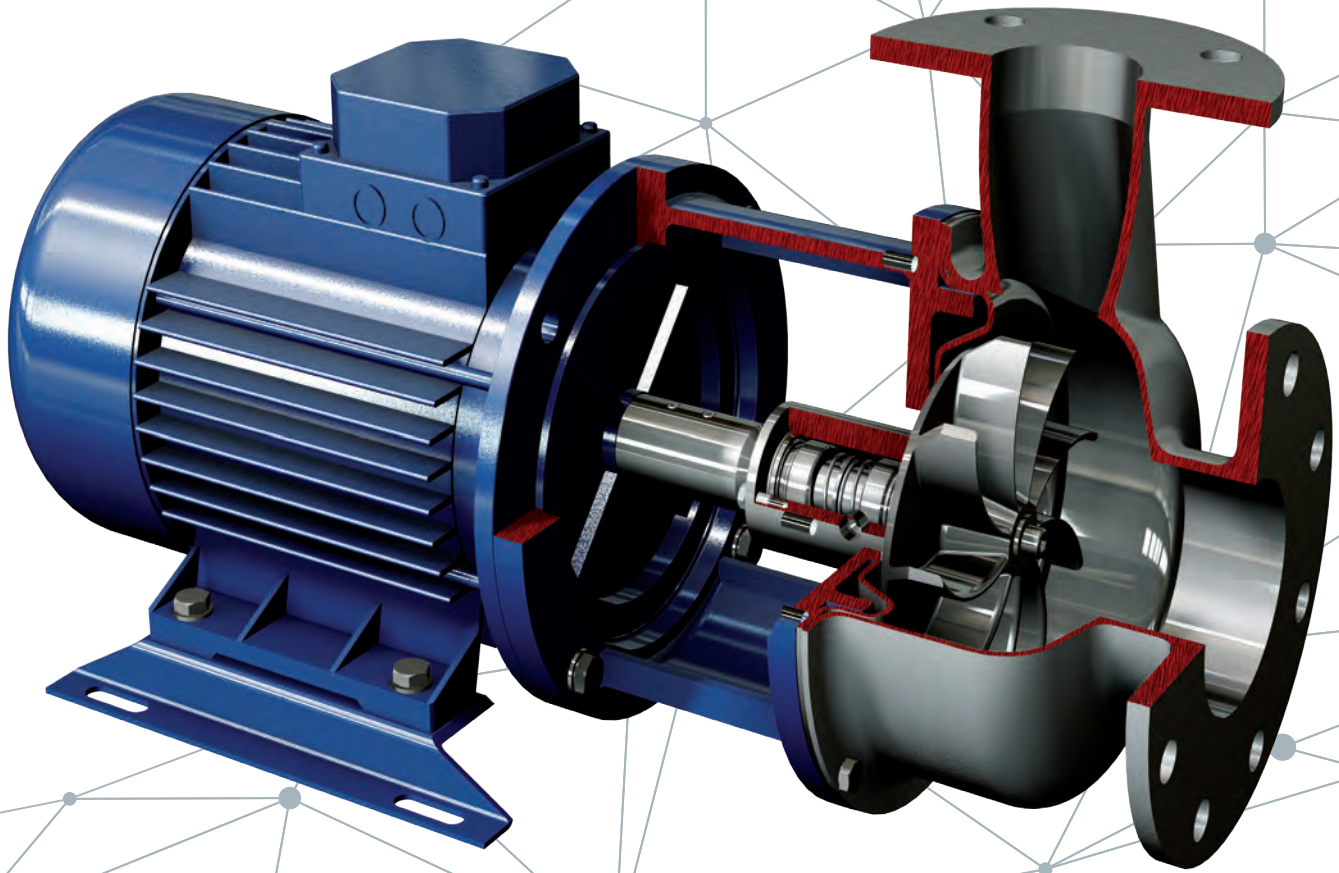
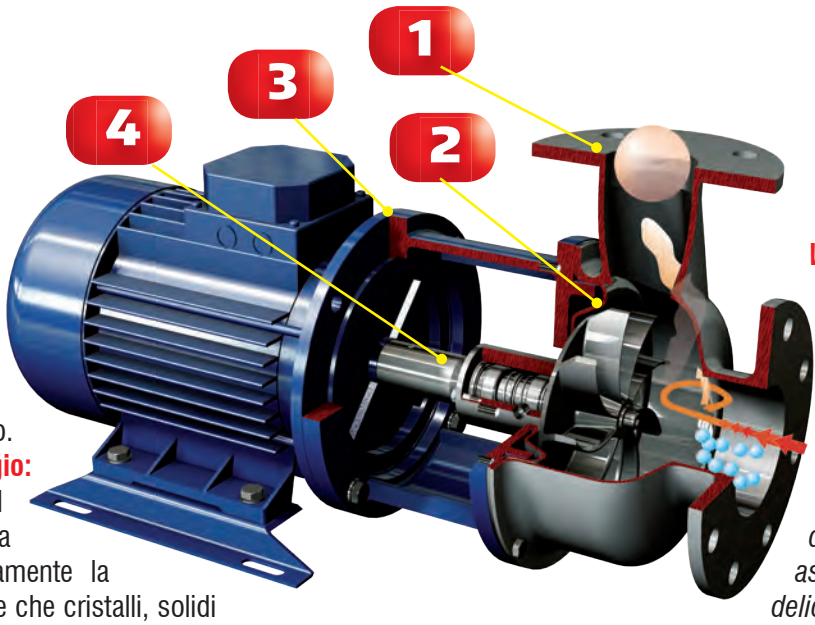
RS

GIRANTE ARRETRATA
VORTEX IMPELLER



GIRANTE ARRETRATA — VORTEX IMPELLER

RS RSA



RS RSA

FUNZIONAMENTO: Le pompe della serie RS/RSA sono pompe monostadio con la girante posta in posizione arretrata nel corpo. **Delicatezza nel pompaggio:** la maggior parte del liquido attraversa la pompa senza interessare direttamente la girante. Questo garantisce che cristalli, solidi delicati, sementi, granuli, fiocchi di fanghi biologici, parti di pellame, ecc... vengano convogliati senza subire danni. **Solidi lunghi e filamentosi** attraversano la pompa senza causare intasamenti. La girante vortex è inoltre in grado di pompare miscele fino al **50% di gas o aria**. Ottime anche nel trasferimento di **prodotti viscosi** fino a 700 cP. Semplicità di costruzione e modularità dei componenti garantiscono limitate scorte di ricambi e bassi costi di esercizio. La scelta dei **sistemi di tenuta** è tale da consentire a queste pompe di essere spesso utilizzate per impieghi complessi. La versione con connessioni alimentari è disponibile anche con motore carenato. **Pressione massima** di lavoro 8 BAR in funzione delle grandezze. **Motori unificati** su tutte le grandezze.

WORKING: *the RS & RSA pumps are single stage ones with a special recessed impeller placed in the back side of casing.* ***Soft pumping:*** *most of the liquid cross the pump casing without involving directly the impeller. This assures that all cristals, delicate solids, granules, flakes of biologic mud, leather parts, etc... are pumped without any damage.* ***Long and filametary solids*** *pass through the pump without causing any clogging. Vortex impeller is able to pump mixtures up to* ***50% of air or gas****. Great solution also to transfer* ***viscous products*** *up to 700 cPs. Thanks to their simple construction and their components modularity, they ensure limited spare parts stock and low running costs. The* ***seal system*** *is so complete that these pumps are often used for difficult applications. The execution with food connections is also available with* ***shrouded motor****. The maximum* ***working pressure*** *is 8 BARS according to the pump size. All pump sizes are equipped with* ***standard electric motors****.*

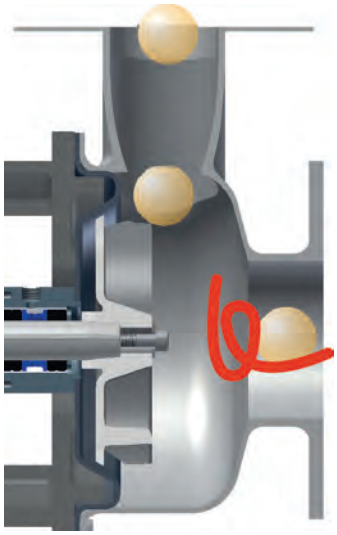
- **IMPIEGHI:**
  - ⇨ INDUSTRIA ALIMENTARE per trasferimento di liquidi con solidi sospesi, lavaggio frutta e ortaggi, lavaggi CIP, carico e scarico autocisterne, ecc...
  - ⇨ IMPIANTI BIODIESEL e BIOETANOLO
  - ⇨ TRATTAMETO ACQUE per liquidi con solidi sospesi anche filamentosi, fanghi biologici e flocculati, latte di calce, sistemi di flottazione con aria fino al 15%.
  - ⇨ INDUSTRIA CHIMICA e FARMACEUTICA di BASE
  - ⇨ INDUSTRIA TESSILE per bagni chimici e salamoie.
  - ⇨ INDUSTRIA CONCIARIA per bagni chimici con sospensione di solidi e filamenti.
- **PASSAGGIO LIBERO:** la gamma comprende pompe con bocche di mandata fino a 65 mm con passaggio libero di 45 mm.
- **VERSATILITÀ**: 8 varianti di sede tenuta per adattarsi ad ogni esigenza d'impianto.
- **MANUTENZIONE:** Motori elettrici unificati per facilitare la manutenzione.
- **MATERIALI:** AISI 316
- **CONNESSIONI:**
  - ⇨ 1) Flange con interassi UNI 2278 PN 16.
  - ⇨ 2) Connessioni alimentari DIN 11851 o altre a richiesta.

- ***USE:***
  - ⇨ *FOOD INDUSTRY: to transfer liquids with suspended solids, fruit and vegetables, ,washing, CIP systems, tanker truk load and unload, etc...*
  - ⇨ *BIODIESEL and BIO-ETHANOL PLANTS.*
  - ⇨ *WATER TREATMENT for liquids with suspended solids, also filamentous, biological sludge, flocculated sludge, calcium hydroxide, flotation systems with 15% air (as maximum).*
  - ⇨ *CHEMICAL and BASIC PHARMACEUTICAL INDUSTRY.*
  - ⇨ *TEXTILE INDUSTRY for chemical baths and brine.*
  - ⇨ *TANNERY INDUSTRY for chemical baths with suspended solids and filaments.*
- ***FREE PASSAGE:*** *the range includes pumps with discharge ports up to 65 mm, free passage of 45 mm.*
- ***VERSATILITY:*** *8 different seal seats arrangement allow these pumps to be used for any plant needs.*
- ***MAINTENANCE:*** *Standardized electric motors in order to semplify maintenance.*
- ***MATERIALS:*** *AISI 316*
- ***CONNECTIONS:***
  - ⇨ *1) Flanged type with UNI 2278 PN 16 interaxis.*
  - ⇨ *2) Food connections DIN 11851 or others on demand.*

CONNESSIONI FLANGIATE O ALIMENTARI
FLANGED or FOOD CONNECTIONS

1 PASSAGGIO LIBERO DI SOLIDI *SOLIDS FREE PASSAGE*

PASSAGGIO LIBERO fino al 60% della BOCCA: la girante posta in posizione arretrata garantisce un passaggio di corpi solidi sferici fino al 60% del diametro della bocca di mandata (vedere tabelle tecniche).Solidi filamentosi e molto lunghi attraversano la pompa senza intasarla. Alcuni esempi: trucioli metallici, erba e parti vegetali, fibre tessili, sacchetti, corde, ossa e resti di macellazione, pezzi di pellame nell'industria conciaria, pomodoro con pelli e gambi, scarti di mele o frutta, verdura a foglia larga, pelli di cipolle e patate, piume, paglia, resti alimentari, scaglie di plastica o bottiglie, parti in legno e trucioli, acque reflue ecc...



Free passage up to 60% of the port: *The recessed impeller assures the passage of solids and filamentous materials up to 60% of the delivery branch port diameter (see technical tables). Long and filamentary solids pass through the pump without causing any clogging. Some examples: swarfs, grass and plant parts, textile fibres, bags, cords, bones and slaughtering parts, leather parts in the tannery industry, tomato with peels and stems, apples and other fruit waste, green leafy vegetable, onion and potatoes skins, feathers, straw, food remains, plastic or bottles parts, wood parts and chips, waste water, etc..*

2 RESISTENZA ALL'ABRASIONE *WEARING RESISTANCE*

RESISTENZA ALL'ABRASIONE: il corpo pompa è stato concepito per il pompaggio di liquidi con solidi sospesi anche leggermente abrasivi. La continuità delle superfici evita zone di intasamento e i punti più soggetti ad usura sono dimensionati in modo adeguato.

ABRASION RESISTANCE: *the pump casing has been designed to pump liquids together with suspended solids even if slightly abrasive. Surface continuity avoids the risk of any clogging. The main wearing points have been properly shaped.*

3 MOTORE ELETTRICO UNIFICATO *STANDARD ELECTRIC MOTOR*

I MOTORI UNIFICATI utilizzati sulle pompe RS - RSA sono di tipo B5 - B3B5 o B3B14 a seconda delle grandezze e sono normalmente reperibili sul mercato. L'albero è fissato sopra quello del motore e può essere sostituito in caso di usura.

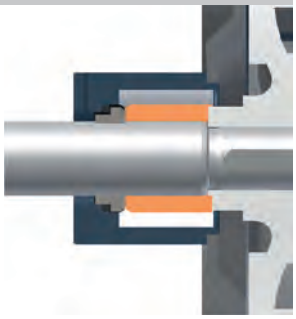
STANDARD MOTORS *mounted on RS - RSA pumps have B5 - B3B5 or B3B14 shape acoording to the pump size, which are easily available on the market. The shaft is fixed on the motor shaft and it is replaceable in case of wearing.*

4 SISTEMI DI TENUTA *SEAL SYSTEM*

Standard / E *single seal*

Tenuta meccanica singola auto lubrificata PLAN 02. Disponibile anche per PLAN 11-32 (**esec. «E»**)

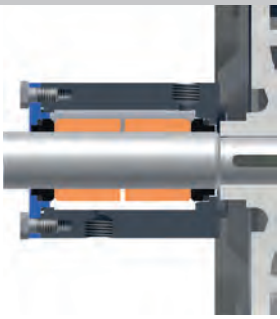
*Self lubricated single mechanical seal PLAN 02. Also available for PLAN 11-32 (**«E» exec.**)*



C *double back to back mechanical seal*

Tenuta doppia contrapposta. PLAN 53 - PLAN 54

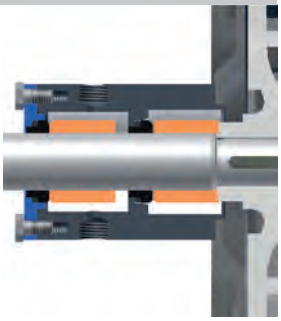
Double back to back seal. PLAN 53 - PLAN 54



L *double tandem mechanical seal*

Tenuta doppia in tandem. PLAN 52. Disponibile anche foro di lavaggio per tenuta lato prodotto

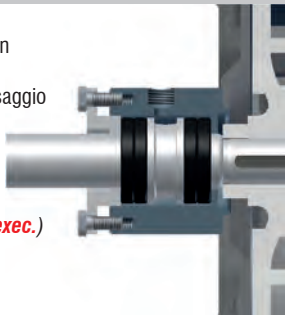
Double tandem mechanichal seal. PLAN 52. Also suitable washing connection for the pump side seal



B (S) *gland packing (with flushing)*

Tenuta a baderna. Disponibile anche con anello idraulico (**esec. «S»**) per flussaggio da fonte esterna.

