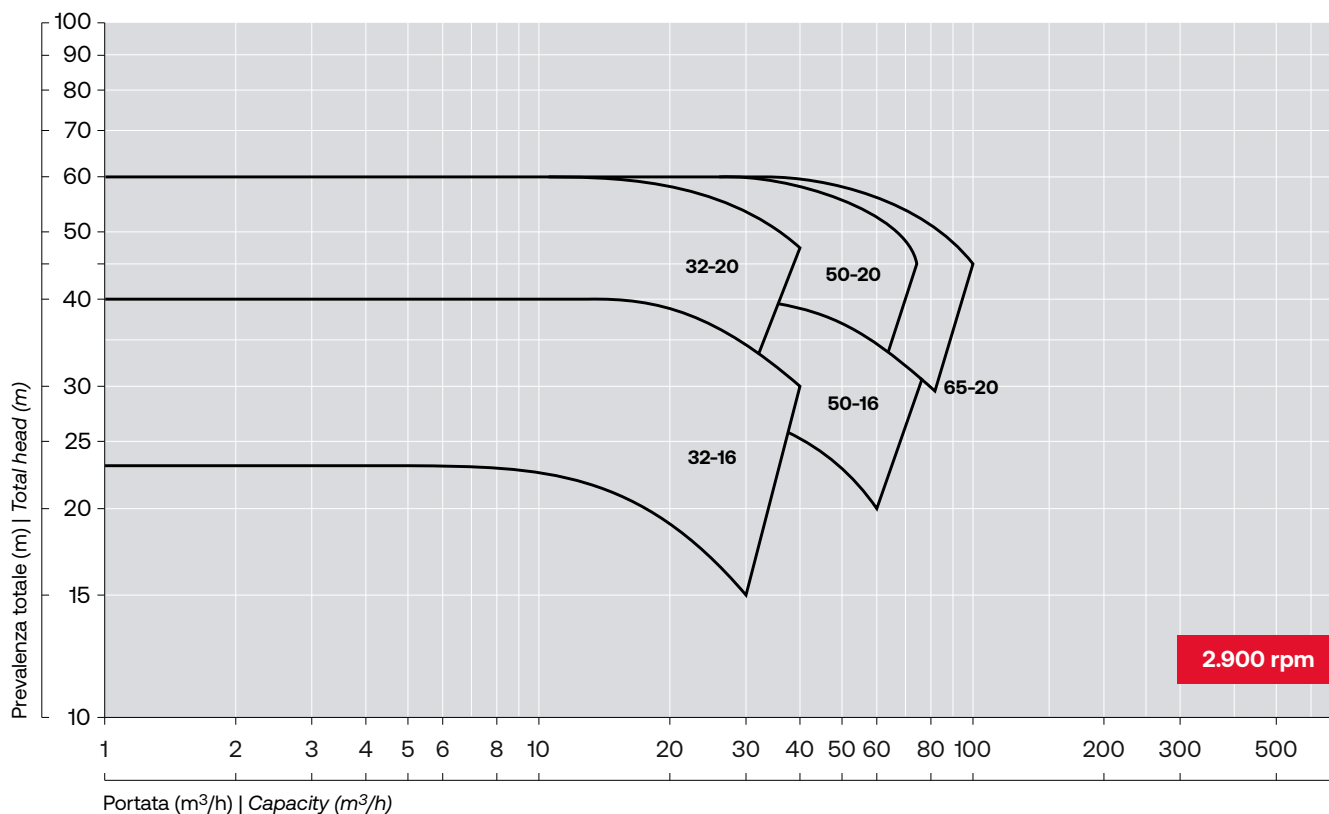
Pompa Tipo Pump Size	Gruppo supporto Bearing Housing	Connessioni Connections holes								
		d1	d2	d3	d4	d5	d6	d7	d8(*)	d9(*)
32-16	GR1	1/4	1/4	1/4	1/4	1/4	1/4	18	1/4	1/4
32-20	GR1	1/4	1/4	1/4	1/4	1/4	1/4	18	1/4	1/4
50-16	GR1	1/4	1/4	1/4	1/4	1/4	1/4	18	1/4	1/4
50-20	GR2	1/4	1/4	3/8	1/4	1/4	1/4	18	1/4	3/8
50-25	GR2	1/4	1/4	3/8	1/4	1/4	1/4	18	1/4	3/8
65-20	GR2	1/4	1/4	3/8	1/4	1/4	1/4	18	1/4	3/8
80-20	GR2	1/4	1/4	3/8	1/4	1/4	1/4	18	1/4	3/8
80-25	GR2	1/4	1/4	3/8	1/4	1/4	1/4	18	1/4	3/8
80-31	GR3	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	1/2
100-25	GR2	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	1/2
125-25	GR2	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	1/2
125-31	GR3	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	1/2
150-31	GR3	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	1/2
150-35	GR4	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	1/2
200-35	GR4	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	3/4
250-35	GR4	1/4	1/4	3/8	1/4	1/4	1/4	18	1/2	1

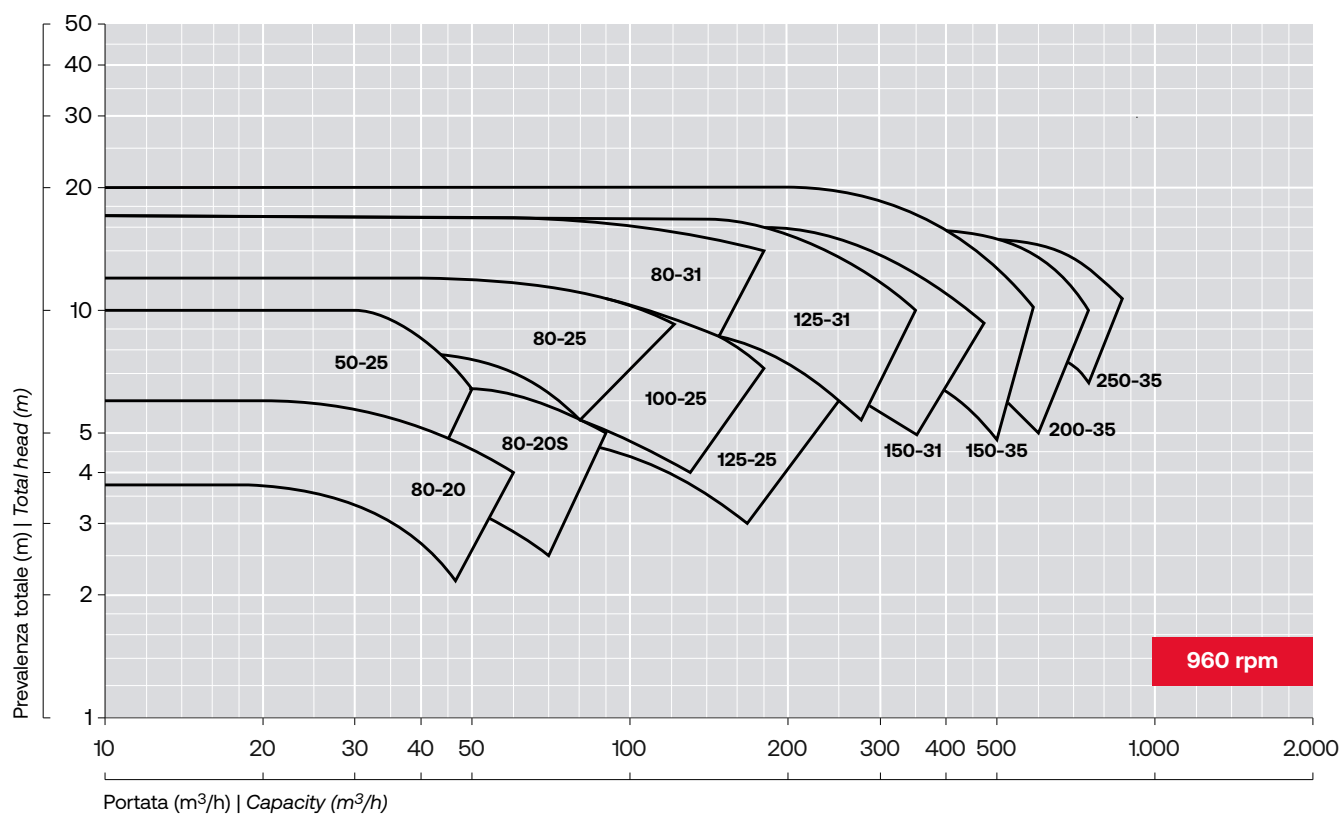
d1	Entrata liquido dispositivo di tenuta	Flushing sealing device inlet
d2	Ingresso/Uscita liquido dispositivo di tenuta	Flushing sealing device Inlet/Outlet
d3	Ingresso/Uscita liquido di raff. cassastoppa	Stuffing box cooling water Inlet/Outlet
d4	Scarico liquido di gocciolamento tenuta	Seal drain
d5	Svuotamento olio lubrificante cuscinetti	Bearing lubricating oil drain
d6	Attacco oliatore a livello costante	Constant level oil cup connection
d7	Tappo di sfiato con astina	Oil dipstick
d8(*)	Attacco manometro	Pressure gauge connection
d9(*)	Scarico liquido	Casing drain

(*) Standard per GR4, a richiesta su altre taglie
(*) Standard for GR4 sizes, on demand for the others

Campi di applicazione
Coverage chart

Girante vortex
Vortex impeller





Curve prestazionali redatte secondo classe di accettabilità
ISO 9906 - Classe 2B.

I valori di NPSH mostrati si riferiscono ad una caduta di prevalenza totale pari al 3%.

Per portate inferiori a $Q=0,3 \times Q_{opt.}$ non è possibile fornire valori attendibili di NPSH.

I valori di prevalenza, potenza, NPSH e rendimento si riferiscono a liquidi con densità relativa pari a 1,0 ed una viscosità cinematica massima di $20 \text{ mm}^2/\text{s}$.

In caso di densità relativa (ρ_r) diversa da 1,0 sarà necessario moltiplicare il valore della potenza per " ρ_r " e dividere di conseguenza il rendimento per " ρ_r ".

Se la viscosità supera i $20 \text{ mm}^2/\text{s}$, dovranno essere valutati gli effetti della viscosità sui parametri prestazionali della pompa e considerare i relativi dati con acqua fredda. Le curve prestazionali si riferiscono a pompe ad asse orizzontale in esecuzione Asse Nudo e tenuta meccanica singola; per configurazioni diverse (cuscinetti maggiorati, tenute meccaniche doppie, pompe ad asse verticale, ecc..) il rendimento della pompa potrebbe differire da quello indicato a catalogo.

Performance curves according to ISO 9906 - Grade 2B
acceptability class.

The given NPSH values correspond to a total head drop of 3%. For flow rates below $Q = 0.3 \times Q_{opt.}$, no reliable NPSH values can be provided.

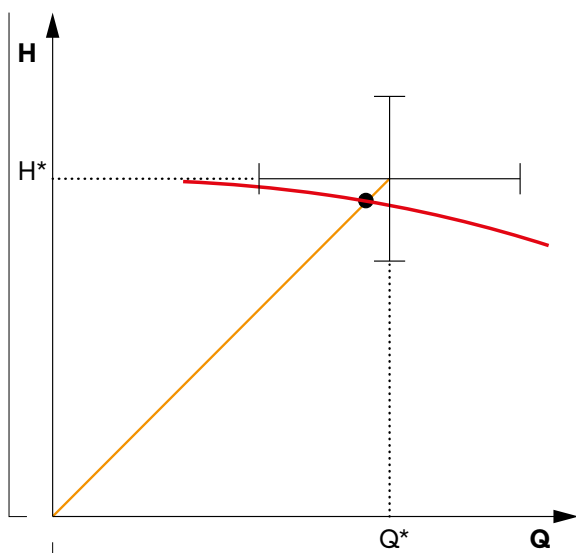
Head, power, NPSH and efficiency values refer to liquids with a relative density of 1.0 and a maximum kinematic viscosity of $20 \text{ mm}^2/\text{s}$.

In case of a different relative density (ρ_r) than 1.0, it will be necessary to multiply the power value by " ρ_r " and, accordingly, divide the efficiency by " ρ_r ".

If the viscosity exceeds $20 \text{ mm}^2/\text{s}$, the effects of viscosity on the pump's performance parameters must be evaluated, considering the related data with cold water.

The performance curves refer to horizontal pumps with bare shaft execution and single mechanical seal.

For different configurations (oversized bearings, double mechanical seals, vertical-axis pumps, etc.), the pump's efficiency may differ from the one indicated in the catalogue.



ISO 9906
Classe 2B
Grade 2B

ΔQ

$\pm 8\%$

ΔH

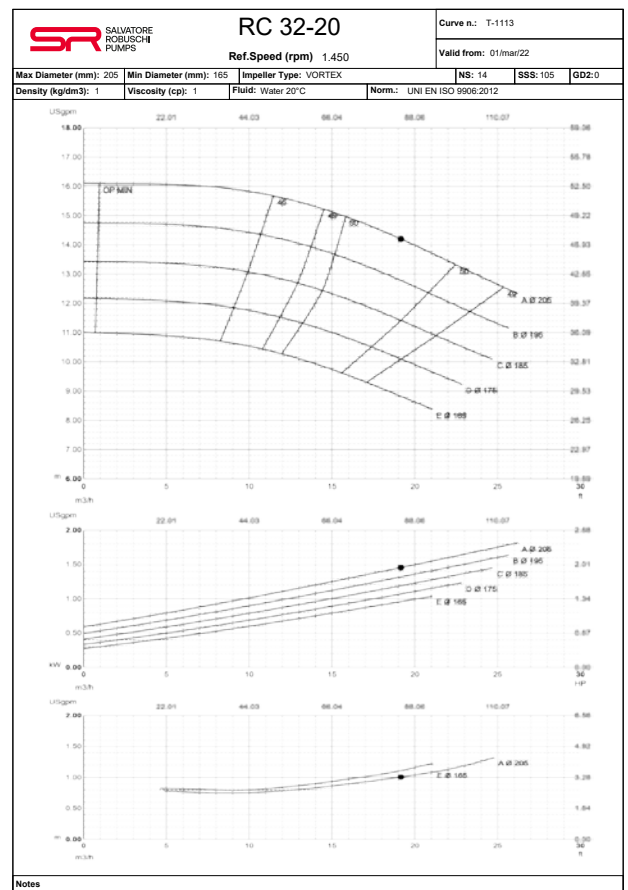
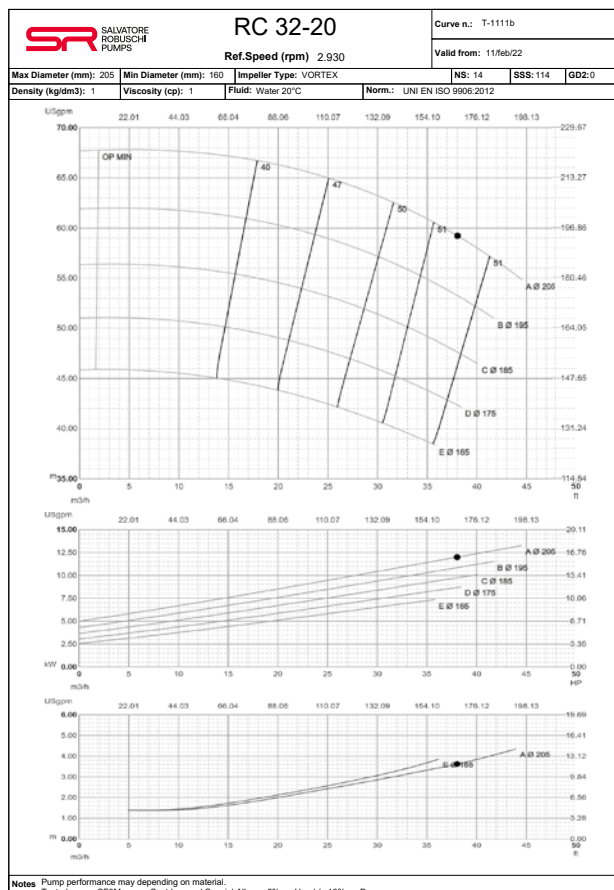
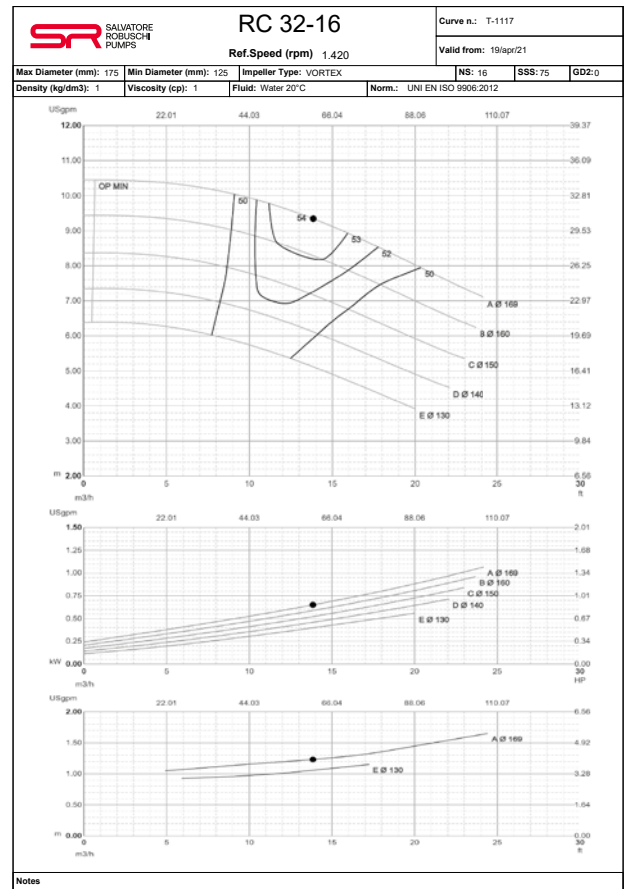
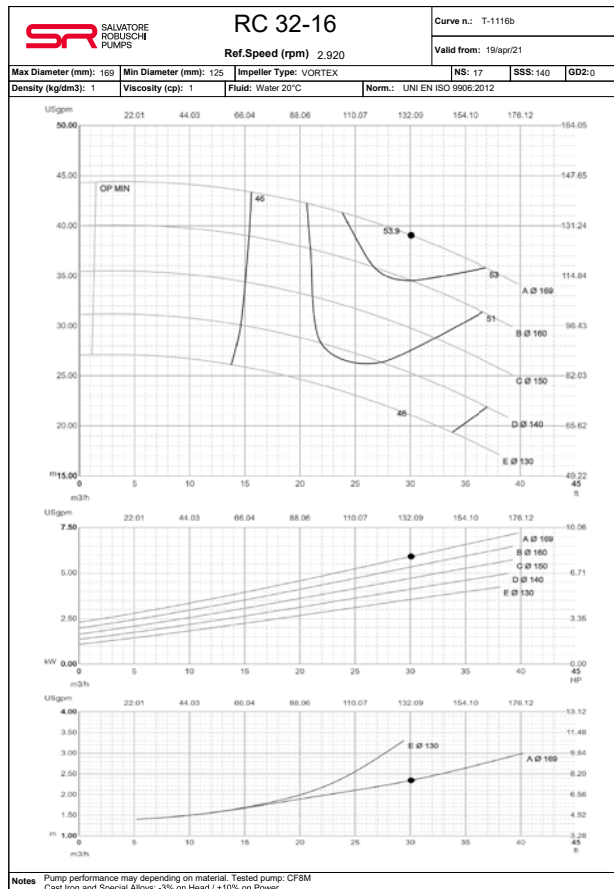
$\pm 5\%$