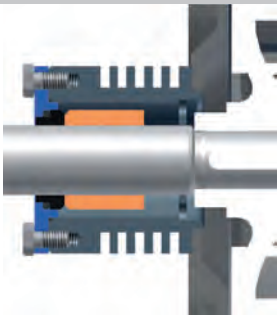
*Packing gland. Also available with hydraulic ring (**«S» exec.**) for external flushing.*



R *air cooled chamber*

Camera di raffreddamento in aria

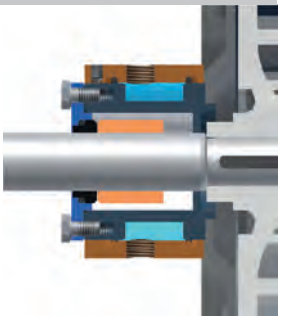
Air cooled chamber



H *eating / cooling chamber*

La camera di raffreddamento o riscaldamento si può installare facilmente su tutte le pompe della serie RS

The heating or cooling chamber can be easily installed on all RS pumps



Sigla identificazione — ***Identification mark***

IT

RSM 50 20A 4A75 C181 3
1 2 3 4 5 6 7 8

EN

1 Modello pompa
RSM Pompa monoblocco con flange EN 1092-1
RSA Pompa monoblocco con attacchi DIN 11851
RSS Pompa monoblocco con attacchi fuori standard

2 Grandezza pompa

3 Riduzione girante
"A" diametro massimo
"B" 1° riduzione
"C" 2° riduzione
"AR"= riduzione intermedia (tra A e B)

4 Polarità motore
2 = motore elettrico a 2 poli
4 = motore elettrico a 4 poli
6 = motore elettrico a 6 poli
8 = motore elettrico a 8 poli

5 Potenza motore elettrico

A - 0.25 — 0.75 kW

B - 1.1 — 9.2 kW

C - 11 — 90 kW

D - 110 — 400 kW

1 *Pump type*
RSM *Closed coupled pump with flange EN 1092-1*
RSA *Closed coupled pump with DIN 11851 connection*
RSS *Closed coupled pump with not standard connection*

2 *Pump size*

3 *Impeller trim*
"A" maximum diameter
"B" 1° trim
"C" 2° trim
"AR" = intermediate trim (between A and B)

4 *Motor polarity*
2 = 2 poles electric motor
4 = 4 poles electric motor
6 = 6 poles electric motor
8 = 8 poles electric motor

5 *Electric motor power*

KW	0.25	0.37	0.55	0.75
Cod.	A25	A37	A55	A75

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

KW	11	15	18.5	22	30	37	45	55	75	90
Cod.	C11	C15	C18	C22	C30	C37	C45	C55	C75	C90

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 **M:** 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

Vedere tabella dispositivi di raffreddamento (o riscaldamento) e di tenuta

6 *Sealing system*
M *Execution: Single mechanical seal*
B *Execution: Gland packing without flushing*
S *Execution: Gland packing with flushing (inlet only)*
H *Execution: Heating or cooling chamber*
C *Execution: Double back to back mechanical seal*
L *Execution: Double tandem mechanical seal*
A *Execution: Single mechanical seal with throttle bushing*

See cooling (or heating) devices table or seal table

7 Codice tenuta meccanica primaria

Nota
Per esecuzioni "B" e "S"=000

7 *Primary mechanical seal Code*

Note
For "B" and "S" executions=000

8 Codice componenti principali della pompa

8 *Identification code for pump's parts*

DESCRIZIONE	DESCRIPTION	CODICE MATERIALE POMPA - *PUMPS MATERIAL CODE*
		3
CORPO	CASING	CF8M (AISI 316)
COPERCHIO CORPO	CASING COVER	CF8M (AISI 316)
GIRANTE	IMPELLER	CF8M (AISI 316)
ALBERO	SHAFT	AISI 316L
PIEDE SOSTEGNO	SUPPORT FOOT	S 235 JR
LANTERNA	LANTERN BRACKET	GJL 200 / GJL 250 / S 235 JR
COPERCHIO TENUTA SINGOLA	SINGLE MECHANICAL SEAL COVER	AISI 316L
COPERCHIO TENUTA DOPPIA	DOUBLE MECHANICAL SEAL COVER	AISI 316L
OGIVA GIRANTE	IMPELLER HUB	AISI 316L

Descrizione - *Description*	Unità di misura - *Unit of measurement*	Grandezze - *Size*											
		20-08	25-12	32-12	40-12	32-16	40-16	50-16	65-16	32-20	40-20	50-20	65-20
Grandezza lanterna - *Lantern bracket size*		1	2			3				4			
Corpo - *Casing*													
Spessore corpo - *Casing thickness*	mm	4	4	3	3	3	3	3	3	5	5	5	5
Pressione di progetto - *Design pressure*	bar	4	6							8		6	
Foro drenaggio - *Casing drain*		A richiesta - on request											
Girante - *Impeller*													
Numero di pale - *Blade number*	mm	6	6	6	6	9	9	9	9	6	6	9	9
Passaggio sferico RS/RSA - *Max.sphere RS/RSA*	mm	12	15	22	30	22	30	40	50	5	6	40	50
Dia ingresso - *Inlet diameter*	mm	25	32	50	65	50	65	80	100	50	65	65	80
Dia massimo - *Max.diameter*	mm	85	130	130	130	170	170	170	170	209	209	209	209
Dia minimo - *Min.diameter*	mm	65	85	85	85	135	135	135	135	160	160	170	170
Momento di inerzia J[a] - *Moment of inertia J[a]*	kgm ^{2}	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,02	0,02	0,02	0,02
Cassa stoppa - Seal chamber													
Diametro - *Diameter*	mm	40								49			
Profondità - *Depth*	mm	45								51			
Sezione baderna - *Section packing*	mm	8								8			
N.° anelli baderna con anello idraulico *Packing ring with lantern ring*		4								5			
N.° anelli baderna senza anello idraulico *Packing ring without lantern ring*		5								6			
Dia. tenuta meccanica - *mechanical seal diameter*	mm	24								33			
Ingresso anello idraulico - Lantern ring holes		G.1/4								G.1/4			
Ingresso Ten. Mecc. - Connections mech. seal		G.1/4								G.1/4			
Camera di raffreddamento - *Cooling jacket*													
Pressione max - *Max.pressure*	bar	-	3										
Pressione di prova - Max.hydrostatic pressure	bar	-	4,5										
Connessioni - Connections holes		G.1/4											
Albero - *Shaft*													
Diametro albero - *Shaft diameter*	mm	24								33			
Diam. sotto la girante - *Shaft dia. Under impeller*	mm	Conico 5°								20			
Potenza max. - *Max. Power*													
Valore max. P/n - Max.value P/n		0,0052				0,0064				0,0076			
Potenza max. - *Max.power to 960 1/min.*	kW	5				6				7,3			
Potenza max. - *Max.power to 1450 1/min.*	kW	7,5				9,2				11			
Potenza max. - *Max.power to 2900 1/min.*	kW	15				15		-		15		-	
Forma mot. elettrico - El. *motor shape*													
Kw 0,55 / 2 poli - size 71		B34				-							
Kw 0,75 - 1,1 - 1,5 - 2,2 / 2 poli - size 80 / 90		-	B5			-							
Kw 3 - 4 / 2 poli - size 100 / 112		-	B3B5										
Kw 5,5 - 7,5 - 9,2 - 11 / 2 poli - size 132		-	B3B5										
Kw 0,37 / 4 poli - size 71		B34				-							
Kw 0,55 - 0,75 - 1,1 - 1,5 / 4 poli - size 80 / 90		-	B5			B3B5							
Kw 2,2 - 3 - 4 / 4 poli - size 100 / 112		-	B3B5										
Kw 5,5 - 7,5 - 9,2 / 4 poli - size 132		-				B3B5							

I dati indicati non sono impegnativi e possono cambiare con le condizioni di lavoro
Technical data are indicative and they can change according to pump work

[a] Dividi per 1000 per ottenere il momento di inerzia J in kgm2
Divide by 1000 to obtain the moment of inertia J in kgm2

Limiti di pressione e di temperatura

(Senza prescrizioni speciali)

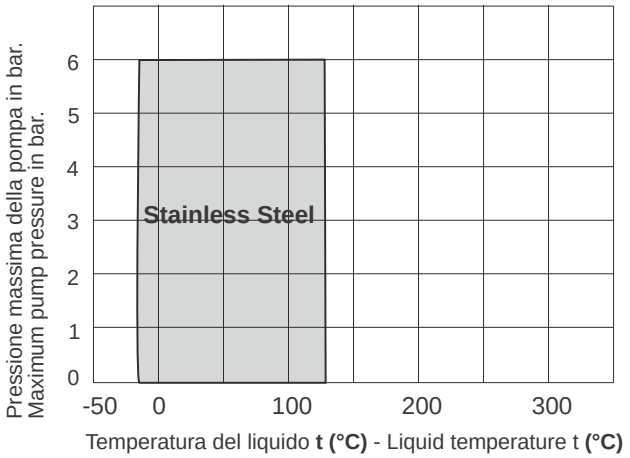
Impiego per tutti i liquidi, ad eccezione di acqua calda e liquidi diatermici organici.

Pressure and temperature limits

(Without special advice)

For all liquids, except for hot water and organic diathermic liquid.

Materiali di costruzione:
Construction materials:



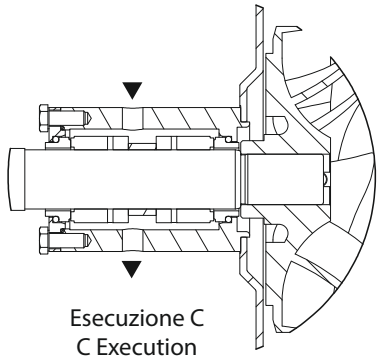
Materiali a richiesta: Sanicro, SAF
Materials on request: Sanicro, SAF

LIMITI DI IMPIEGO
DUTY LIMITS

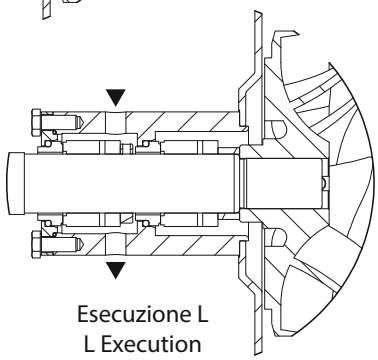
Materiale	Temperatura	Pressione
Acciaio	-20 +120	6 Bar[a]

Material	Temperature	Pressure
Stainless Steel	-20 +120	6 Bar[a]

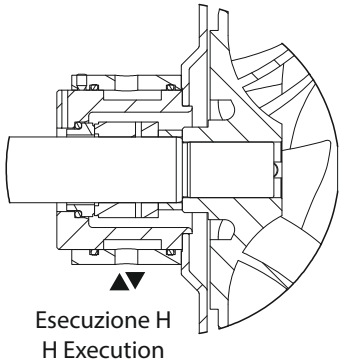
[a] 8 Bar per le grandezze 32-20; 40-20; 50-20; 65-20
8 Bar for size 32-20; 40-20; 50-20; 65-20



Esecuzione C
C Execution



Esecuzione L
L Execution

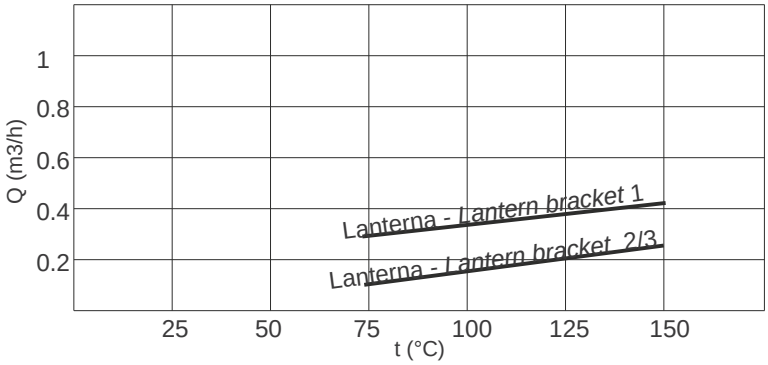


Esecuzione H
H Execution

Flussaggio tenuta meccanica contrapposta **esecuzione C-L**
Back to back mechanical seal flushing **C-L execution.**

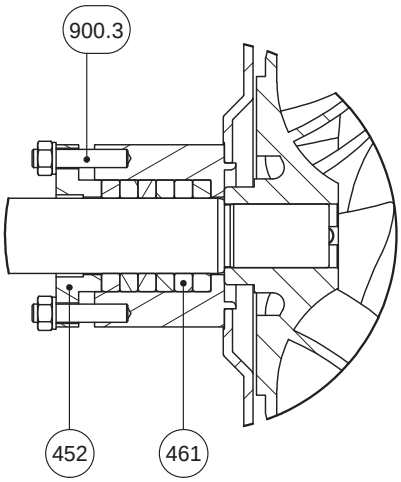
Lanterna Lantern bracket	Dia. ten. mecc. Mech. seal dia. [mm]	Portata flussaggio Flushing capacity [l/min].		P di flussaggio Flushing pressure [bar]	
		2900 rpm	1450 rpm	C	L
1	24	0,8	0,4	0.5 > p mandata 0.5 > discharge p	< 0.3
2-3	33	1,4	0,7		

Flussaggio camera di raffreddamento esecuzione H
Cooling chamber flushing H execution.

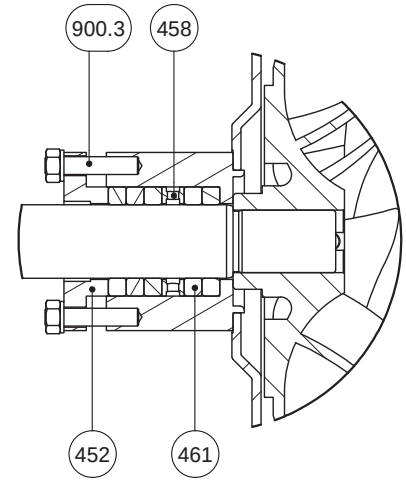


Dispositivi di raffredamento (o riscaldamento) e di tenuta — *Cooling (or heating) and sealing device*

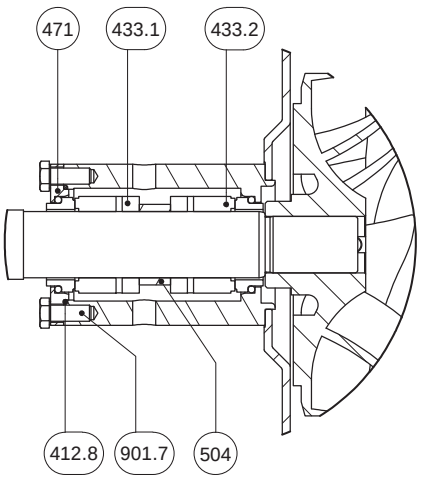
Tenuta a Baderna
Packing Gland
Exec. B



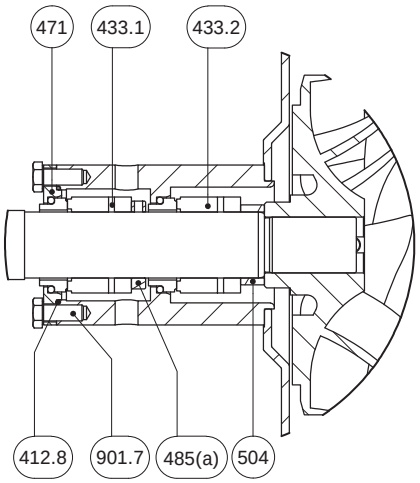
Tenuta a Baderna Flussata
Flushed Packing Gland
Exec. S



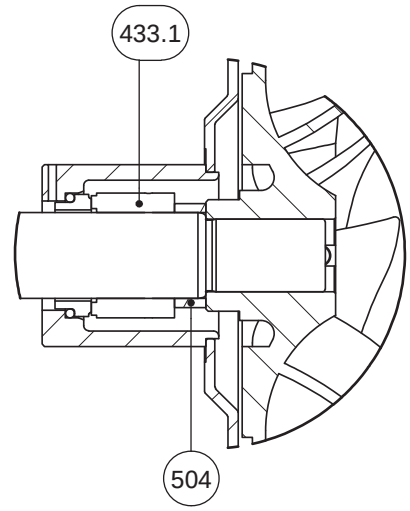
Tenuta Meccanica Doppia Contrapposta
Double Back to Back Mechanical seal
Exec. C



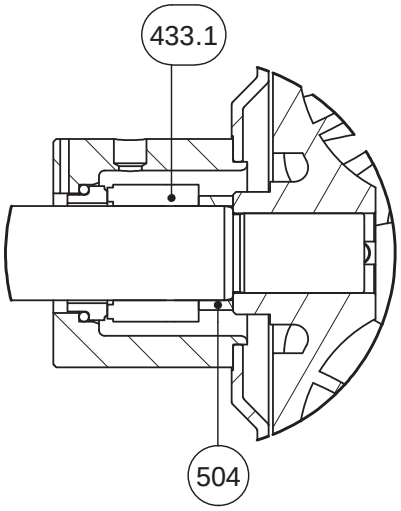
Tenuta Meccanica Doppia in Tandem
Double Tandem Mechanical seal
Exec. L



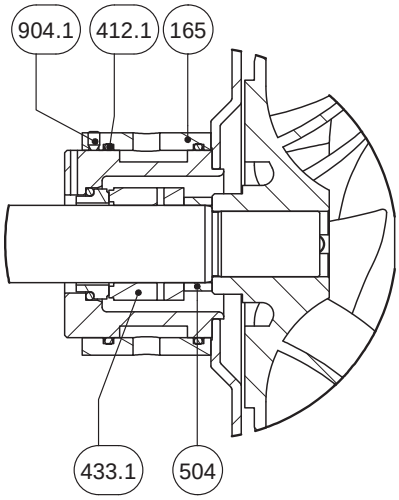
Tenuta Meccanica Singola
Single Mechanical seal
Exec. M