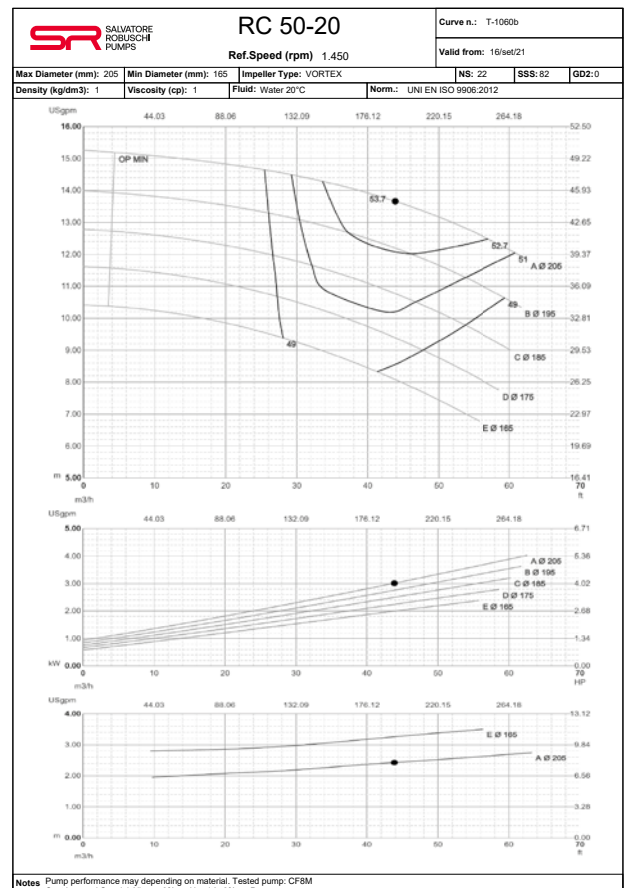
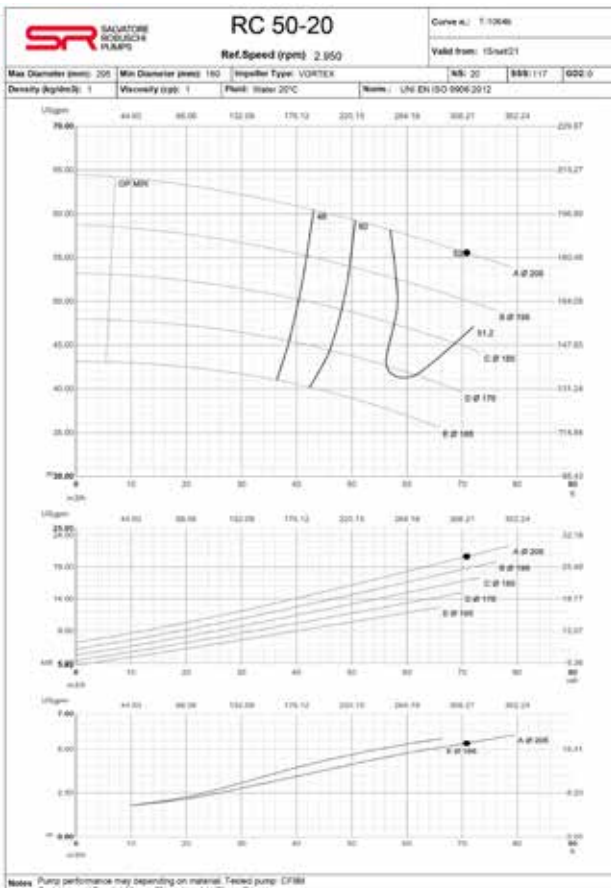
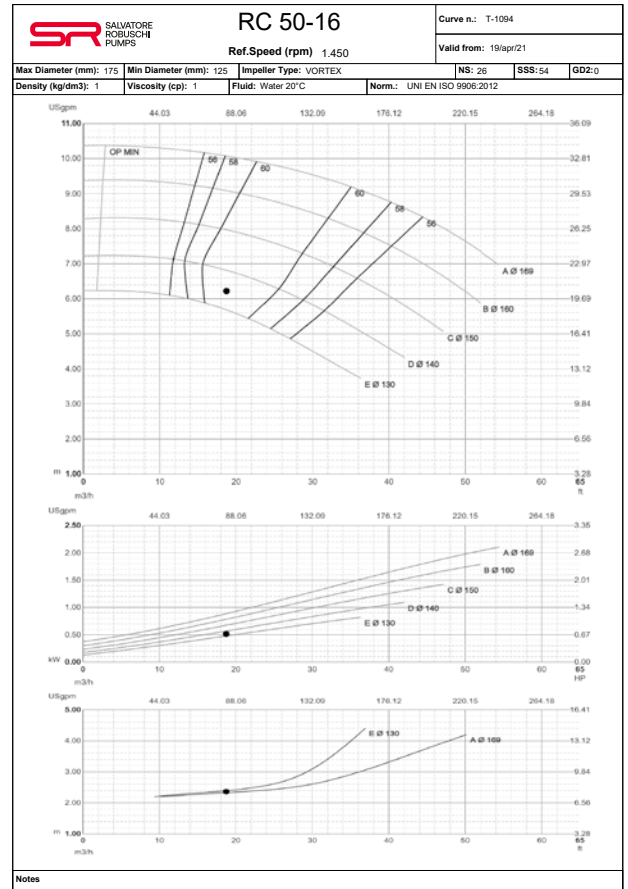
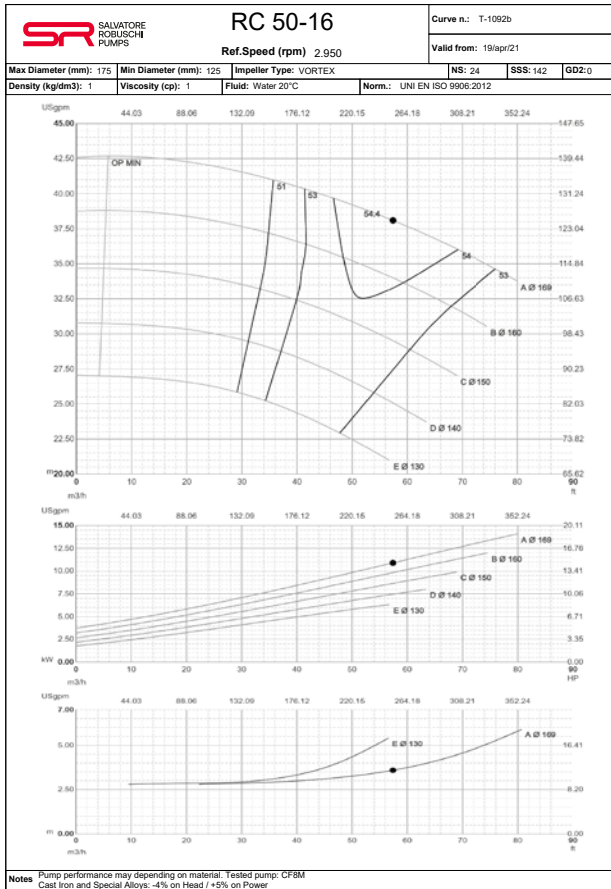
Curve prestazionali