Singola con Bussola di Fondo
Single with Throttle Bushing
Exec. E , Exec. A



Camera Riscaldamento/Raffreddamento
Cooling/Heating Jacket
Exec. H

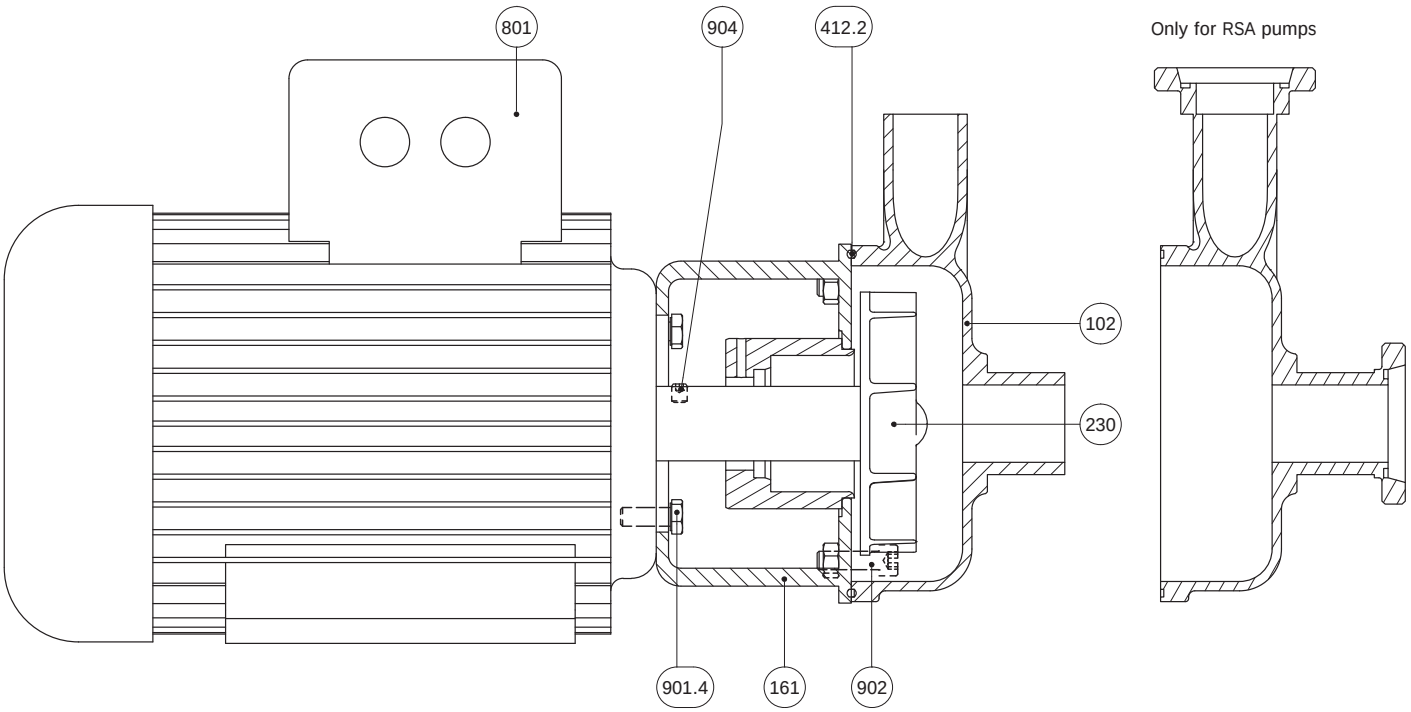


N.	DESCRIZIONE	DESCRIPTION
165	Coperchio camera di raffreddamento	Cooling chamber cover
452	Premitreccia	Packing gland
458	Anello idraulico	Lantern ring
461	Baderna	Packing ring
471	Coperchio tenuta meccanica	Seal chamber cover
485(a)	Anello arresto tenuta meccanica	Abutment ring
504	Distanziale	Spacer
412.1	O-ring	O-ring
412.8	O-ring	O-ring
433.1	Tenuta meccanica L.C.	Mechanical seal D.S.
433.2	Tenuta meccanica L.O.C.	Mechanical seal N.D.S.
900.3	Prigioniero con dado	Stud with nut
901.7	Vite T.E.	Hex head screw
904.1	Grano	Locking screw

(a) Su RS con lanterna grandezza 1 (vedi tabella T-1601 «Dati tecnici») viene utilizzato un seeger al posto del distanziale
(a) RS pumps, lantern bracket size 1 (see table T-1601 «Technical features»): insthe circlipe

Sezione con nomenclatura monoblocco — *Close coupled sectional view and nomenclature*

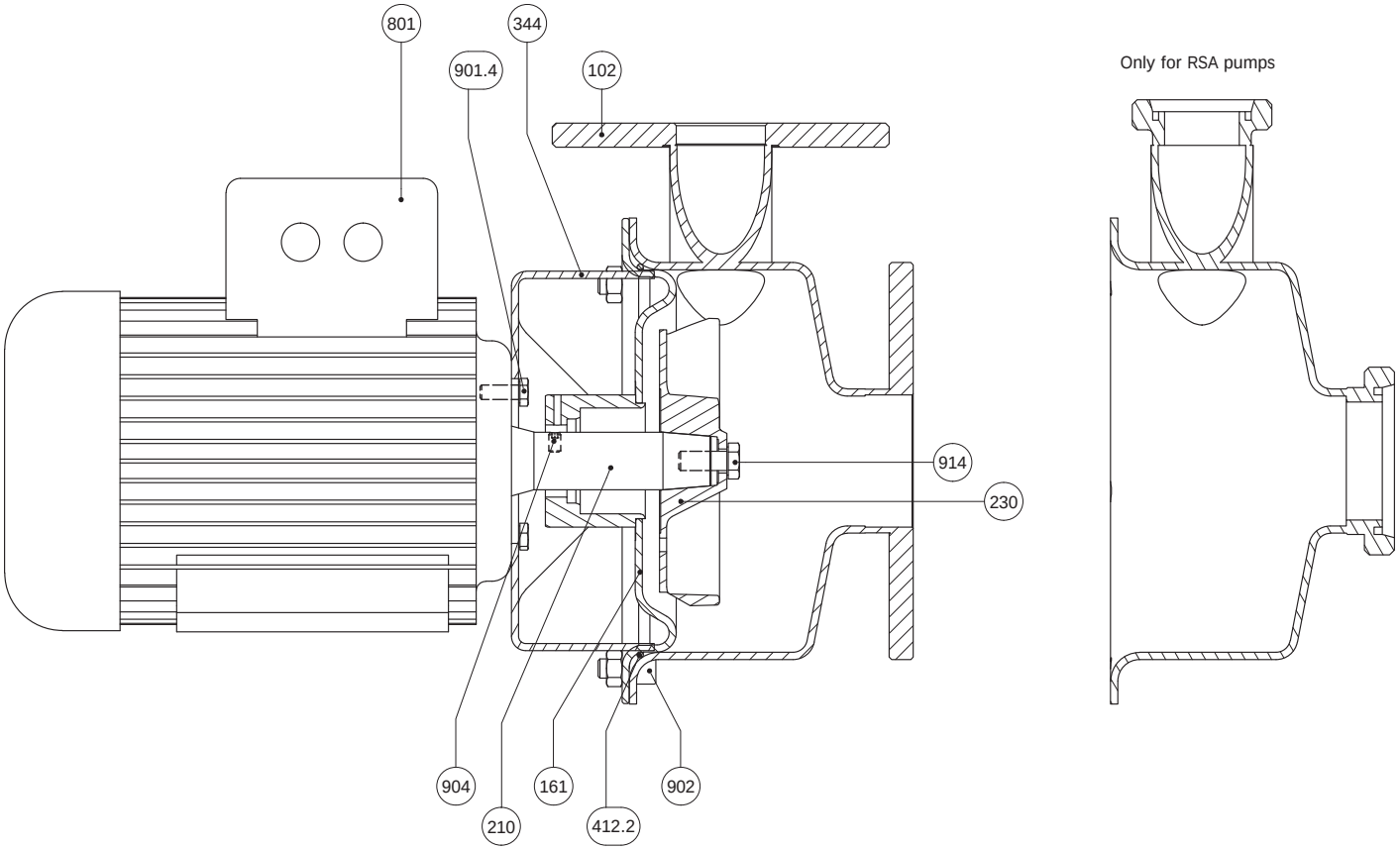
Grandezze - Size: **20-08**



N.	DESCRIZIONE	DESCRIPTION
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
230	Girante	Impeller
412.2	O-ring corpo	O-ring casing
801	Motore elettrico	Electric motor
902	Vite T.C.E.I.	Socket head screw
904	Grano	Locking screw
901.4	Vite T.E.	Hex head screw

Sezione con nomenclatura monoblocco — *Close coupled sectional view and nomenclature*

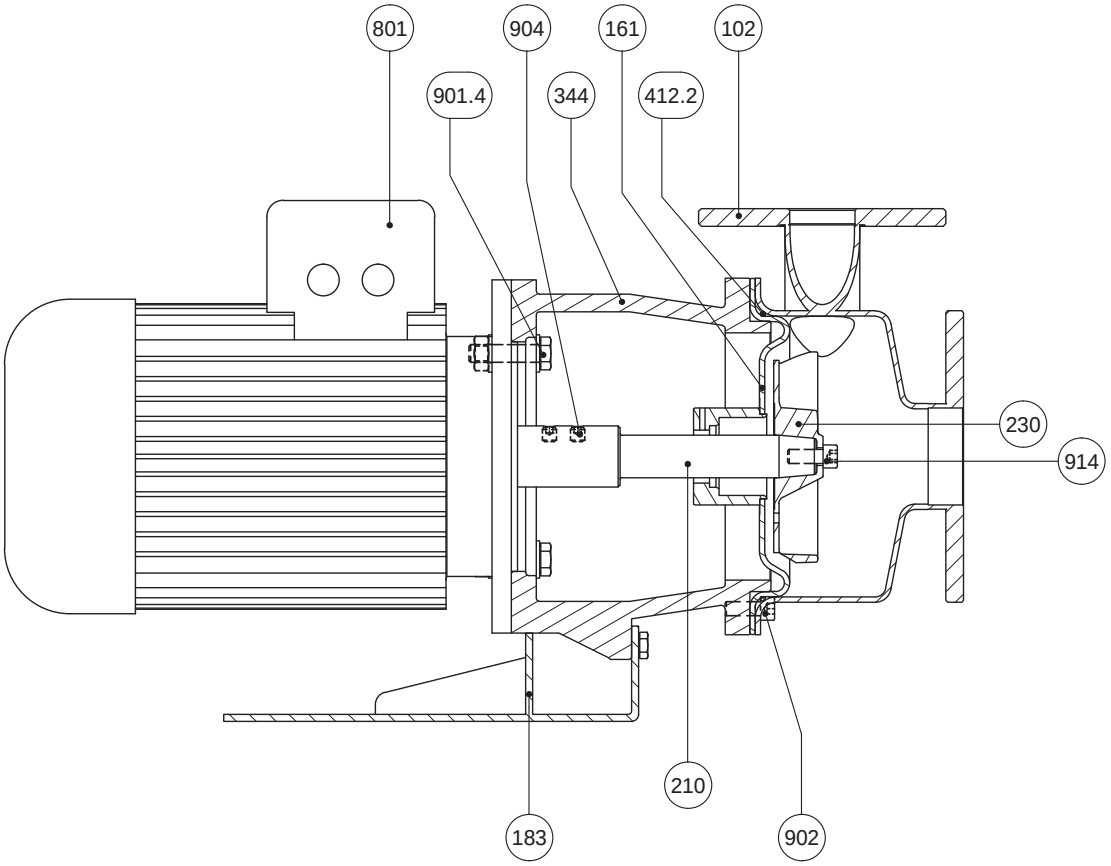
Grandezze - Size: **25-12, 32-12, 40-12 (con Motore IEC 71 - *With IEC Motor 71*)**



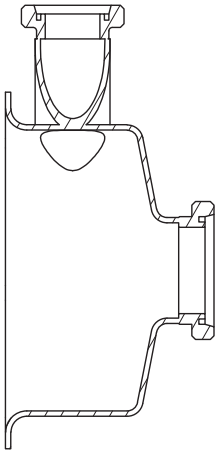
N.	DESCRIZIONE	DESCRIPTION
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
210	Albero	Shaft
230	Girante	Impeller
344	Lanterna motore	Lantern bracket
412.2	O-ring corpo	O-ring casing
801	Motore elettrico	Electric motor
902	Vite T.C.E.I.	Socket head screw
904	Grano	Locking screw
914	Vite ogivale	Screw
901.4	Vite T.E.	Hex head screw

Sezione con nomenclatura monoblocco — *Close coupled sectional view and nomenclature*

Grandezze - Size: **25-12, 32-12, 40-12 (con Motore IEC 80-90 - *With IEC Motor 80-90*)**



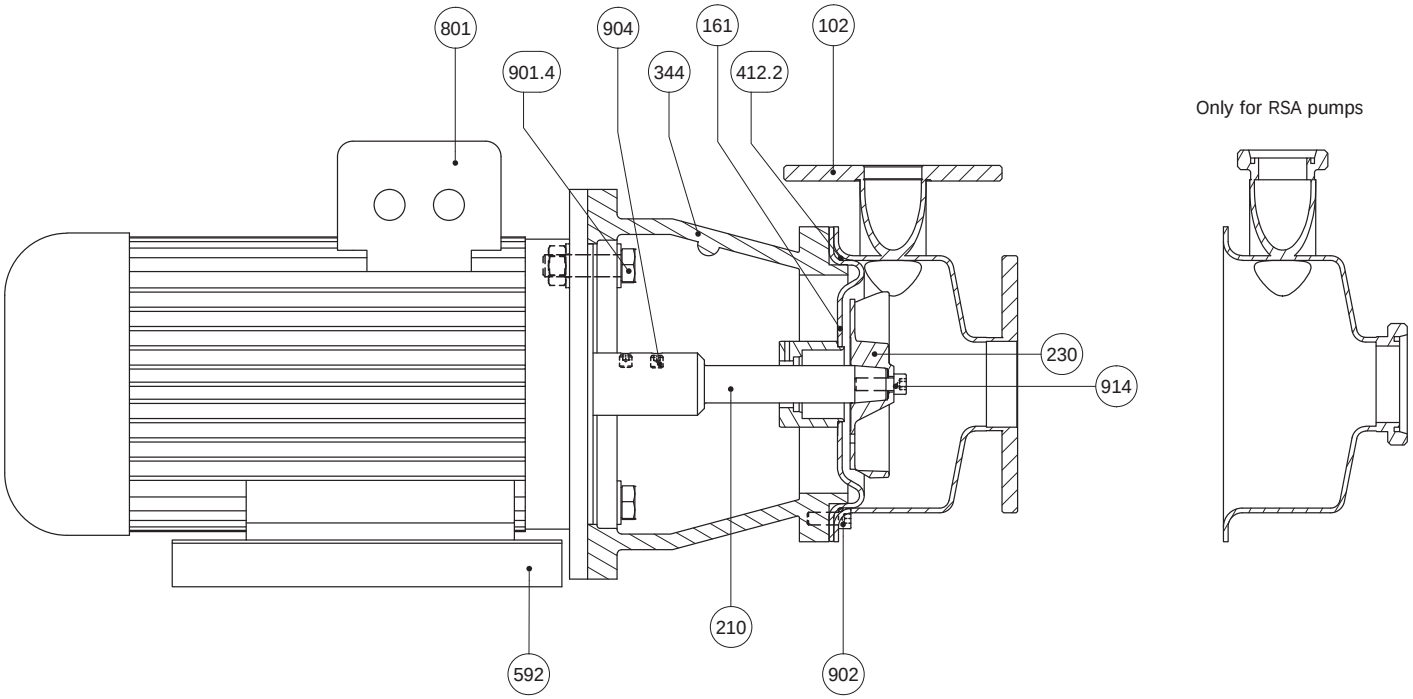
Only for RSA pumps



N.	DESCRIZIONE	DESCRIPTION
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
344	Lanterna motore	Lantern bracket
412.2	O-ring corpo	O-ring casing
801	Motore elettrico	Electric motor
902	Vite T.C.E.I.	Socket head screw
904	Grano	Locking screw
914	Vite ogivale	Screw
901.4	Vite T.E.	Hex head screw

Sezione con nomenclatura monoblocco — *Close coupled sectional view and nomenclature*

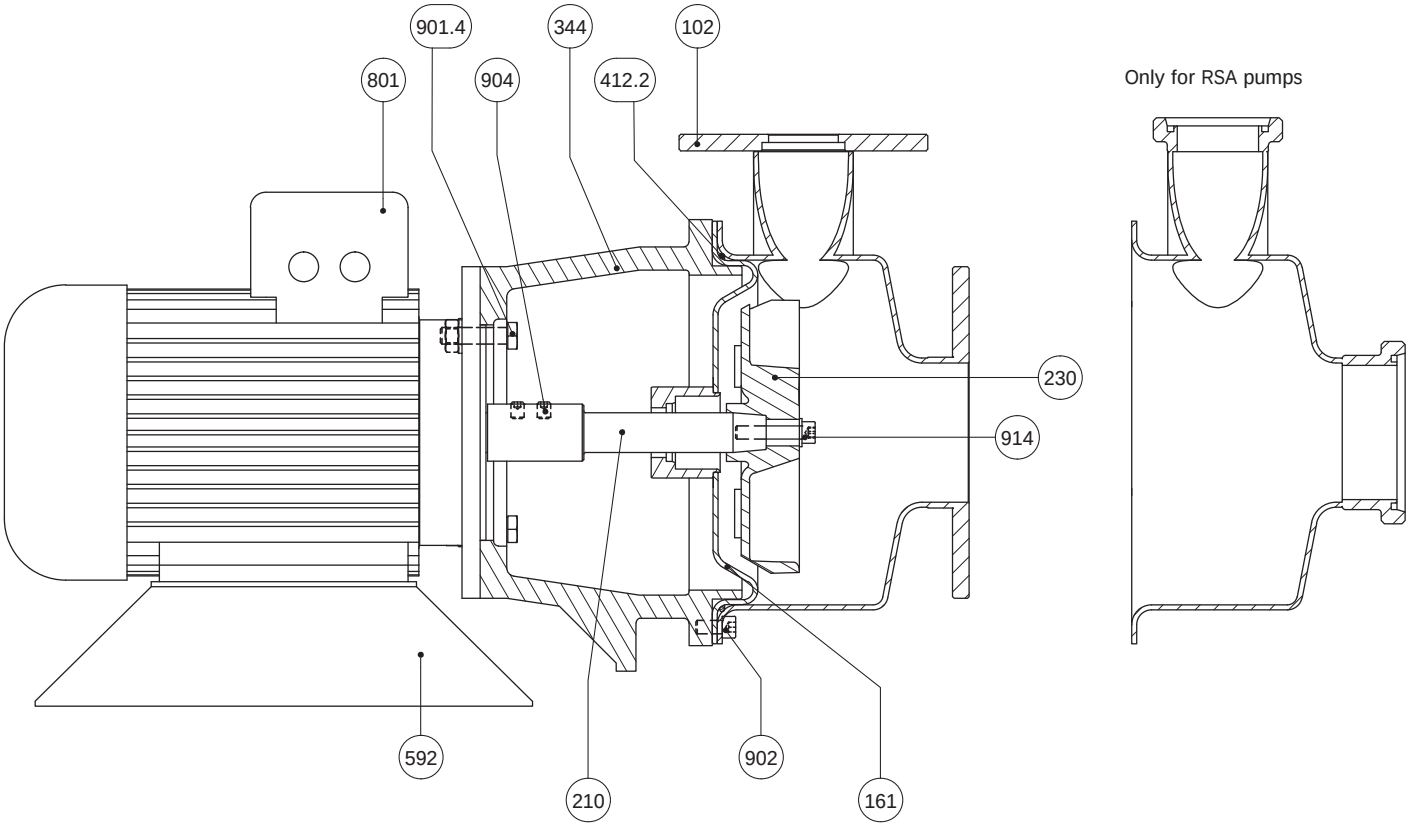
Grandezze - Size: **25-12, 32-12, 40-12 (con Motore IEC 100-112 - *With IEC Motor 100-112*)**



N.	DESCRIZIONE	DESCRIPTION
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
210	Albero	Shaft
230	Girante	Impeller
344	Lanterna motore	Lantern bracket
412.2	O-ring corpo	O-ring casing
592	Piede motore	Electric motor foot
801	Motore elettrico	Electric motor
902	Vite T.C.E.I.	Socket head screw
904	Grano	Locking screw
914	Vite ogivale	Screw
901.4	Vite T.E.	Hex head screw

Sezione con nomenclatura monoblocco — *Close coupled sectional view and nomenclature*

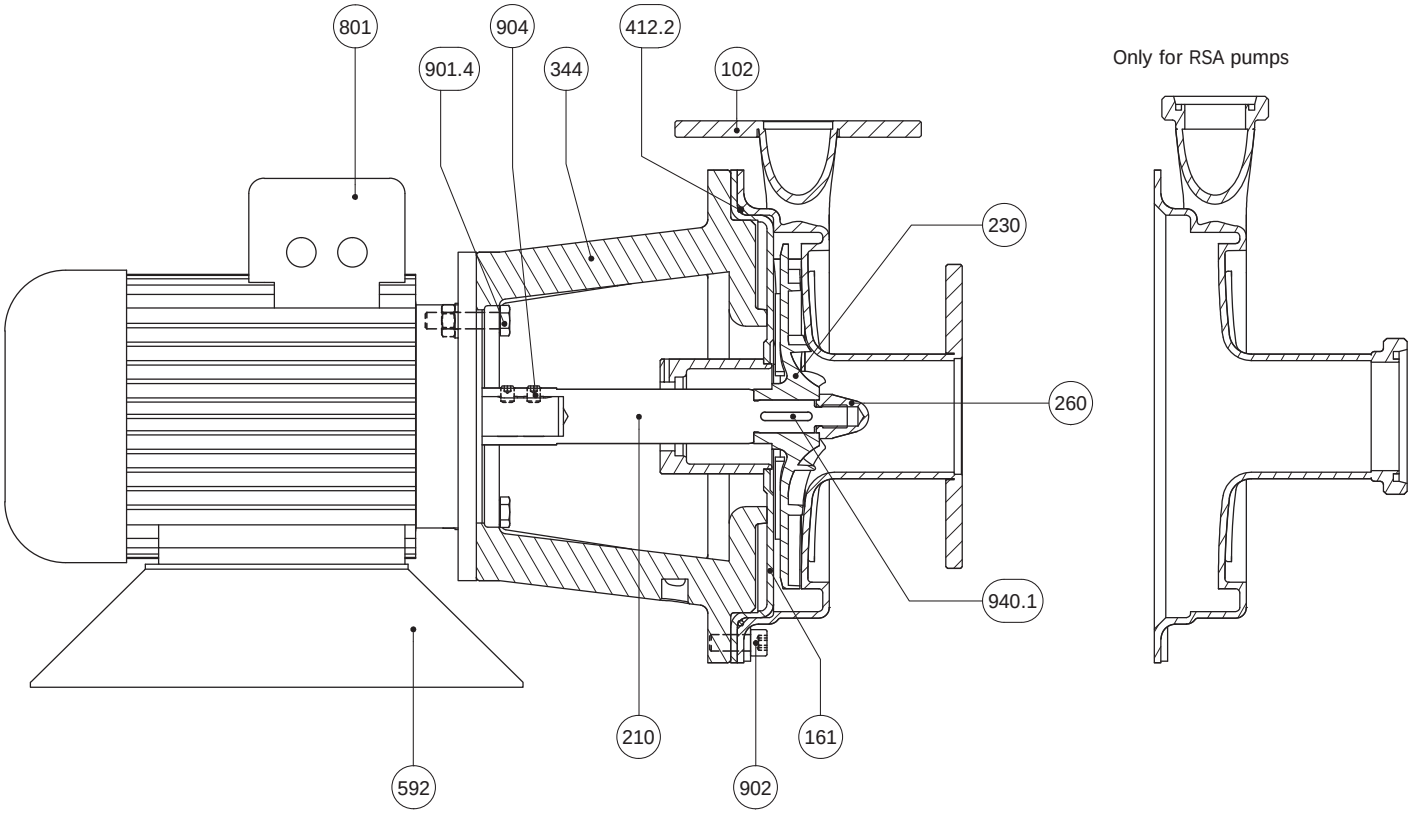
Grandezze - Size: **32-16, 40-16, 50-16, 65-16**



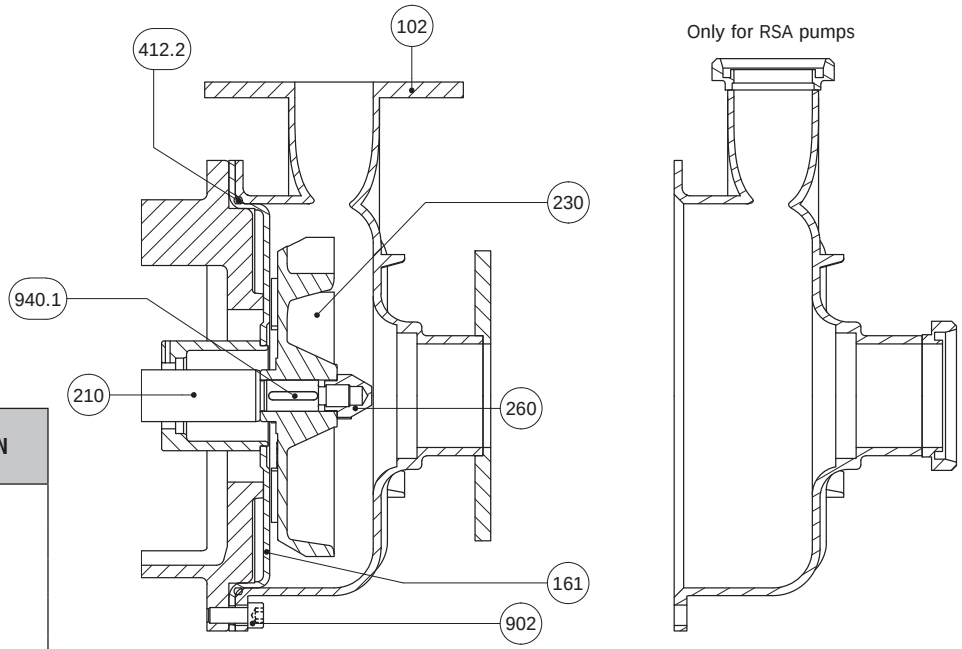
N.	DESCRIZIONE	DESCRIPTION
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
210	Albero	Shaft
230	Girante	Impeller
344	Lanterna motore	Lantern bracket
412.2	O-ring corpo	O-ring casing
592	Piede motore	Electric motor foot
801	Motore elettrico	Electric motor
902	Vite T.C.E.I.	Socket head screw
904	Grano	Locking screw
914	Vite ogivale	Screw
901.4	Vite T.E.	Hex head screw

Sezione con nomenclatura monoblocco — *Close coupled sectional view and nomenclature*

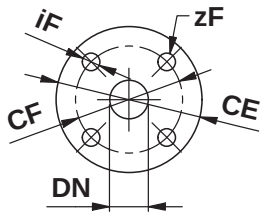
Grandezze - Size: **32-20, 40-20**



Grandezze - Size: **50-20, 65-20**



N.	DESCRIZIONE	DESCRIPTION
102	Corpo	Casing
161	Coperchio del corpo	Casing cover
210	Albero	Shaft
230	Girante	Impeller
260	Ogiva girante	Impeller hub
344	Lanterna motore	Lantern bracket
412.2	O-ring corpo	O-ring casing
592	Piede motore	Electric motor foot
801	Motore elettrico	Electric motor
902	Vite T.C.E.I.	Socket head screw
904	Grano	Locking screw
901.4	Vite T.E.	Hex head screw
940.1	Linguetta girante	Impeller key



Dimensioni Flange - *Dimensions Flanges* EN 1092-1								
DNa- DNm	25	32	40	50	65	80	100	125
CF	85	100	110	125	145	160	180	210
CE	115	140	150	165	185	200	220	250
iF	14	18	18	18	18	18	18	18
zF	4	4	4	4	4	8	8	8

Fig. 1

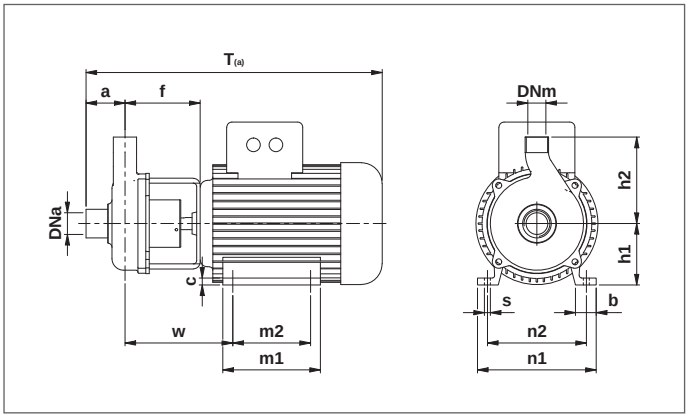


Fig. 2

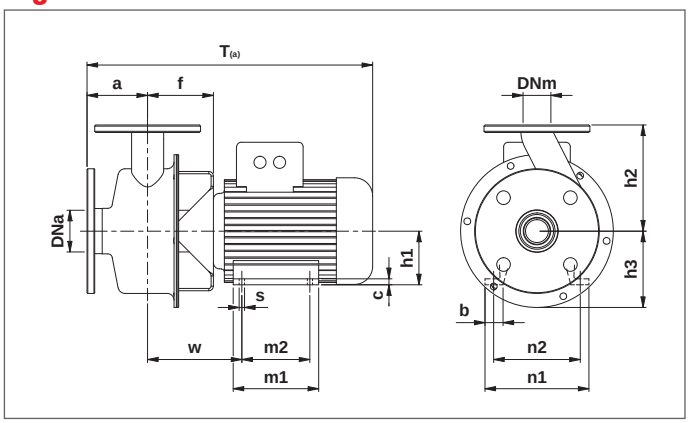


Fig. 2A

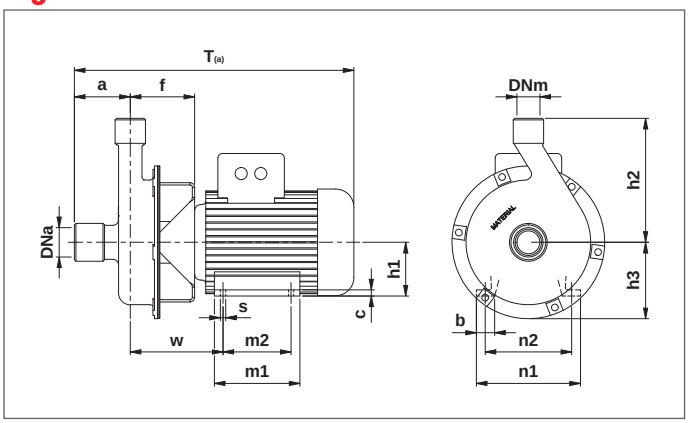


Fig. 3

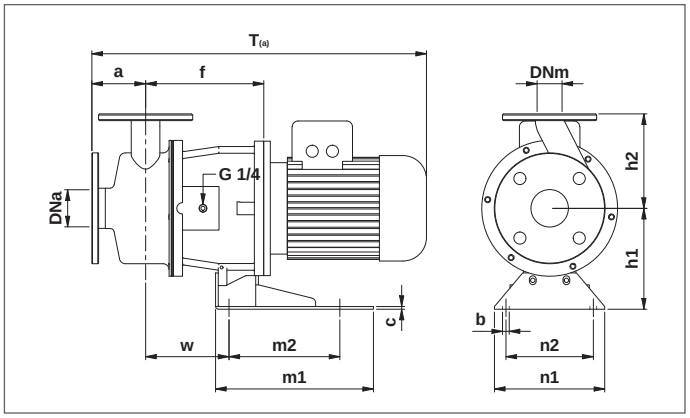


Fig. 3A

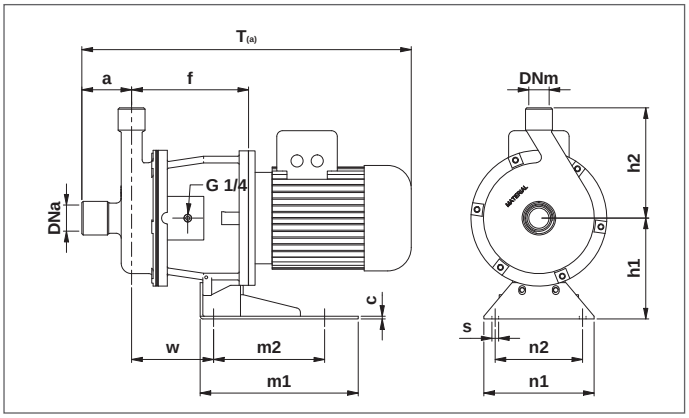


Fig. 4

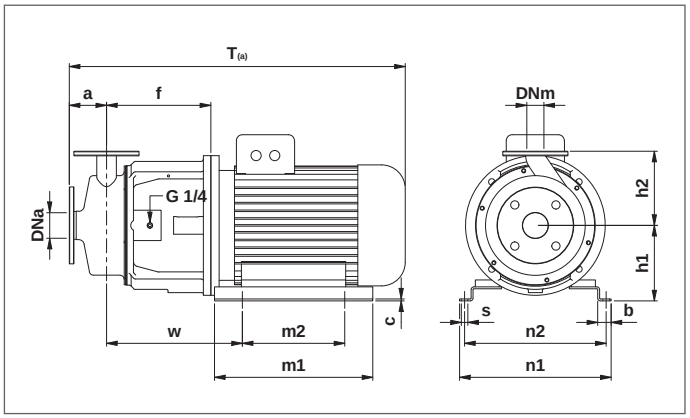
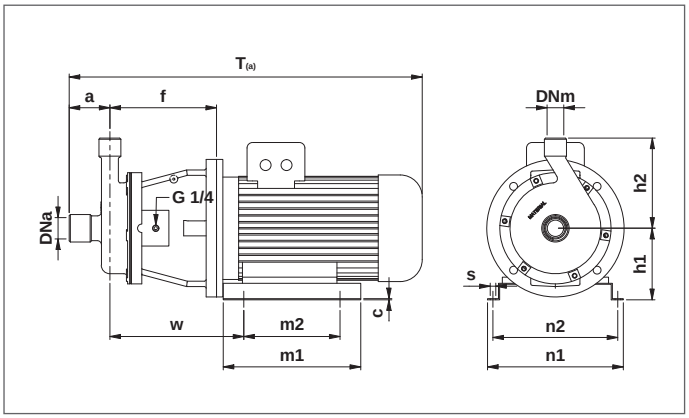


Fig. 4A



Ingombri monoblocco

Close coupled pump Overall dimensions

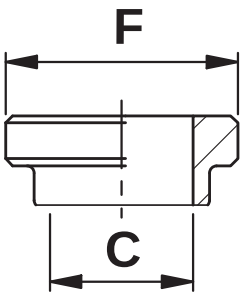
ACCOPPIAMENTO POTENZA - POLARITÀ / GRANDEZZA MOTORE *POWER – POLARITY / MOTOR SIZE COUPLING*															
2POLI	GRAND.	71	80	80	90S	90L	100L	112M	132S	132S	132M	160M	160M	160L	180M
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
4POLI	GRAND.	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
6POLI	GRAND.	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	-	-	-
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	-	-	-