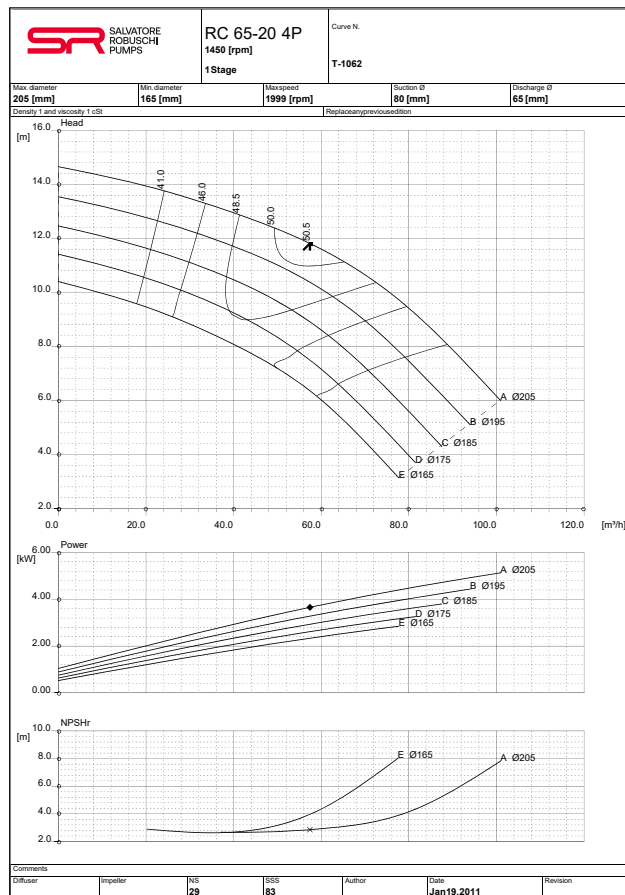
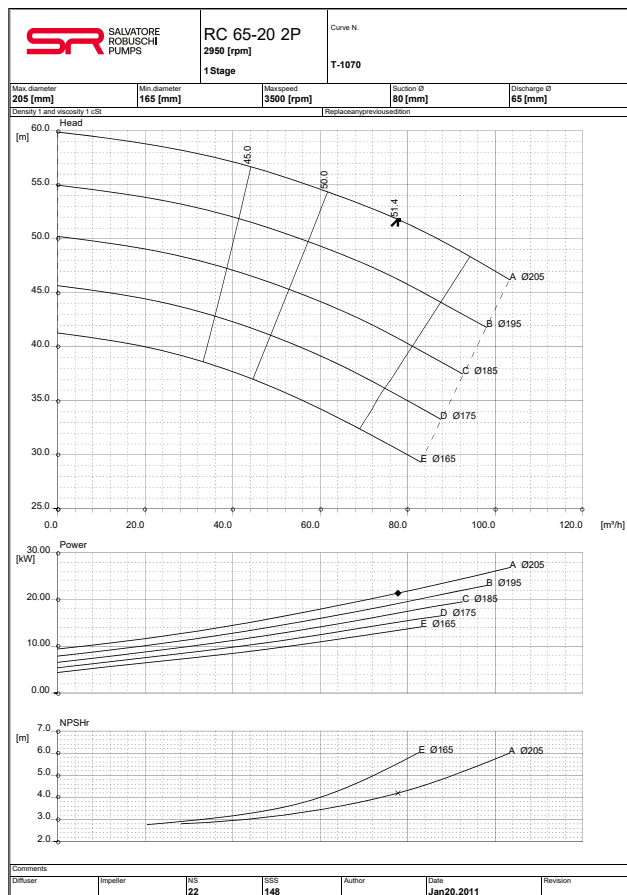
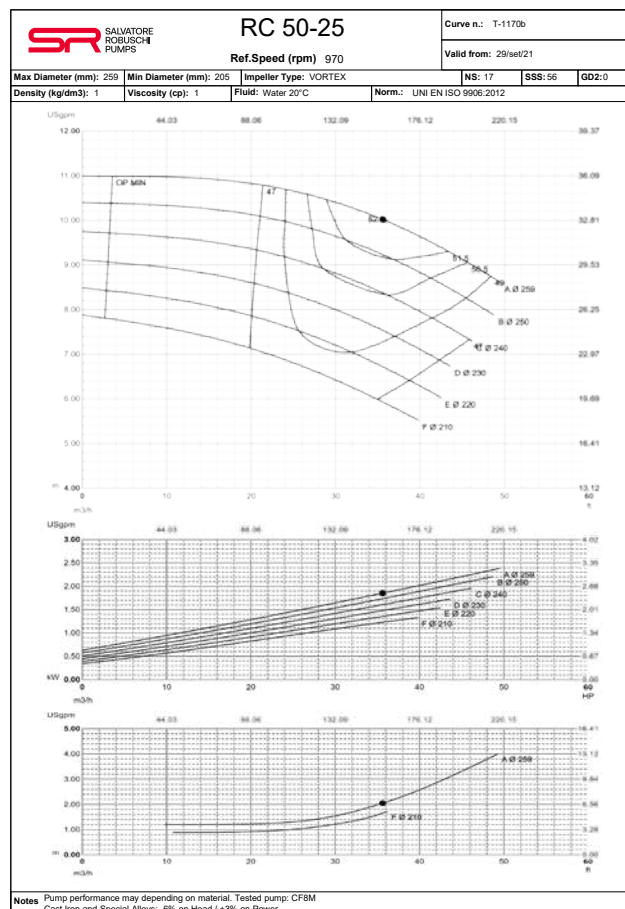
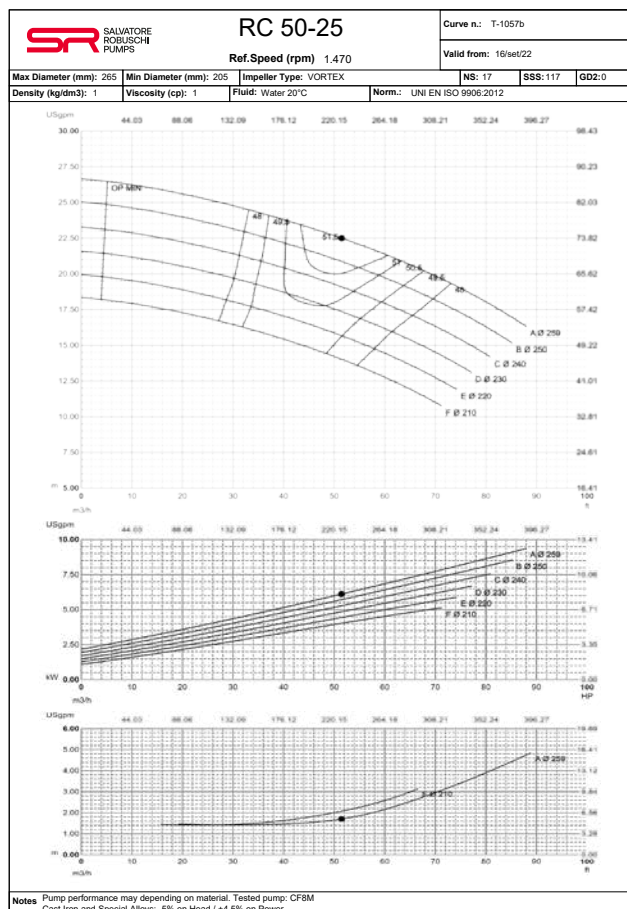
Performance curves

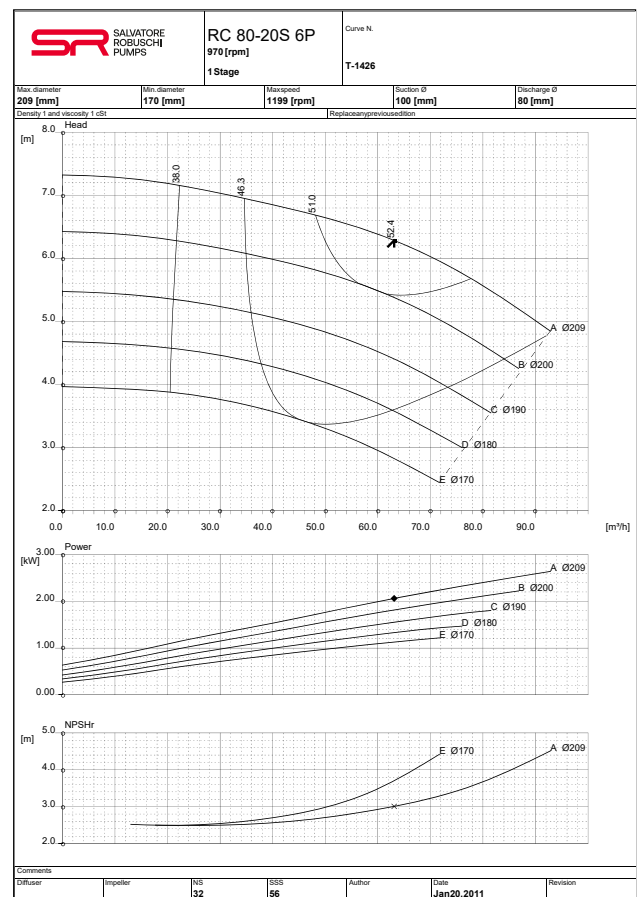
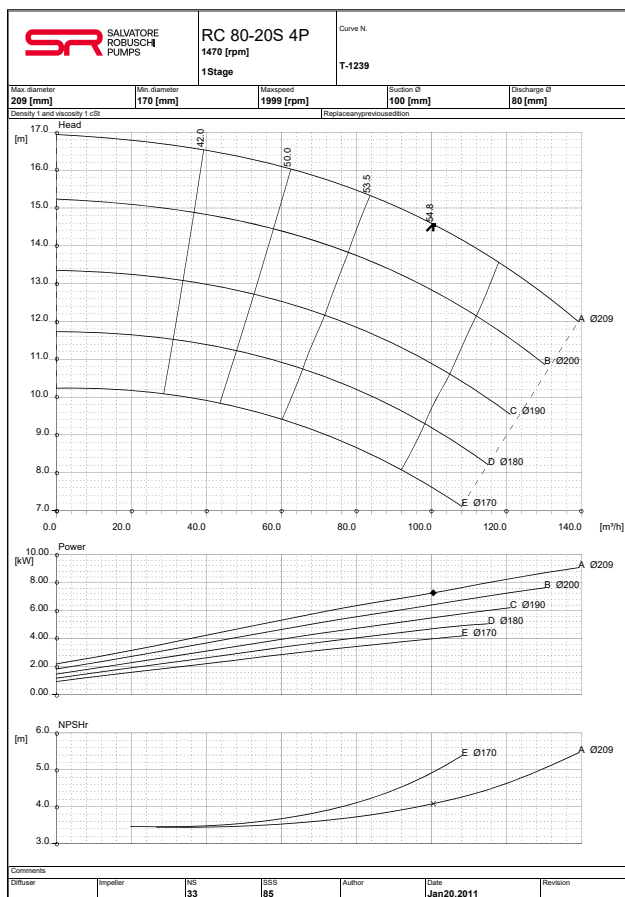
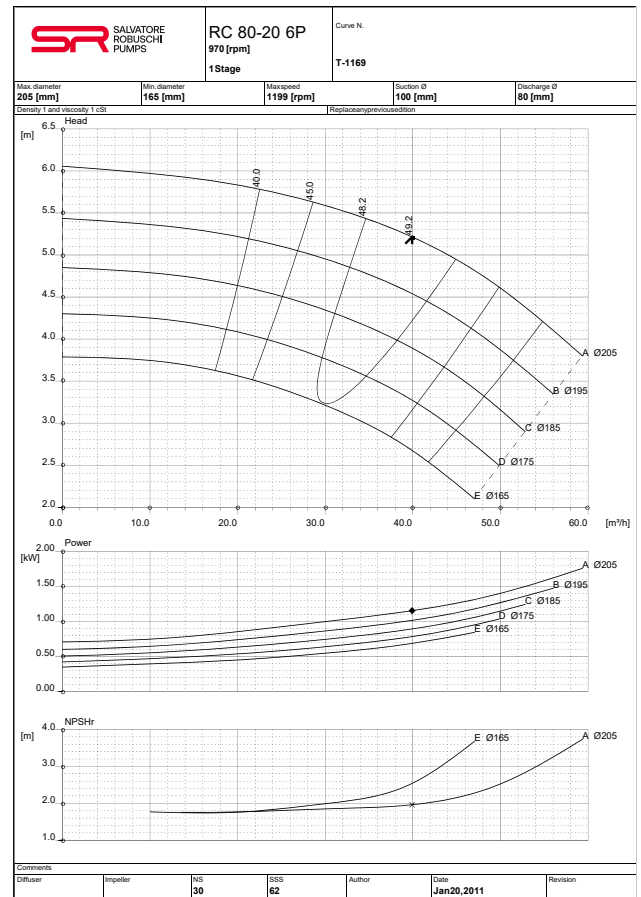
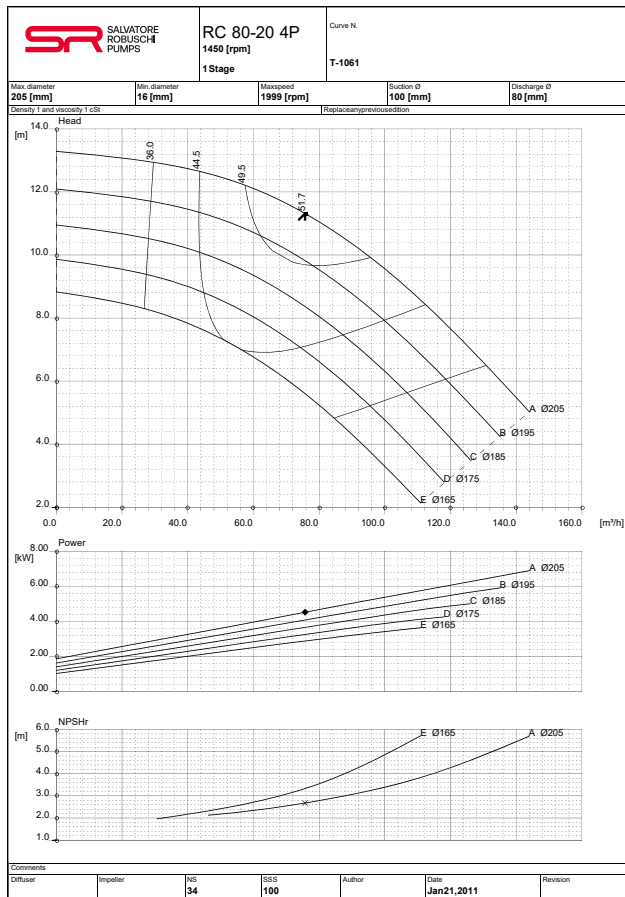
Girante vortex