Figura *Picture*	Pompa tipo *Pump size*	Grandezza motore *Motor size*	DIMENSIONI-*DIMENSIONS* [mm]																Peso *weight* [a] [kg]
			DNa	DNm	a	f	h1	h2	h3	b	c	m1	m2	n1	n2	s	w	T(a)	
1	20-08	71	1"M	3/4"M	45	87	71	100	-	24	8	113	90	137,5	114,5	7	125	344	9
2a	25-12 GAS (STANDARD)	71	1"1/4F	1"F	74	85	71	160	101	24	8	113	90	137,5	114,5	7	123	371	11
3a		80	1"1/4F	1"F	74	174	150	164	-	-	4	235	165	164	130	10	122	490	21
3a		90	1"1/4F	1"F	74	174	150	164	-	-	4	235	165	164	130	10	122	535	25
4a		100	1"1/4F	1"F	74	194	130	164	-	22	2	250	175	247	227	10	243,5	593	36
4a		112	1"1/4F	1"F	74	194	142	164	-	22	2	250	175	277	257	10	246,5	597	43
2	32-12	71	50	32	80	87	71	140	101	24	8	113	90	137,5	114,5	7	125	379	13
3		80	50	32	80	176	150	140	-	-	4	235	165	164	130	10	124	498	23
3		90	50	32	80	176	150	140	-	-	4	235	165	164	130	10	124	543	27
4		100	50	32	80	196	130	140	-	22	2	250	175	247	227	10	245	601	38
4		112	50	32	80	196	142	140	-	22	2	250	175	277	257	10	248,5	605	45
4		132	50	32	80	216	162	140	-	29	4	340	220	326	304	14	284	714	62
4	32-16	80	50	32	80	184	155	160	-	23	3	300	220	203	183	10	174	506	29
4		90	50	32	80	184	165	160	-	23	3	300	220	218	198	10	192,5	551	33
4		100	50	32	80	204	155	160	-	25	3	280	200	240	218	12	237	609	43
4		112	50	32	80	204	167	160	-	25	3	280	200	270	248	12	244	613	50
4		132	50	32	80	224	162	160	-	29	4	340	220	326	304	14	292	722	76
4	32-20	80	50	32	80	194	155	177	-	23	3	300	220	203	183	10	184	516	38
4		90	50	32	80	194	165	177	-	23	3	300	220	218	198	10	202,5	561	42
4		100	50	32	80	214	155	177	-	25	3	280	200	240	218	12	247	619	50
4		112	50	32	80	214	167	177	-	25	3	280	200	270	248	12	254	623	57
4		132	50	32	80	234	162	177	-	29	4	340	220	326	304	14	302	732	83
2	40-12	71	65	40	80	90	71	140	101	24	8	113	90	137,5	114,5	7	126	382	13
3		80	65	40	80	177	150	140	-	-	4	235	165	164	130	10	125	499	24
3		90	65	40	80	177	150	140	-	-	4	235	165	164	130	10	125	544	28
4		100	65	40	80	197	130	140	-	22	2	250	175	247	227	10	246	602	39
4		112	65	40	80	197	142	140	-	22	2	250	175	277	257	10	250	606	46
4		132	65	40	80	217	162	140	-	29	4	340	220	326	304	14	285	715	62
4	40-16	80	65	40	80	190	155	160	-	23	3	300	220	203	183	10	180	512	29
4		90	65	40	80	190	165	160	-	23	3	300	220	218	198	10	198,5	557	33
4		100	65	40	80	210	155	160	-	25	3	280	200	240	218	12	243	615	43
4		112	65	40	80	210	167	160	-	25	3	280	200	270	248	12	250	619	50
4		132	65	40	80	230	162	160	-	29	4	340	220	326	304	14	298	728	76
4	40-20	90	65	40	100	196	165	180	-	23	3	300	220	218	198	10	204,5	583	41
4		100	65	40	100	216	155	180	-	25	3	280	200	240	218	12	249	641	50
4		112	65	40	100	216	167	180	-	25	3	280	200	270	248	12	256	645	57
4		132	65	40	100	236	162	180	-	29	4	340	220	326	304	14	304	754	82
4	50-16	80	80	50	100	195	155	180	-	23	3	300	220	203	183	10	185	537	30
4		90	80	50	100	195	165	180	-	23	3	300	220	218	198	10	203,5	582	34
4		100	80	50	100	215	155	180	-	25	3	280	200	240	218	12	248	640	44
4		112	80	50	100	215	167	180	-	25	3	280	200	270	248	12	255	644	51
4		132	80	50	100	235	162	180	-	29	4	340	220	326	304	14	303	753	77
4	50-20	90	65	50	100	222	165	200	-	23	3	300	220	218	198	10	330,5	609	43
4		100	65	50	100	242	155	200	-	25	3	280	200	240	218	12	275	667	52
4		112	65	50	100	242	167	200	-	25	3	280	200	270	248	12	282	671	59
4		132	65	50	100	262	162	200	-	29	4	340	220	326	304	14	330	780	84
4	65-16	90	100	65	100	196	165	200	-	23	3	300	220	218	198	10	204,5	583	35
4		100	100	65	100	216	155	200	-	25	3	280	200	240	218	12	249	641	45
4		112	100	65	100	216	167	200	-	25	3	280	200	270	248	12	256	645	52
4	65-20	100	80	65	99,5	250,5	155	225	-	25	3	280	200	240	218	12	283,5	675	53
4		112	80	65	99,5	250,5	167	225	-	25	3	280	200	270	248	12	290,5	679	60
4		132	80	65	99,5	270,5	162	225	-	29	4	340	220	326	304	14	338,5	788	85

Quote e pesi suscettibili di variazione
Dimensions and weights are subject to variation

[a] Quota indicativa può variare in funzione della marca del motore
Not binding dimension that can change according to motor brand

M** = maschio - *male* - F** = femmina - *female*



DIN 11851		
DNa DNm	C	F
25	25	52x1/6
32	31	58x1/6
40	37	65x1/6
50	49	78x1/6
65	66	95x1/6
80	81	110x1/4
100	98	130x1/4

ACCOPPIAMENTO POTENZA - POLARITÀ / GRANDEZZA MOTORE *POWER – POLARITY / MOTOR SIZE COUPLING*															
2POLI	GRAND.	71	80	80	90S	90L	100L	112M	132S	132S	132M	160M	160M	160L	180M
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
4POLI	GRAND.	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
6POLI	GRAND.	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	-	-	-
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	-	-	-

Fig. 1

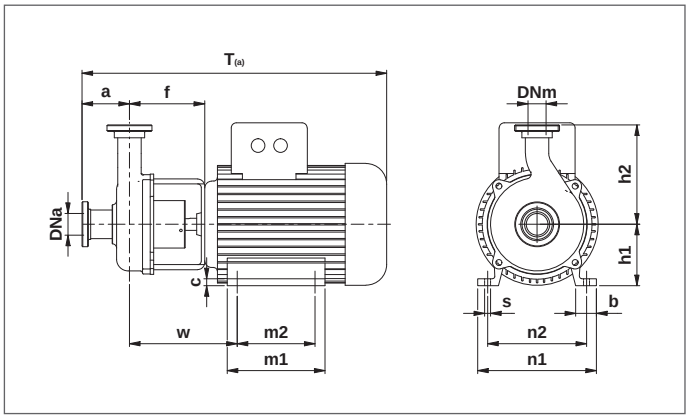


Fig. 2

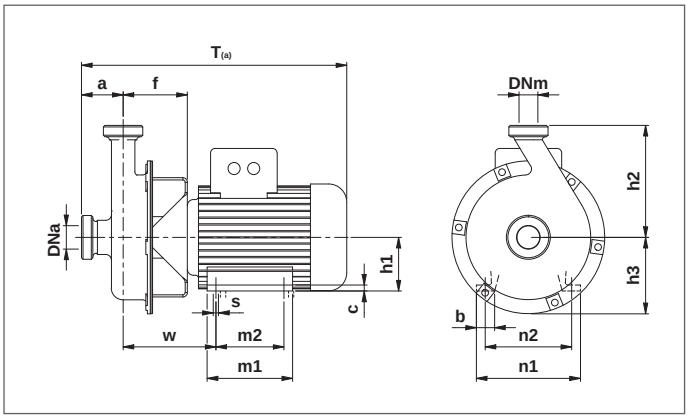


Fig. 3

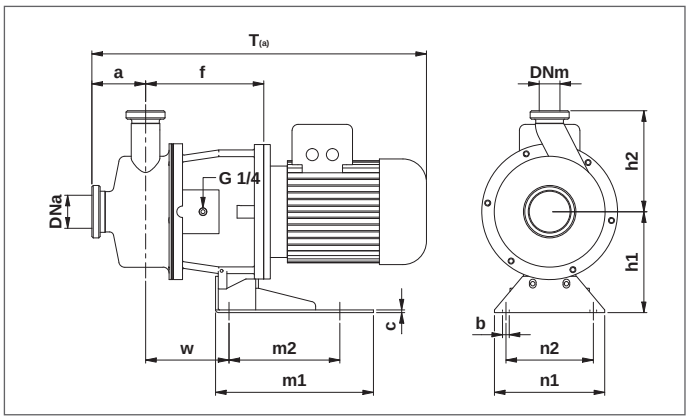


Fig. 4

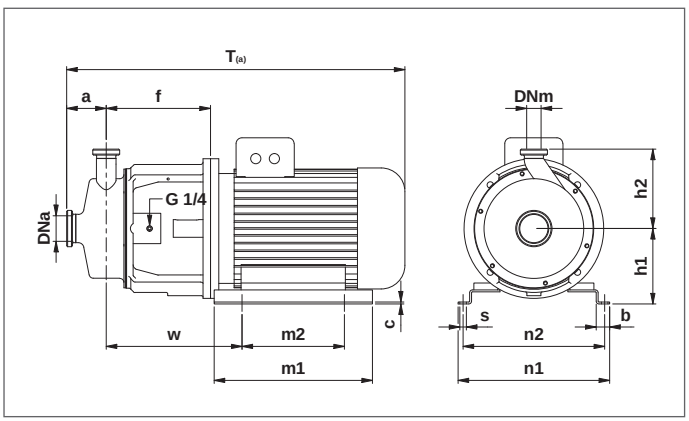
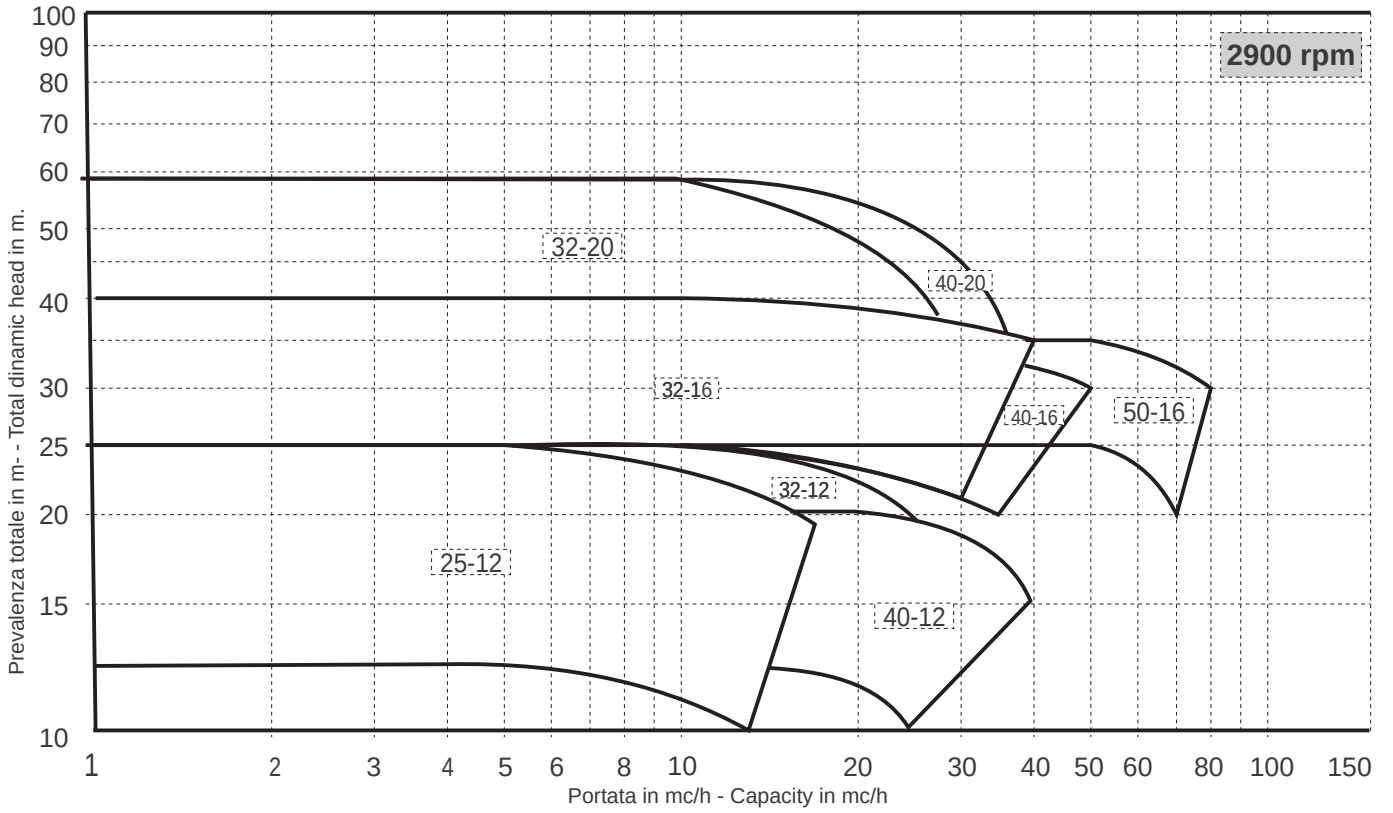