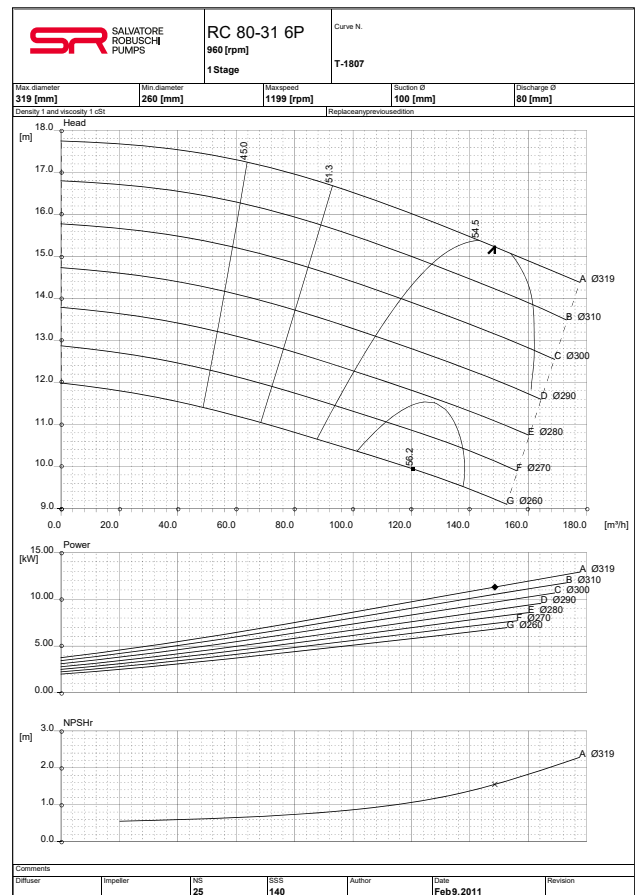
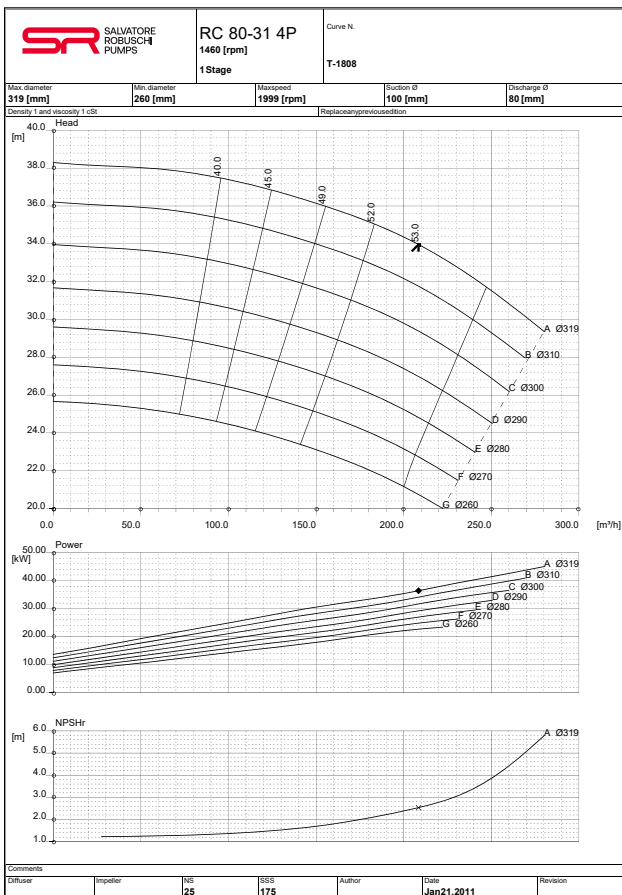
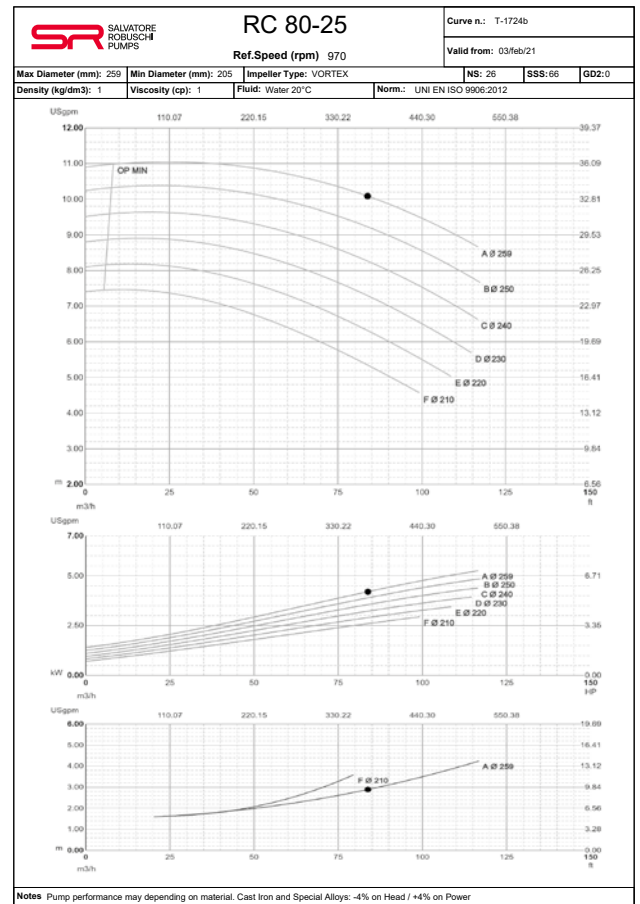
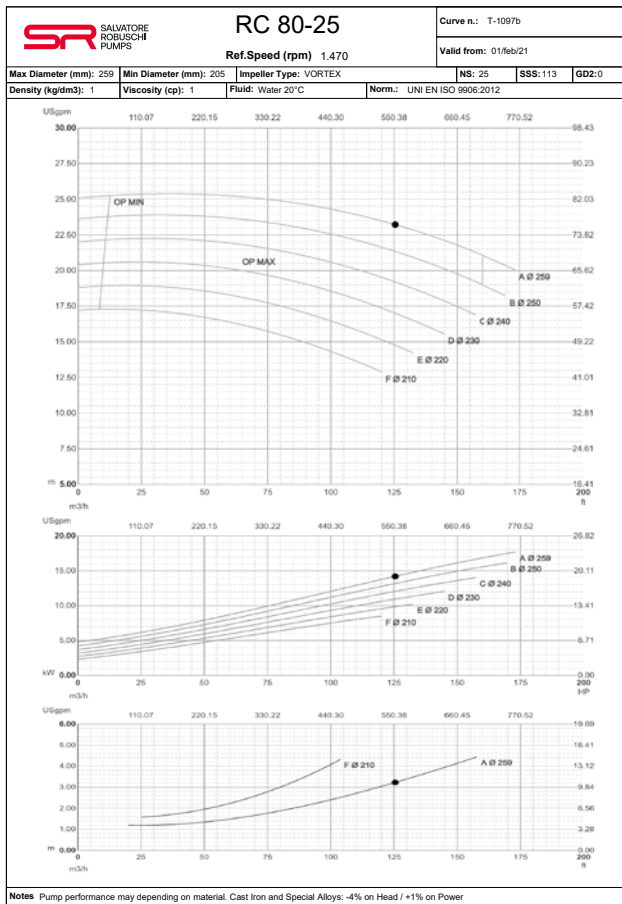
Vortex impeller

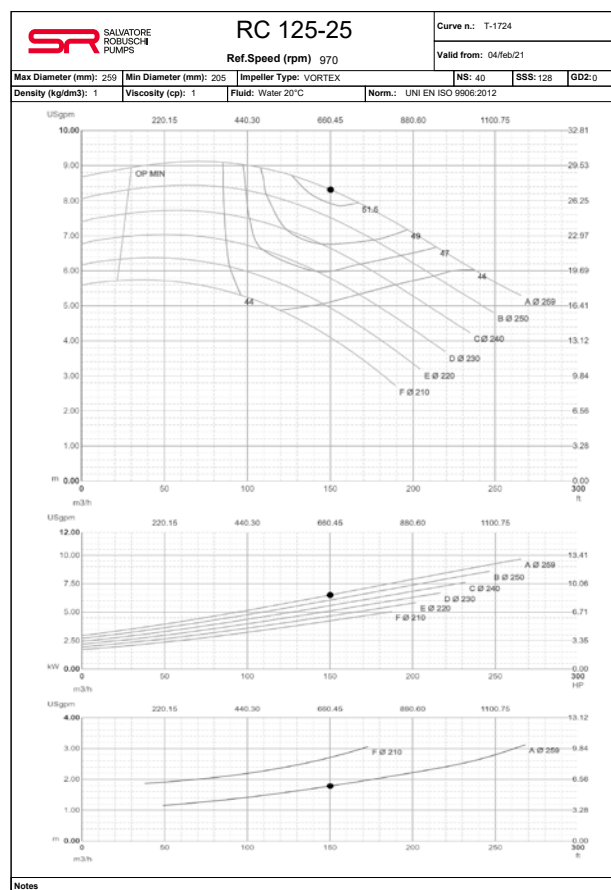
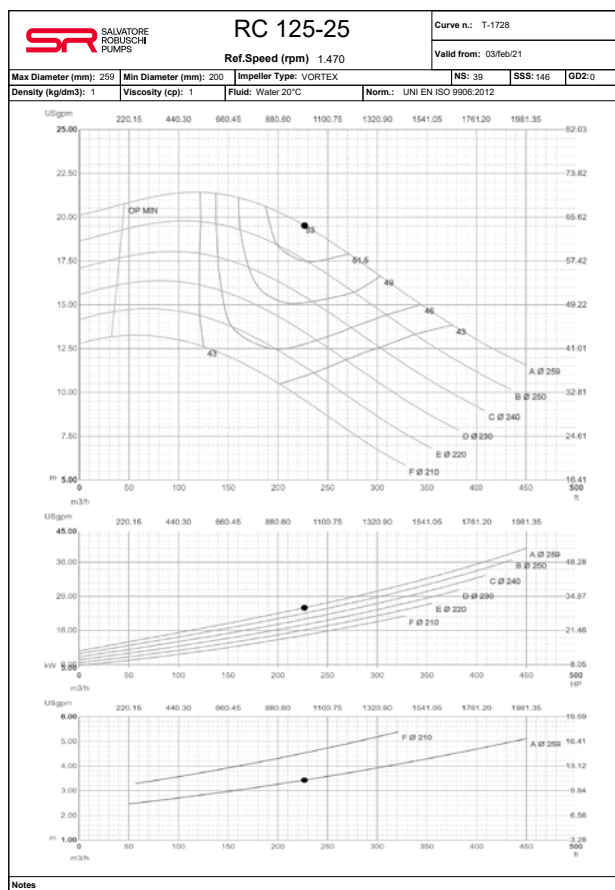
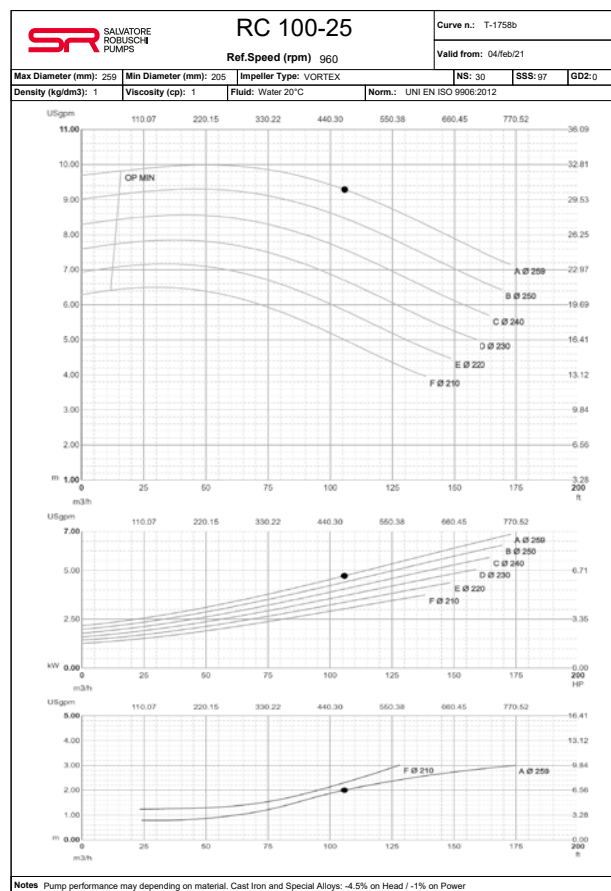
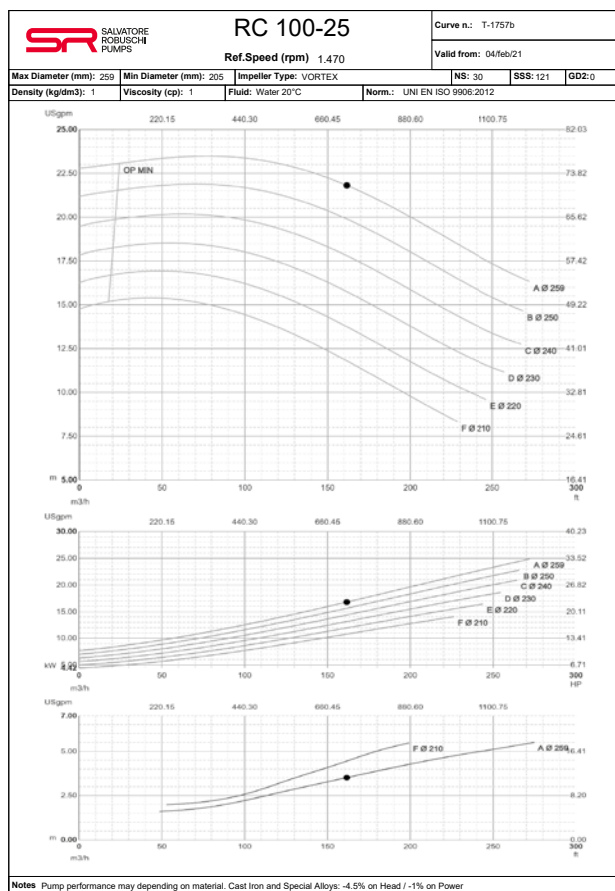