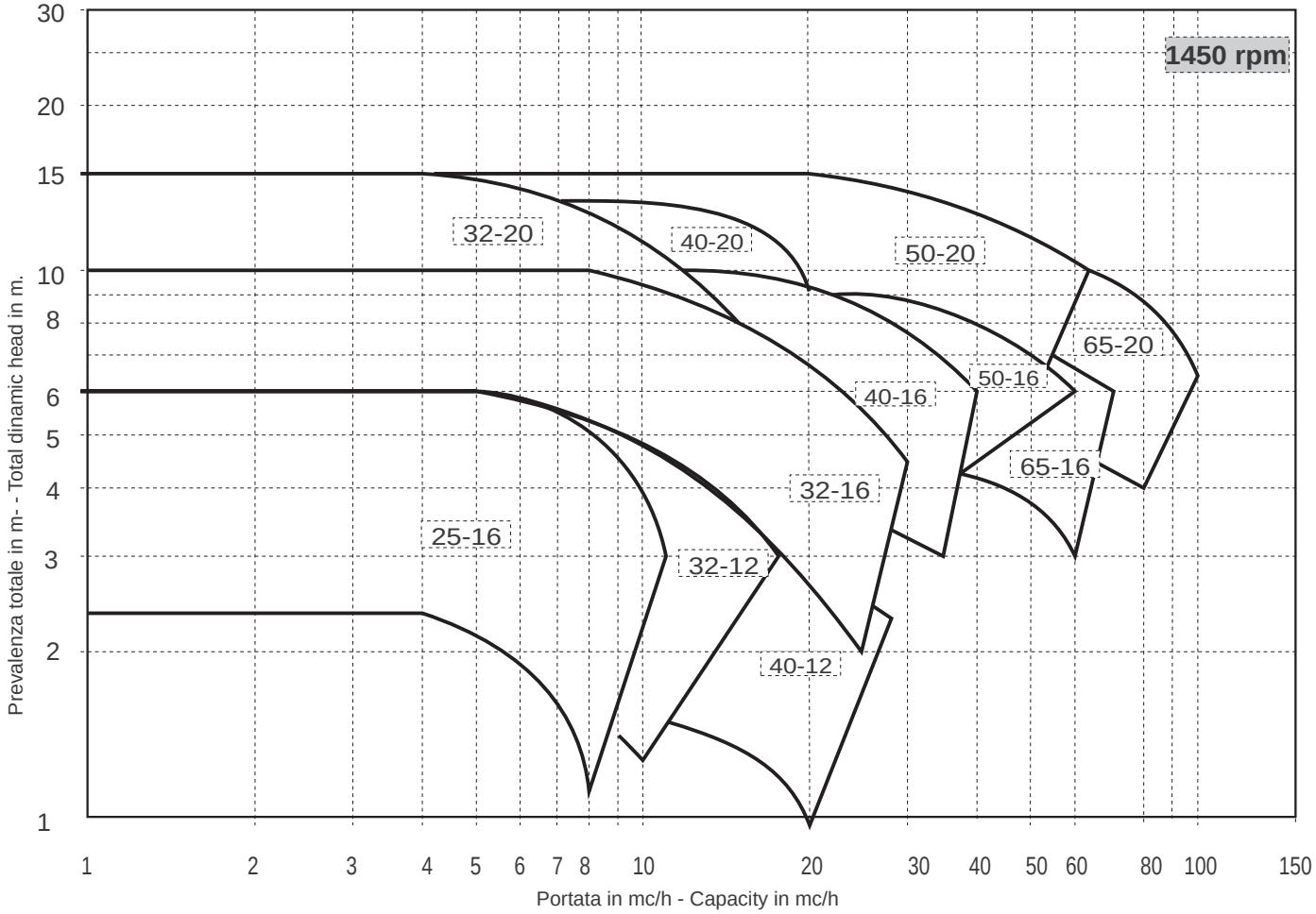
Figura *Picture*	Pompa tipo *Pump size*	Grandezza motore *Motor size*	DIMENSIONI-*DIMENSIONS* [mm]																Peso *weight* [a] [kg]
			DNa	DNm	a	f	h1	h2	h3	b	c	m1	m2	n1	n2	s	w	T(a)	
1	20-08	71	25	25	55	87	71	115	-	24	8	113	90	137,5	114,5	7	125	354	9
2	25-12	71	32	25	55	85	71	148	101	24	8	113	90	137,5	114,5	7	123	352	11
3		80	32	25	55	174	150	148	-	-	4	235	165	164	130	10	122	471	21
3		90	32	25	55	174	150	148	-	-	4	235	165	164	130	10	122	516	25
4		100	32	25	55	194	130	148	-	22	2	250	175	247	227	10	243,5	574	36
4		112	32	25	55	194	142	148	-	22	2	250	175	277	257	10	246,5	578	43
2	32-12	71	50	32	80	87	71	150	101	24	8	113	90	137,5	114,5	7	125	379	11
3		80	50	32	80	176	150	150	-	-	4	235	165	164	130	10	124	498	21
3		90	50	32	80	176	150	150	-	-	4	235	165	164	130	10	124	543	25
4		100	50	32	80	196	130	150	-	22	2	250	175	247	227	10	245	601	36
4		112	50	32	80	196	142	150	-	22	2	250	175	277	257	10	248,5	605	43
4		132	50	32	80	216	162	150	-	29	4	340	220	326	304	14	284	714	60
4	32-16	80	50	32	85	184	155	170	-	23	3	300	220	203	183	10	174	511	27
4		90	50	32	85	184	165	170	-	23	3	300	220	218	198	10	192,5	556	31
4		100	50	32	85	204	155	170	-	25	3	280	200	240	218	12	237	614	41
4		112	50	32	85	204	167	170	-	25	3	280	200	270	248	12	244	618	48
4		132	50	32	85	224	162	170	-	29	4	340	220	326	304	14	292	727	74
4	32-20	80	50	32	95	194	155	192,5	-	23	3	300	220	203	183	10	184	531	36
4		90	50	32	95	194	165	192,5	-	23	3	300	220	218	198	10	202,5	576	40
4		100	50	32	95	214	155	192,5	-	25	3	280	200	240	218	12	247	634	49
4		112	50	32	95	214	167	192,5	-	25	3	280	200	270	248	12	254	638	56
4		132	50	32	95	234	162	192,5	-	29	4	340	220	326	304	14	302	747	81
2	40-12	71	65	40	73	90	71	150	101	24	8	113	90	137,5	114,5	7	126	375	11
3		80	65	40	73	177	150	150	-	-	4	235	165	164	130	10	125	492	22
3		90	65	40	73	177	150	150	-	-	4	235	165	164	130	10	125	537	26
4		100	65	40	73	197	130	150	-	22	2	250	175	247	227	10	246	595	36
4		112	65	40	73	197	142	150	-	22	2	250	175	277	257	10	250	599	43
4		132	65	40	73	217	162	150	-	29	4	340	220	326	304	14	285	708	60
4	40-16	80	65	40	73	190	155	170	-	23	3	300	220	203	183	10	180	505	27
4		90	65	40	73	190	165	170	-	23	3	300	220	218	198	10	198,5	550	31
4		100	65	40	73	210	155	170	-	25	3	280	200	240	218	12	243	608	41
4		112	65	40	73	210	167	170	-	25	3	280	200	270	248	12	250	612	48
4		132	65	40	73	230	162	170	-	29	4	340	220	326	304	14	298	721	74
4	40-20	90	65	40	117	196	165	195	-	23	3	300	220	218	198	10	204,5	600	39
4		100	65	40	117	216	155	195	-	25	3	280	200	240	218	12	249	658	48
4		112	65	40	117	216	167	195	-	25	3	280	200	270	248	12	256	662	55
4		132	65	40	117	236	162	195	-	29	4	340	220	326	304	14	304	771	80
4	50-16	80	80	50	113	195	155	190	-	23	3	300	220	203	183	10	185	550	28
4		90	80	50	113	195	165	190	-	23	3	300	220	218	198	10	203,5	595	32
4		100	80	50	113	215	155	190	-	25	3	280	200	240	218	12	248	653	42
4		112	80	50	113	215	167	190	-	25	3	280	200	270	248	12	255	657	49
4		132	80	50	113	235	162	190	-	29	4	340	220	326	304	14	303	766	75
4	50-20	100	65	50	117	242	155	215	-	25	3	280	200	240	218	12	275	684	49
4		112	65	50	117	242	167	215	-	25	3	280	200	270	248	12	282	688	56
4		132	65	50	117	262	162	215	-	29	4	340	220	326	304	14	330	797	81
4	65-16	90	100	65	112	196	165	212	-	23	3	300	220	218	198	10	204,5	595	33
4		100	100	65	112	216	155	212	-	25	3	280	220	240	218	12	249	653	42
4		112	100	65	112	216	167	212	-	25	3	280	200	270	248	12	256	657	49
4	65-20	100	80	65	133	250,5	155	240	-	25	3	280	200	240	218	12	283,5	708,5	50
4		112	80	65	133	250,5	167	240	-	25	3	280	200	270	248	12	290,5	712,5	57
4		132	80	65	133	270,5	162	240	-	29	4	340	220	326	304	14	338,5	821,5	82

Quote e pesi suscettibili di variazione
Dimensions and weights are subject to variation

[a] Quota indicativa può variare in funzione della marca del motore
Not binding dimension that can change according to motor brand

Campo di applicazione — *Coverage chart*





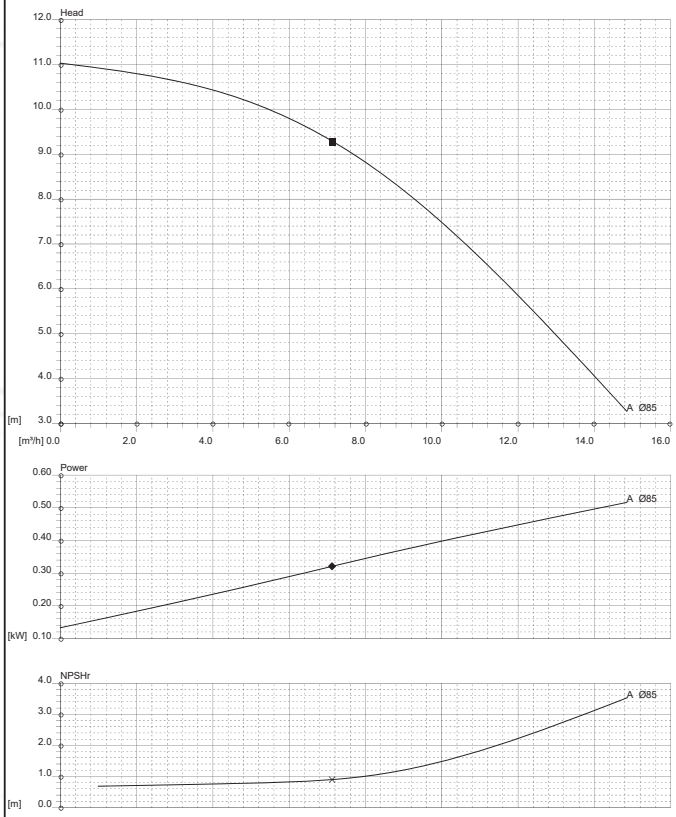
RS 20-08 2P/

2870 [rpm]
1 Stage

Curve N. **T-1203**

Max.diameter	Min.diameter	Suction Ø	Discharge Ø
85 [mm]	**85 [mm]**	**25 [mm]**	**25 [mm]**

Density 1 and viscosity 1 cSt | Replace any previous edition



Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		23	**139**		**Mar 28, 2019**	

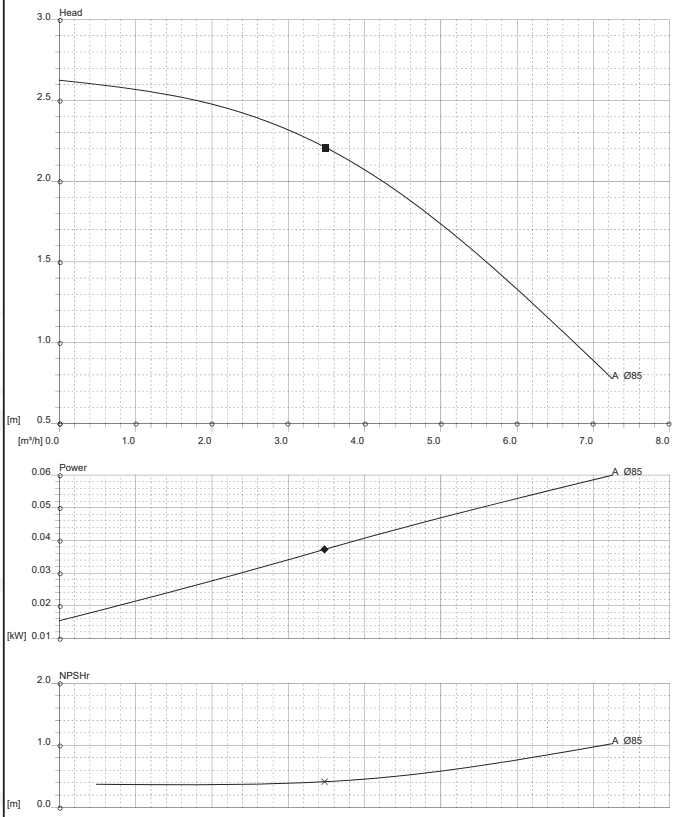
RS 20-08 4P/

1400 [rpm]
1 Stage

Curve N. **T-1204**

Max.diameter	Min.diameter	Suction Ø	Discharge Ø
85 [mm]	**85 [mm]**	**25 [mm]**	**25 [mm]**

Density 1 and viscosity 1 cSt | Replace any previous edition



Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		23	**84**		**Mar 28, 2019**	

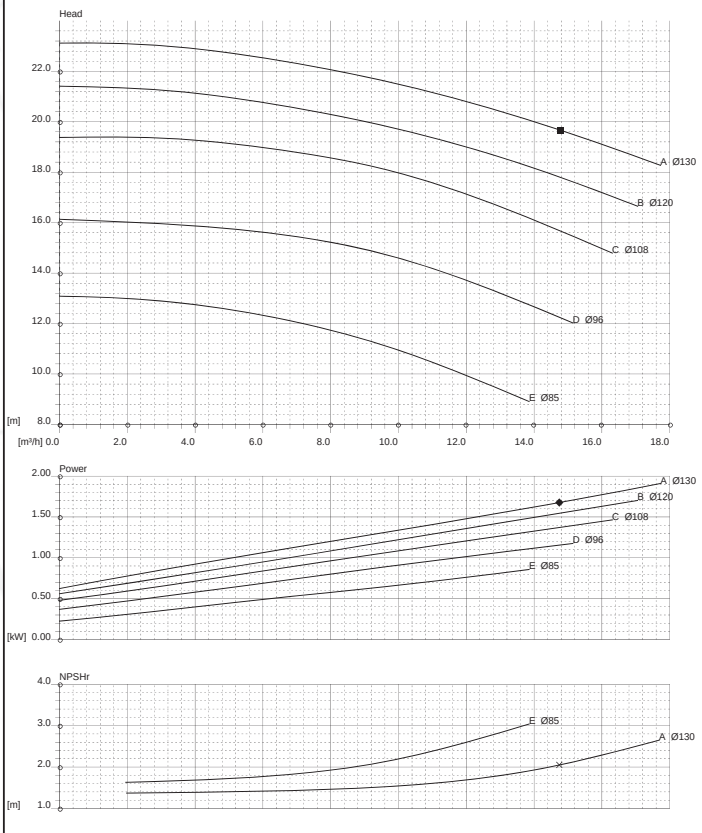
RS 25-12 2P/

2900 [rpm]
1 Stage

Curve N. **T-1508**

Max.diameter	Min.diameter	Suction Ø	Discharge Ø
130 [mm]	**85 [mm]**	**32 [mm]**	**25 [mm]**

Density 1 and viscosity 1 cSt | Replace any previous edition



Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		20	**109**		**Mar 28, 2019**	

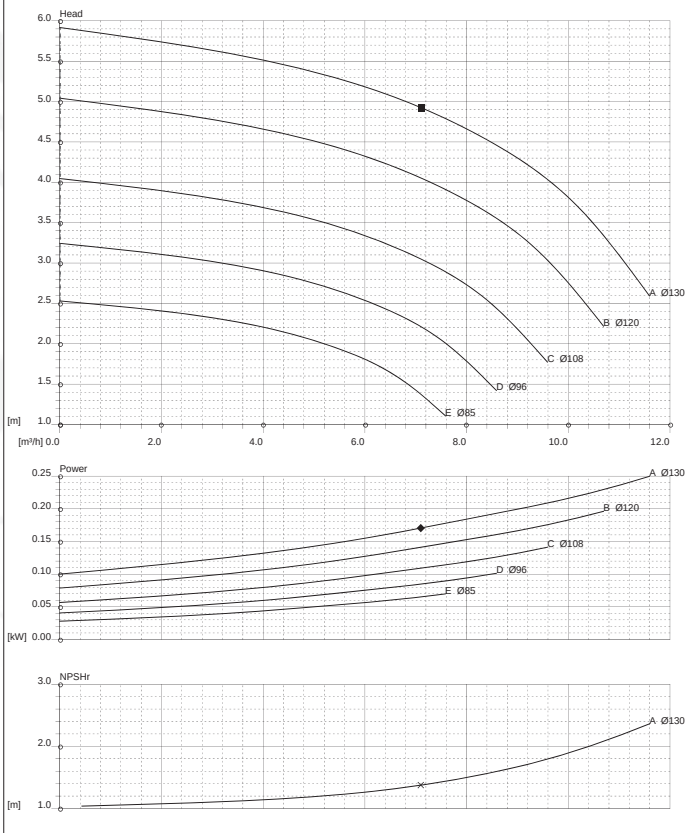
RS 25-12 4P/

1400 [rpm]
1 Stage

Curve N. **T-1849**

Max.diameter	Min.diameter	Suction Ø	Discharge Ø
130 [mm]	**85 [mm]**	**32 [mm]**	**25 [mm]**

Density 1 and viscosity 1 cSt | Replace any previous edition



Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		19	**49**		**Mar 28, 2019**	

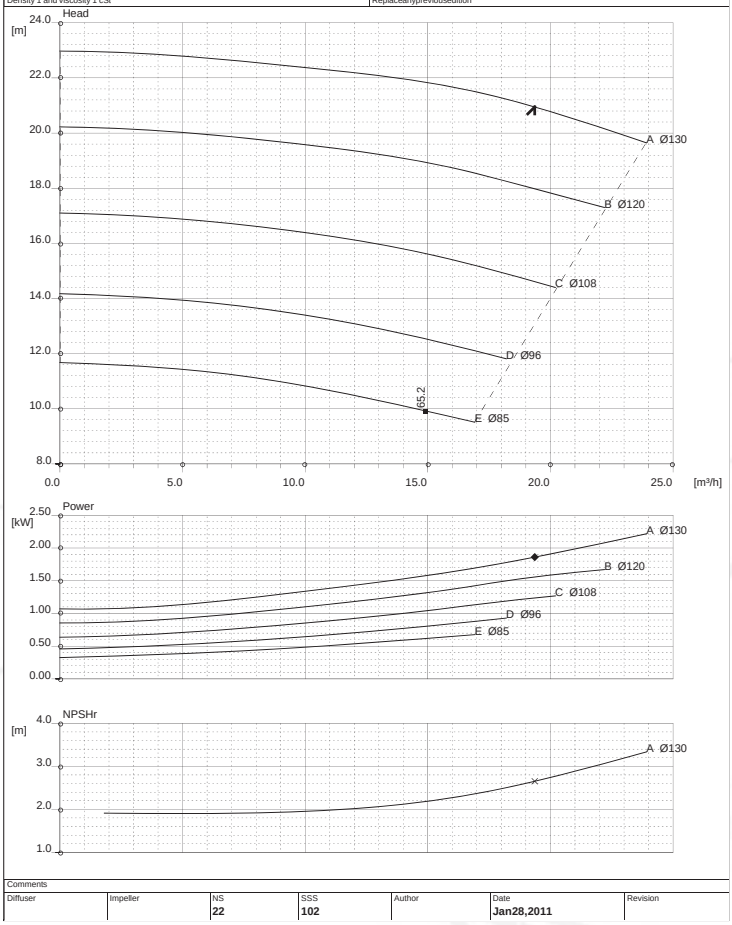
RS 32-12 2P

2900 [rpm]
1 Stage

Curve N. **T-1855**

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
130 [mm]	**85 [mm]**	**3500 [rpm]**	**50 [mm]**	**32 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		22	**102**		**Jan 28, 2011**	