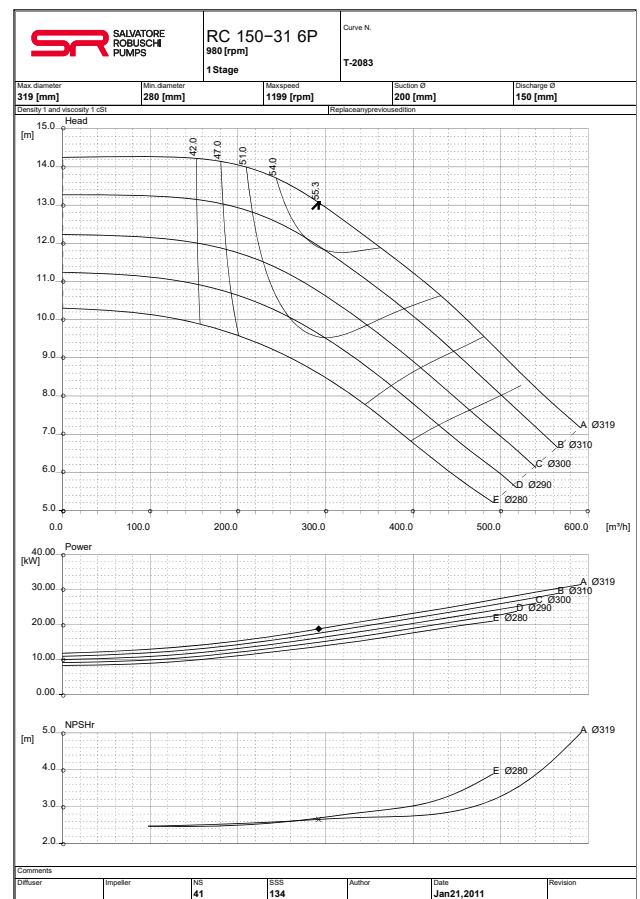
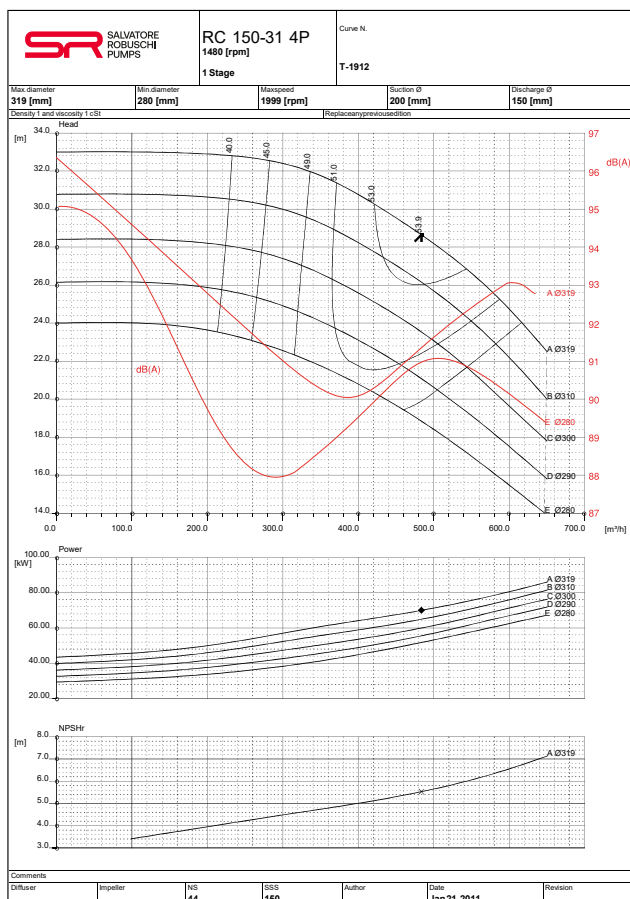
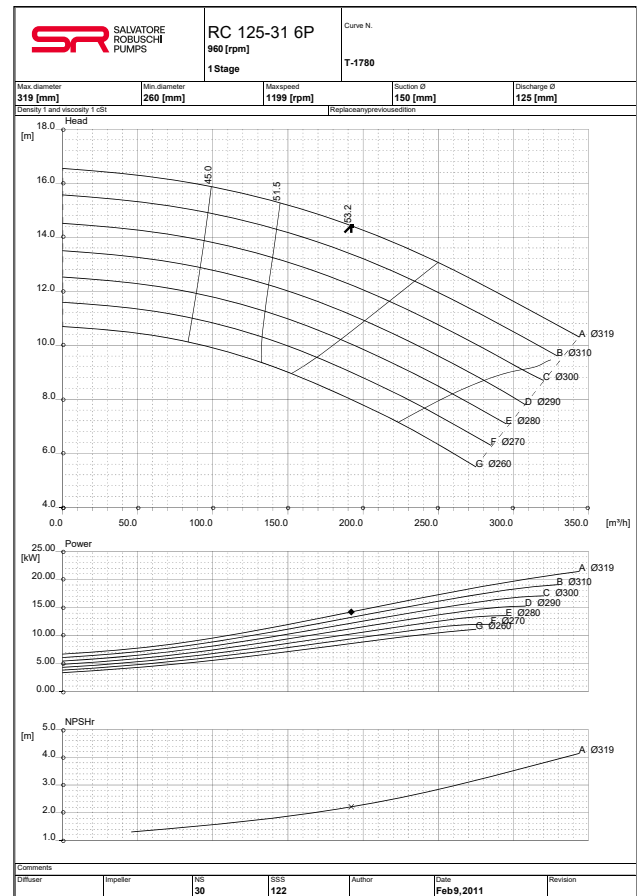
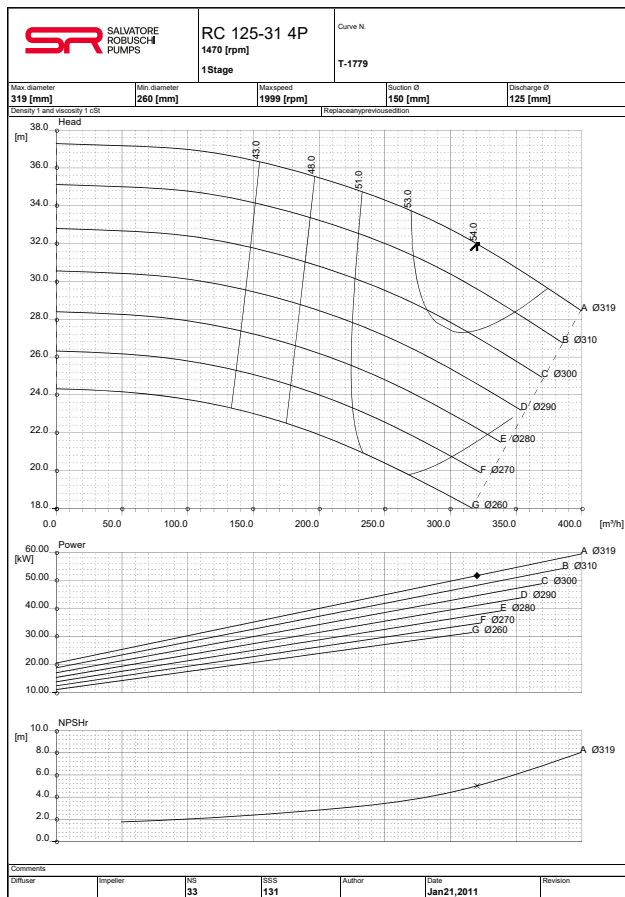


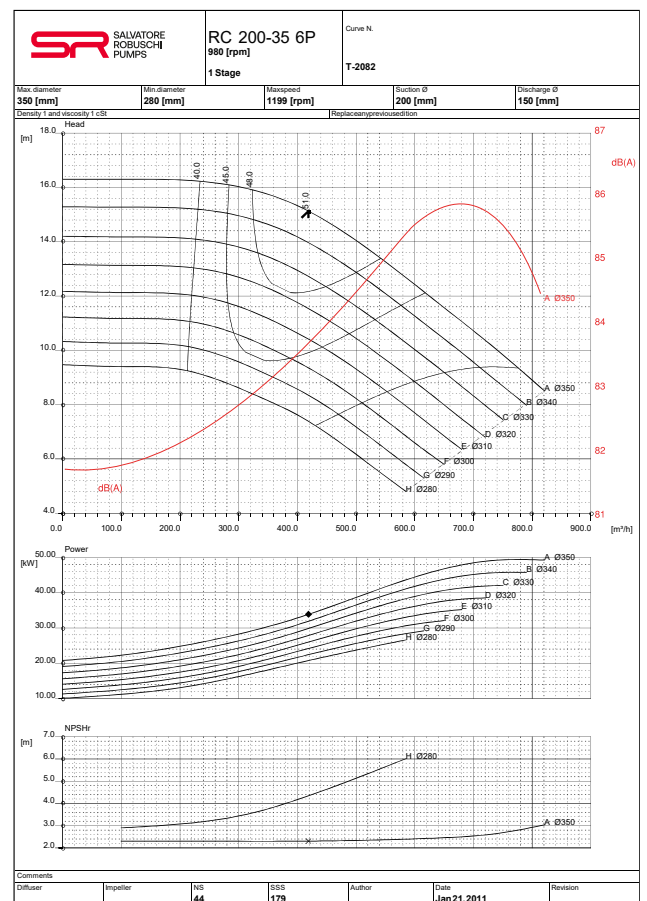
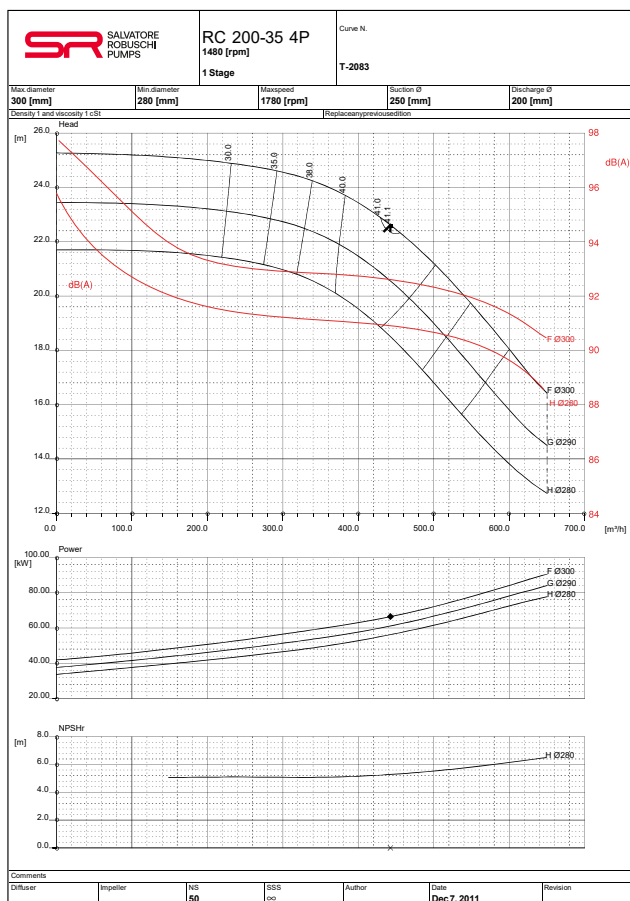
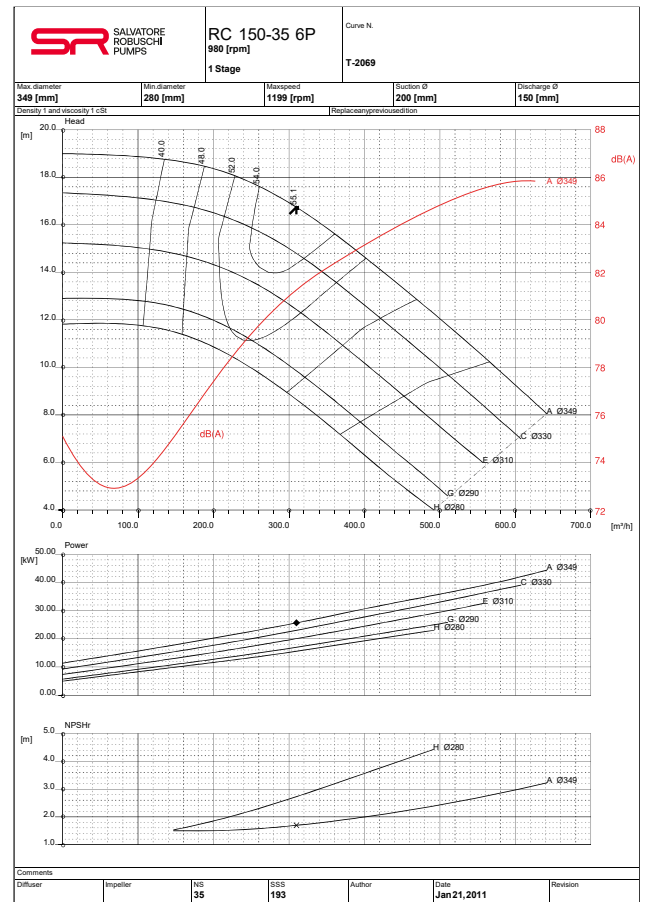
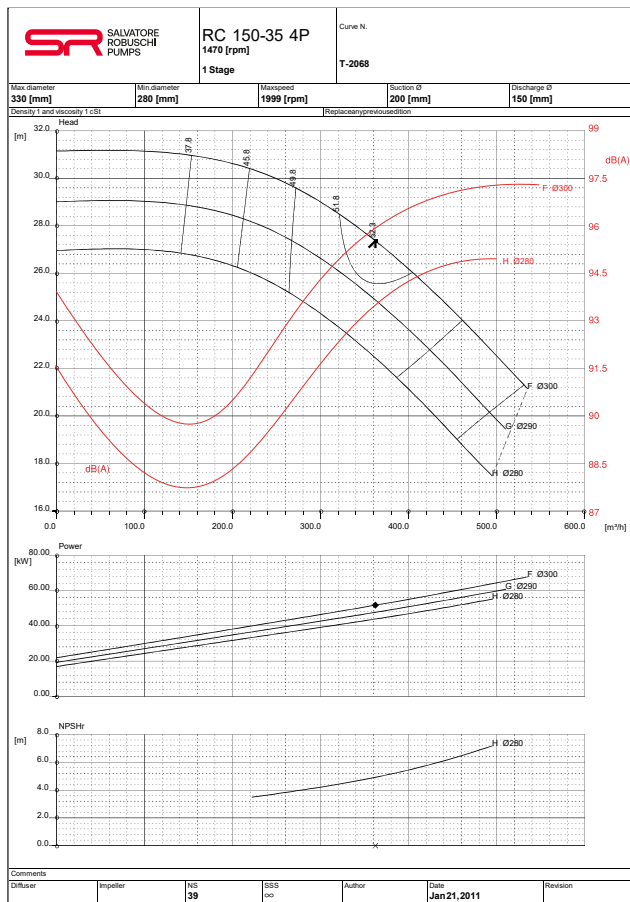