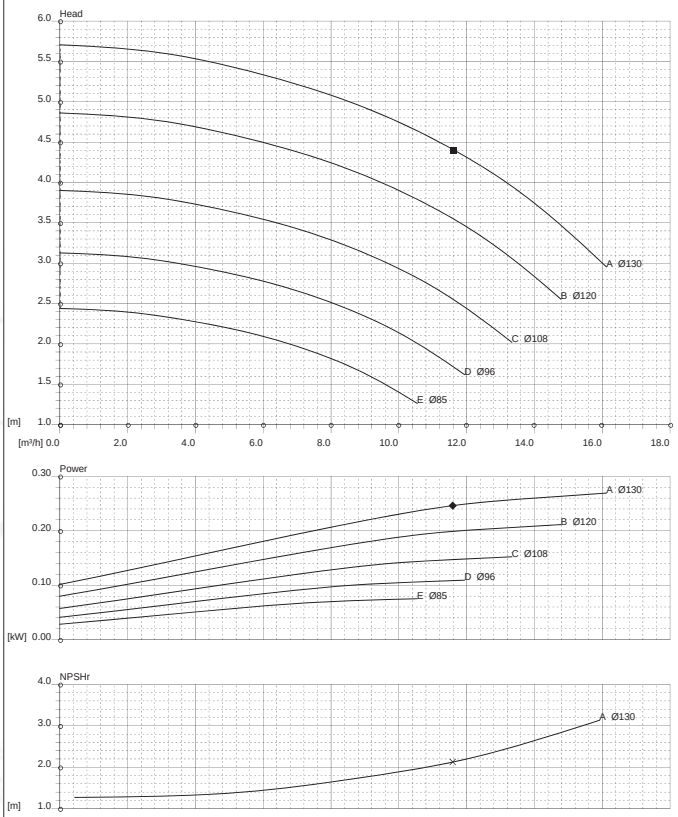
RS 32-12 4P/

1400 [rpm]
1 Stage

Curve N. **T-1850**

Max. diameter	Min. diameter	Suction Ø	Discharge Ø
130 [mm]	**85 [mm]**	**50 [mm]**	**32 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		26	**45**		**Mar 28, 2019**	

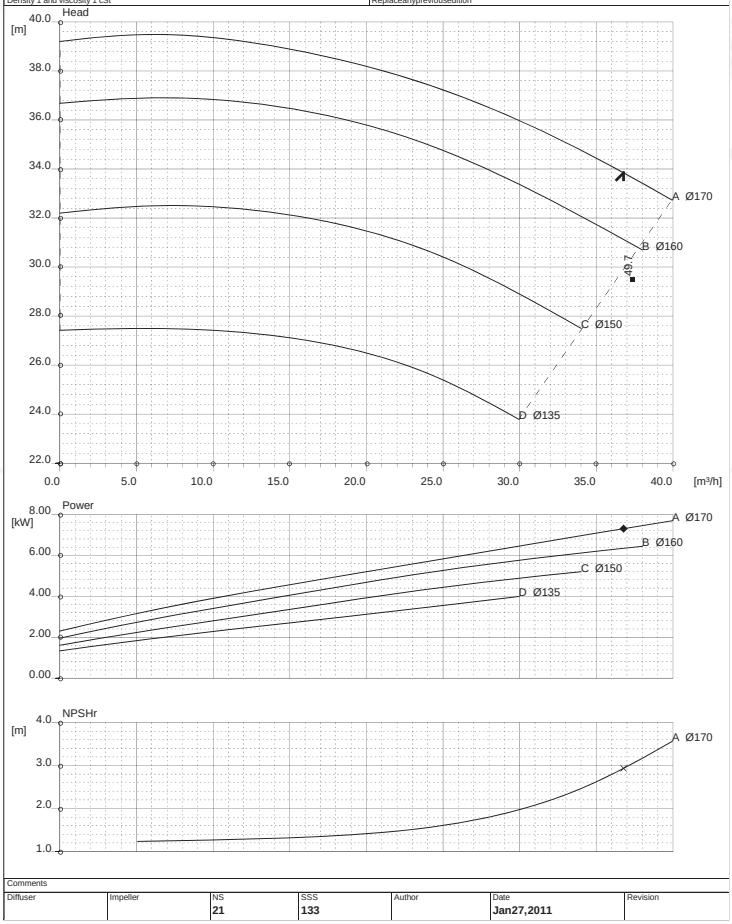
RS 32-16 2P

2940 [rpm]
1 Stage

Curve N. **T-1293**

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
170 [mm]	**135 [mm]**	**3500 [rpm]**	**50 [mm]**	**32 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		21	**133**		**Jan 27, 2011**	

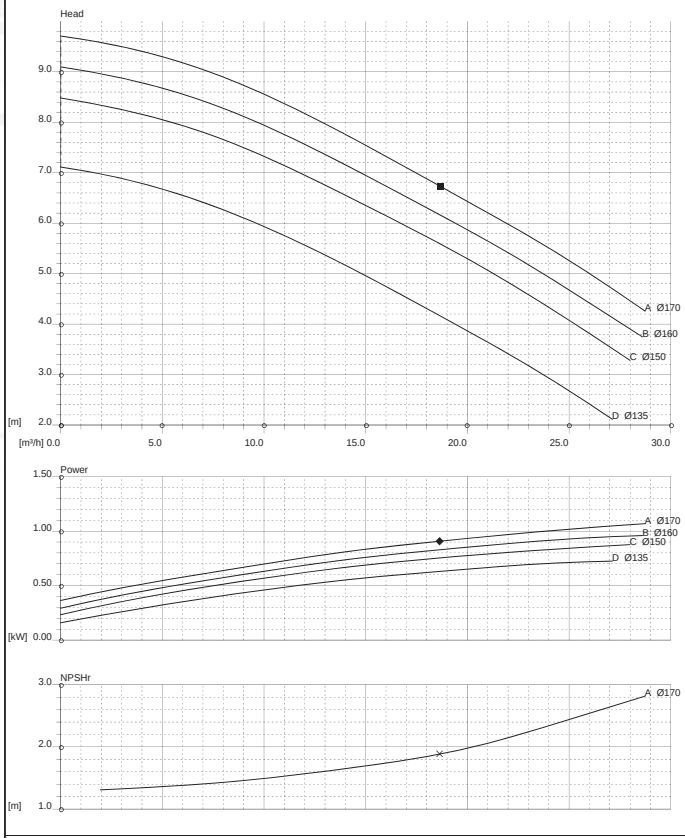
RS 32-16 4P/

1440 [rpm]
1 Stage

Curve N. **T-1851**

Max. diameter	Min. diameter	Suction Ø	Discharge Ø
170 [mm]	**135 [mm]**	**50 [mm]**	**32 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		25	**64**		**Mar 28, 2019**	

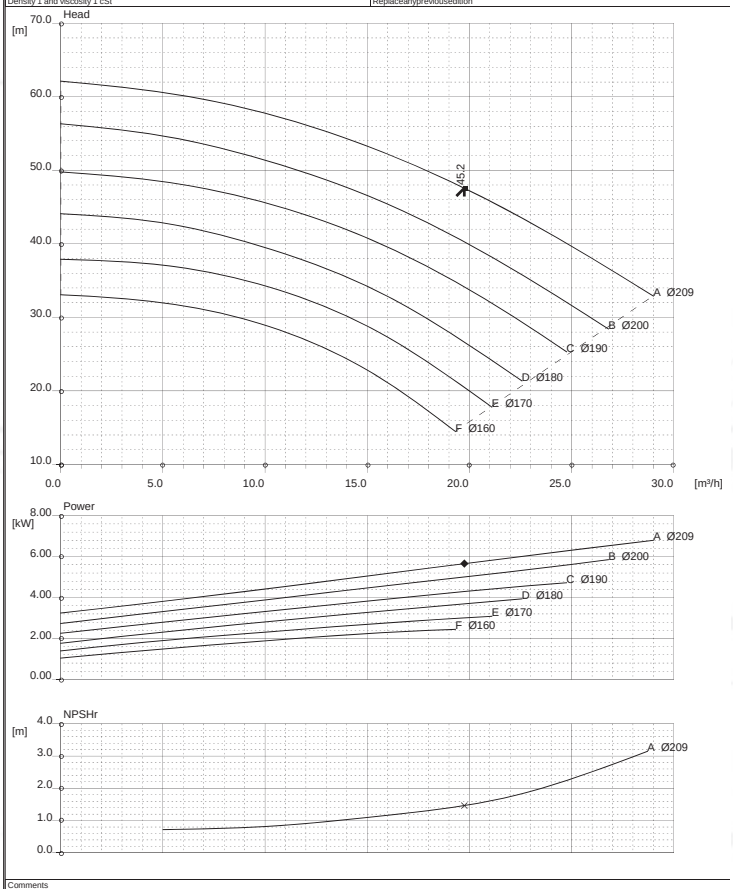
RS 32-20 2P

2950 [rpm]
1 Stage

Curve N.
T-1438

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
209 [mm]	**160 [mm]**	**3500 [rpm]**	**50 [mm]**	**32 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		12	**164**		**Jan 27, 2011**	

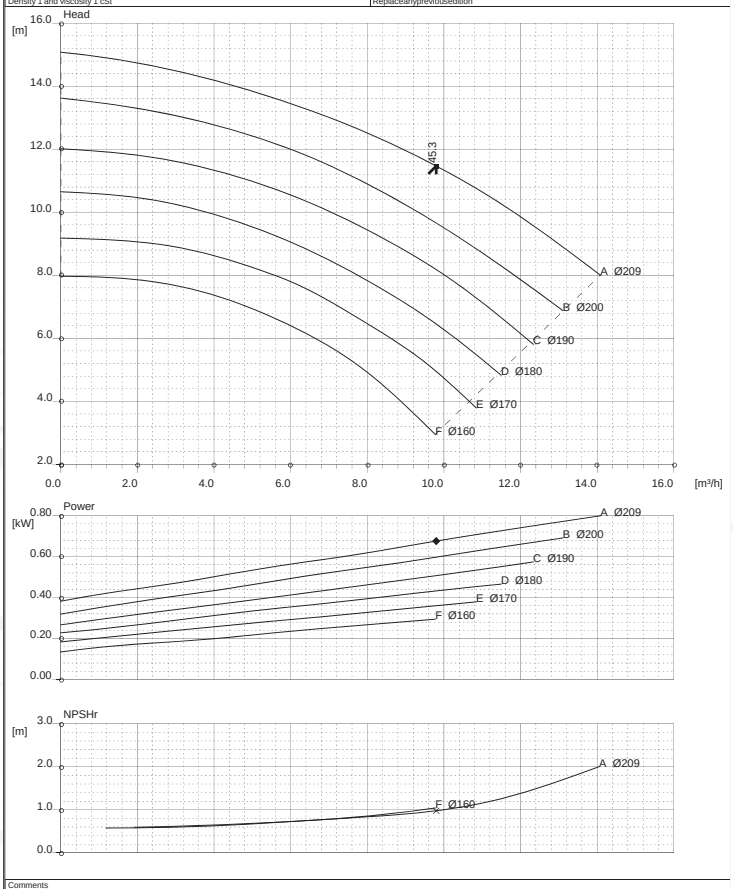
RS 32-20 4P

1450 [rpm]
1 Stage

Curve N.
T-1439

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
209 [mm]	**160 [mm]**	**1999 [rpm]**	**50 [mm]**	**32 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		12	**77**		**Jan 27, 2011**	

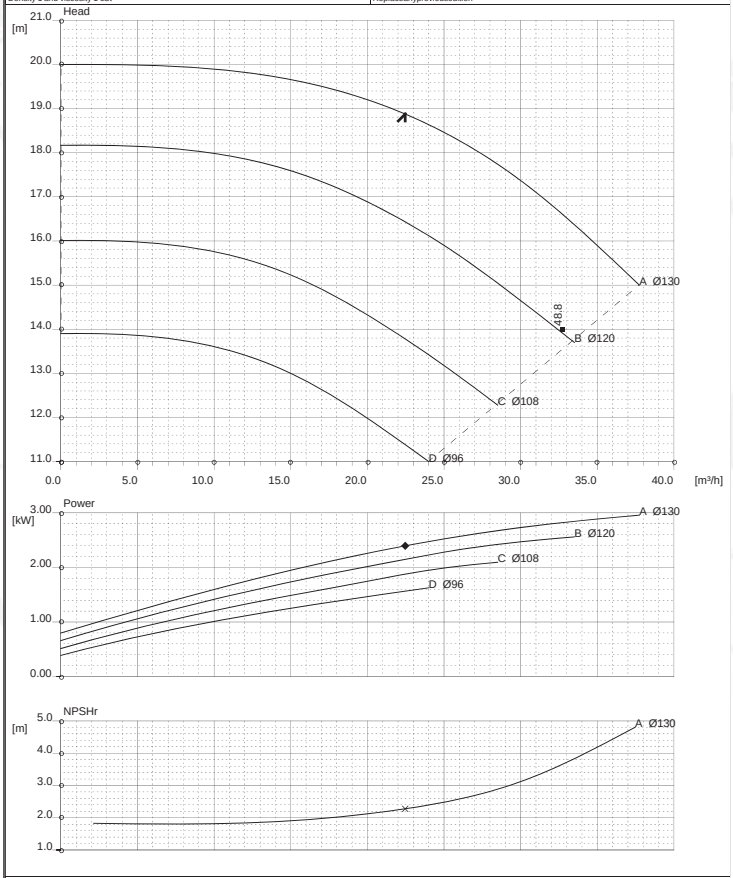
RS 40-12 2P

2900 [rpm]
1 Stage

Curve N.
T-1856

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
130 [mm]	**96 [mm]**	**3500 [rpm]**	**65 [mm]**	**40 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		25	**124**		**Jan 28, 2011**	

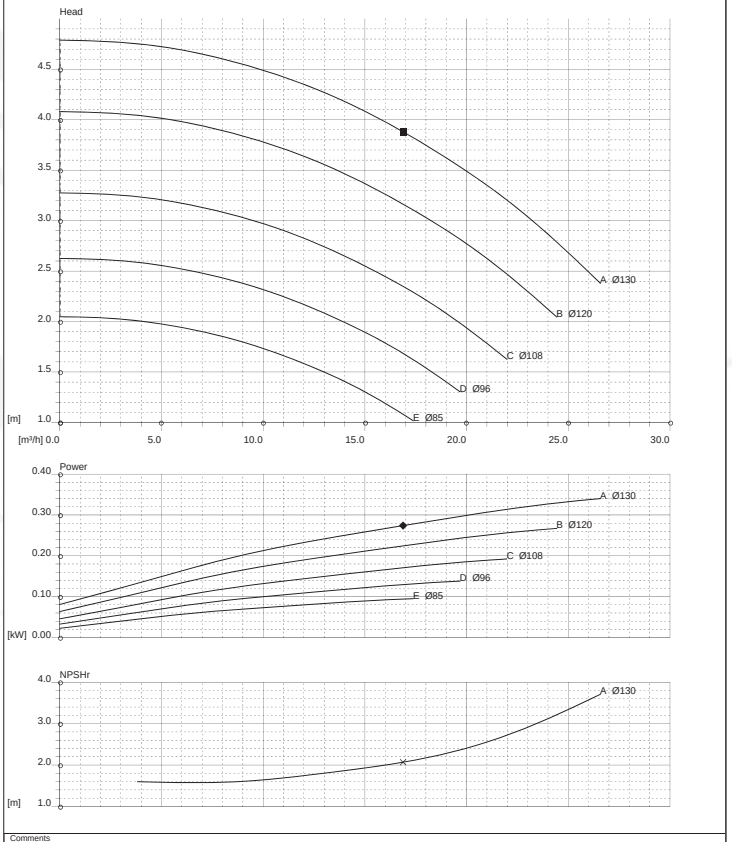
RS 40-12 4P/

1400 [rpm]
1 Stage

Curve N.
T-1852

Max. diameter	Min. diameter	Suction Ø	Discharge Ø
130 [mm]	**85 [mm]**	**65 [mm]**	**40 [mm]**

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		35	**56**		**Mar 28, 2019**	

RS 40-16 2P

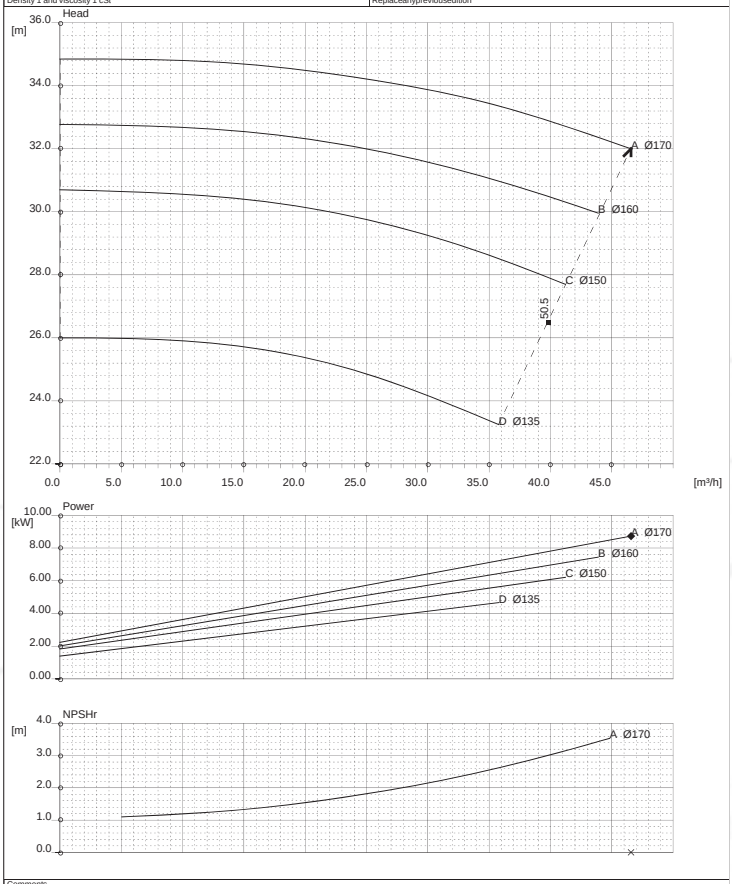
2940 [rpm]

1 Stage

Curve N. T-1294

Max.diameter	Min.diameter	Maxspeed	Suction Ø	Discharge Ø
170 [mm]	135 [mm]	3500 [rpm]	65 [mm]	40 [mm]