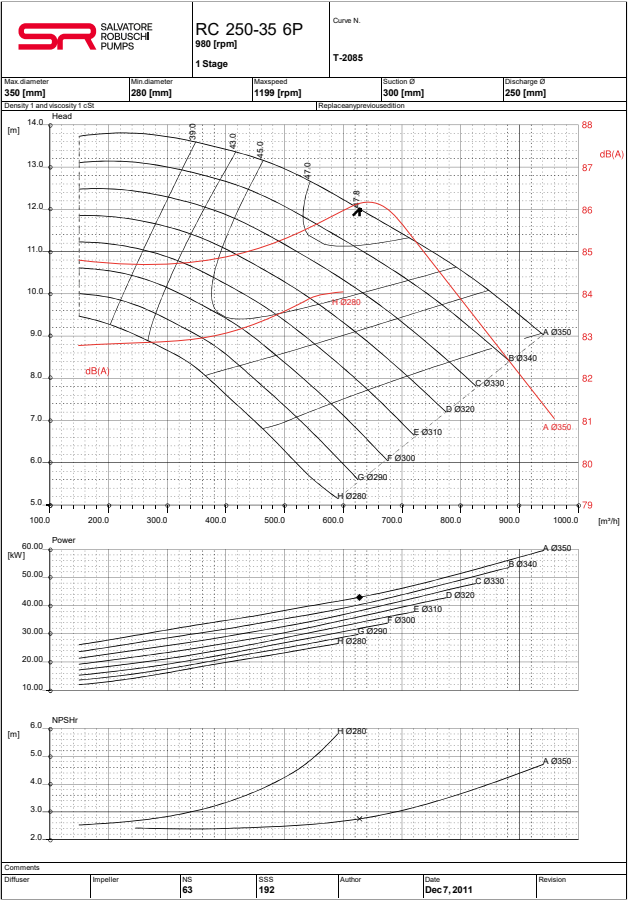
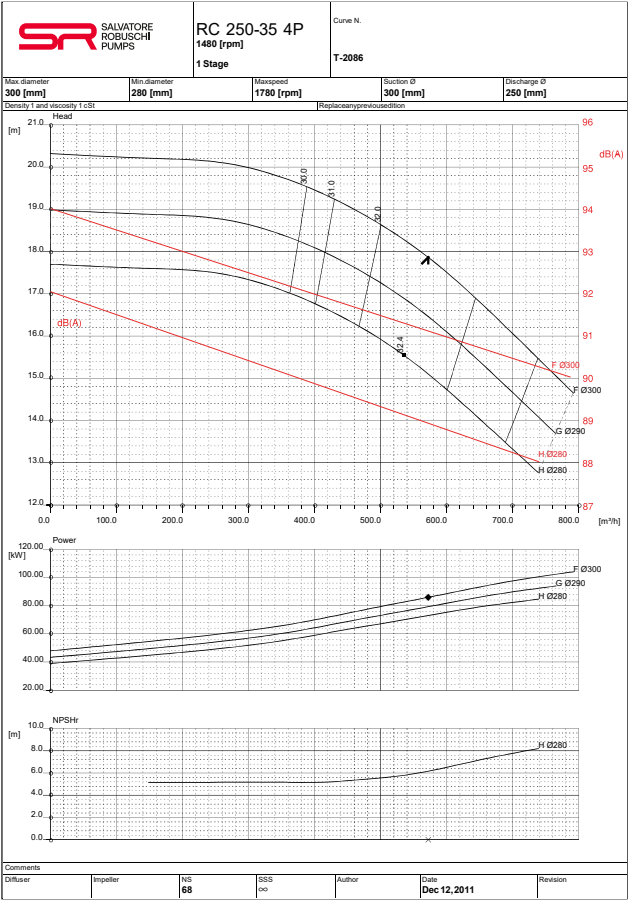












N° parte Part No.	Descrizione Description	Numero di pompe Number of pumps							
		1	2	3	4	5	dal 6 al 7 from 6 to 7	dal 8 al 9 from 8 to 9	10 e superiori 10 and above
210	Albero Shaft	1	1	1	1	2	2	2	20%
230	Girante Impeller	1	1	1	1	2	2	2	20%
320.1	Cuscinetti (Set) Bearing (Set)	1	1	2	2	2	2	3	25%
320.2									
502.1	Anello usura Wear ring	1	1	1	1	2	2	2	20%
135	Piastra usura Wear plate	1	1	1	1	2	2	2	20%
524	Camicia Albero Shaft sleeve	1	2	2	2	3	3	4	50%
506	Anello Paraspruzzi Deflector	1	1	1	1	2	2	2	20%
507	V.ring V.ring	1	1	1	1	2	2	2	20%
400.1	Guarnizioni Idrauliche (Set) Hydraulic gaskets (Set)	2	4	4	5	6	8	8	80%
400.4									
400.5									
400.6									
400.7									
412.3									
400.2	Guarnizioni Supporto (Set) e Paraoli (Set)	2	4	4	5	6	8	8	80%
400.3	Housing Gaskets (Set) and Oil Seals (Set)								
420.1									
420.2									
861.3	Parastrappi Giunto di Trasmissione (Set) Transmission Coupling Clamps (Set)	2	4	4	5	6	8	8	80%
Per pompe con tenute meccaniche For pumps with mechanical seals									
433.1	Tenuta Meccanica Completa (Set) Complete Mechanical Seal (Set)	1	2	2	2	3	3	4	40%
433.2									
Per pompe con baderne For pumps with packings glands									
542	Bussola di fondo Bottom sleeve	1	1	1	1	2	2	2	20%
461	Baderne (Set) Packing glands (Set)	2	4	4	6	6	6	8	100%

N° parte Part No.	Descrizione Description	Numero di pompe Number of pumps							
		1	2	3	4	5	dal 6 al 7 from 6 to 7	dal 8 al 9 from 8 to 9	10 e superiori 10 and above
400.2	Guarnizioni Supporto (Set) Housing Gaskets (Set)	2	4	4	5	6	8	8	80%
400.3									
420.1									
420.2									
400.1	Guarnizioni idrauliche (Set) Hydraulic gaskets (Set)	2	4	4	5	6	8	8	80%
400.4									
400.5									
400.6									
400.7									
412.3									
507	V.ring V.ring	1	1	1	1	2	2	2	20%
524	Camicia albero Shaft Sleeve	1	2	2	2	3	3	4	50%
Per pompe con tenute meccaniche For pumps with mechanical seals									
433.1	Tenuta Meccanica Completa (Set) Complete Mechanical Seal (Set)	1	2	2	2	3	3	4	40%
433.2									
Per pompe con baderne For pumps with packings glands									
461	Baderne (Set) Packing glands (Set)	2	4	4	6	6	6	8	100%

Salvatore Robuschi & C. srl
via Emilio Gino Segrè 11/a
43122 Parma | Italy

t +39 (0)521 606285
f +39 (0)521 606278

salvatorerobuschi.com
srpumps.com

sr@salvatorerobuschi.com