Density 1 and viscosity 1 cSt — Replaceanypreviousedition



Diffuser	Impeller	NS	SSS	Author	Date	Revision
		0	0		Jan27,2011	

RS 40-16 4P

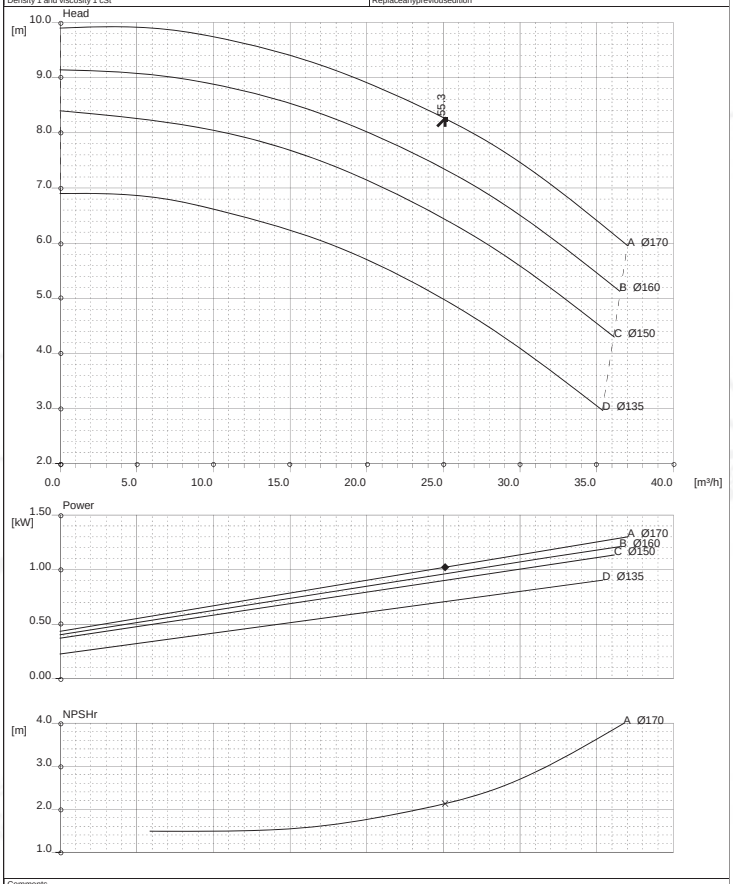
1450 [rpm]

1 Stage

Curve N. T-1853

Max.diameter	Min.diameter	Maxspeed	Suction Ø	Discharge Ø
170 [mm]	135 [mm]	1999 [rpm]	65 [mm]	40 [mm]

Density 1 and viscosity 1 cSt — Replaceanypreviousedition



Diffuser	Impeller	NS	SSS	Author	Date	Revision
		25	69		Jan27,2011	

RS 40-20 2P

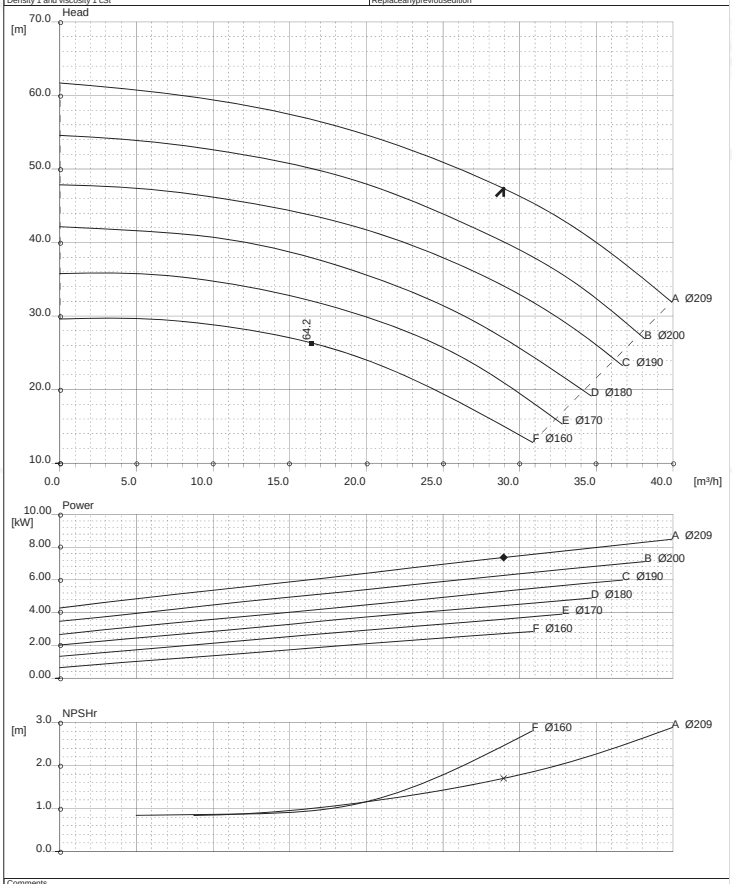
2930 [rpm]

1 Stage

Curve N. T-1242

Max.diameter	Min.diameter	Maxspeed	Suction Ø	Discharge Ø
209 [mm]	160 [mm]	3500 [rpm]	0 [mm]	0 [mm]

Density 1 and viscosity 1 cSt — Replaceanypreviousedition



Diffuser	Impeller	NS	SSS	Author	Date	Revision
		15	176		Jan27,2011	

RS 40-20 4P

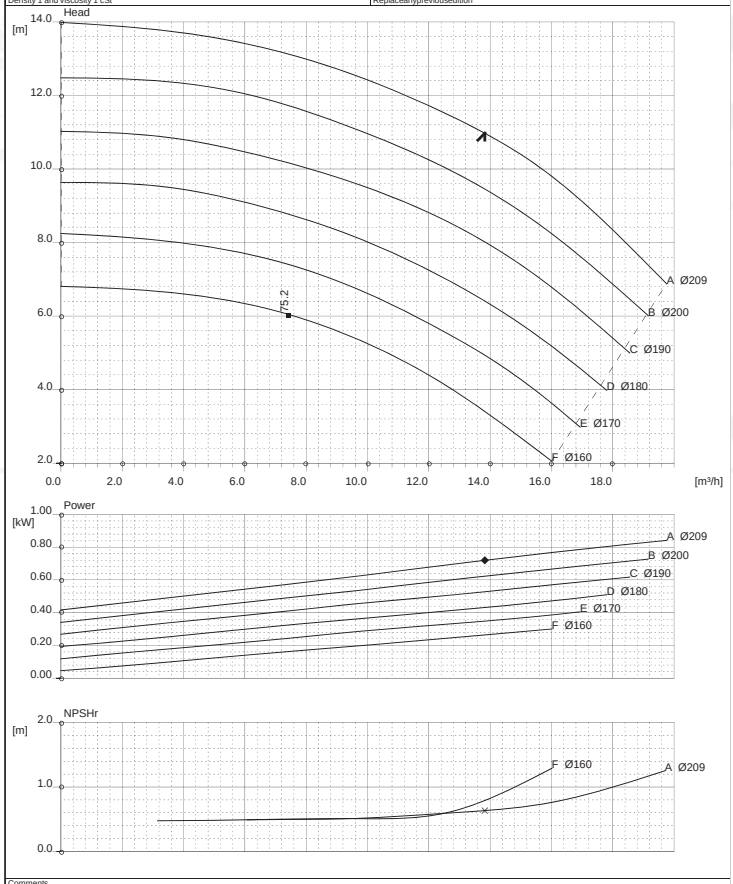
1420 [rpm]

1 Stage

Curve N. T-1241

Max.diameter	Min.diameter	Maxspeed	Suction Ø	Discharge Ø
209 [mm]	160 [mm]	1999 [rpm]	0 [mm]	0 [mm]

Density 1 and viscosity 1 cSt — Replaceanypreviousedition



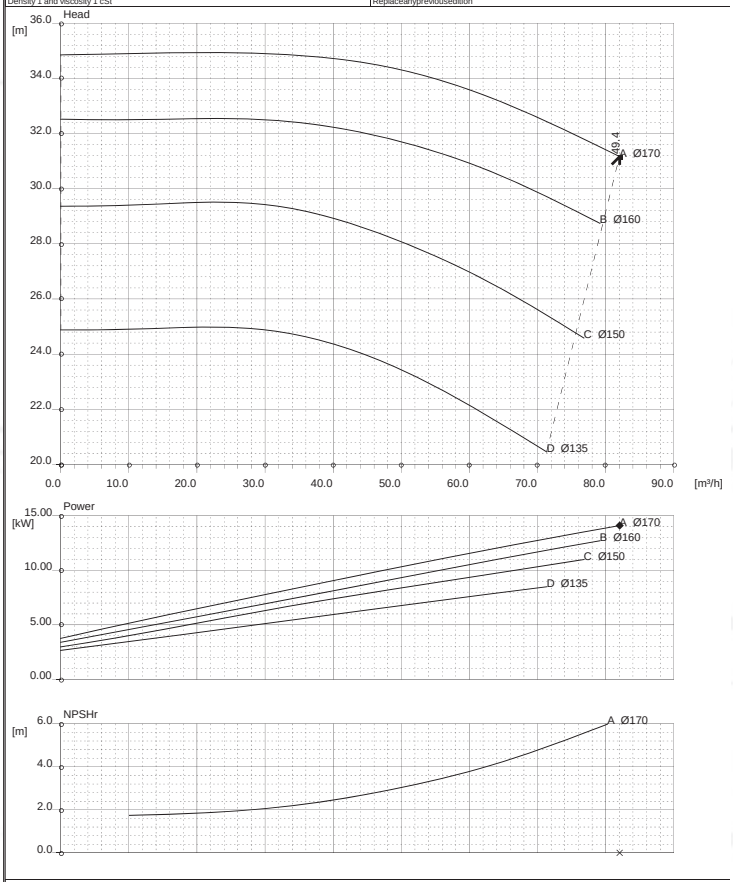
Diffuser	Impeller	NS	SSS	Author	Date	Revision
		15	124		Jan27,2011	

RS 50-16 2P

2950 [rpm]
1 Stage
Curve N. T-1299

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
170 [mm]	135 [mm]	3500 [rpm]	80 [mm]	50 [mm]

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

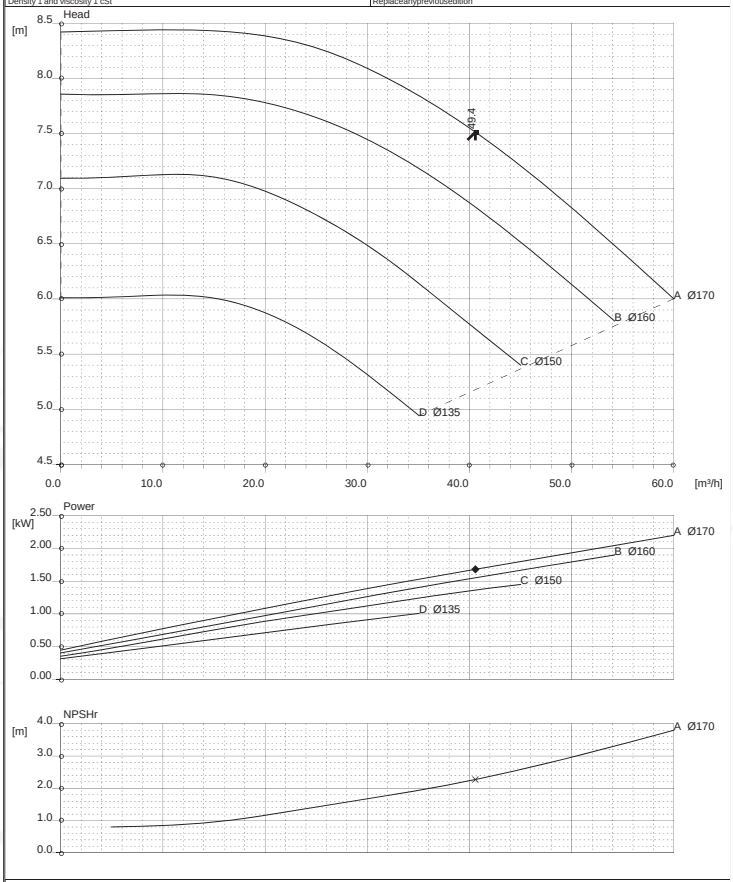
Diffuser	Impeller	NS	SSS	Author	Date	Revision
		0	0		Jan27,2011	

RS 50-16 4P

1450 [rpm]
1 Stage
Curve N. T-1384

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
170 [mm]	135 [mm]	1999 [rpm]	80 [mm]	50 [mm]

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

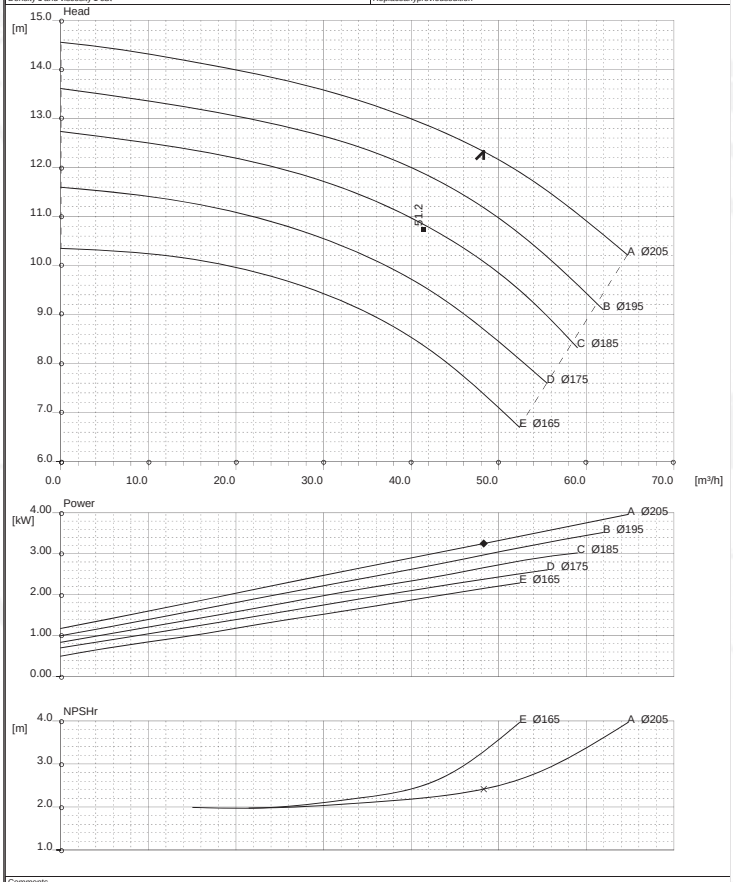
Diffuser	Impeller	NS	SSS	Author	Date	Revision
		34	83		Jan27,2011	

RS 50-20 4P

1450 [rpm]
1 Stage
Curve N. T-1121

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
205 [mm]	165 [mm]	1999 [rpm]	65 [mm]	50 [mm]

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

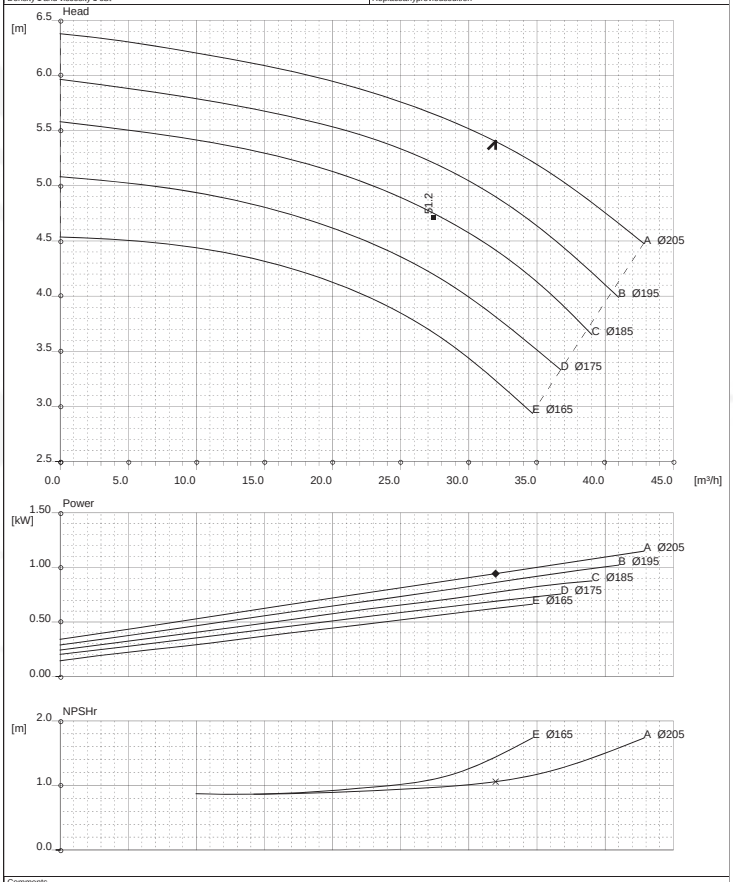
Diffuser	Impeller	NS	SSS	Author	Date	Revision
		26	87		Jan27,2011	

RS 50-20 6P

960 [rpm]
1 Stage
Curve N. T-1873

Max. diameter	Min. diameter	Max speed	Suction Ø	Discharge Ø
205 [mm]	165 [mm]	1999 [rpm]	65 [mm]	50 [mm]

Density 1 and viscosity 1 cSt — Replace any previous edition



Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		26	87		Jan27,2011	

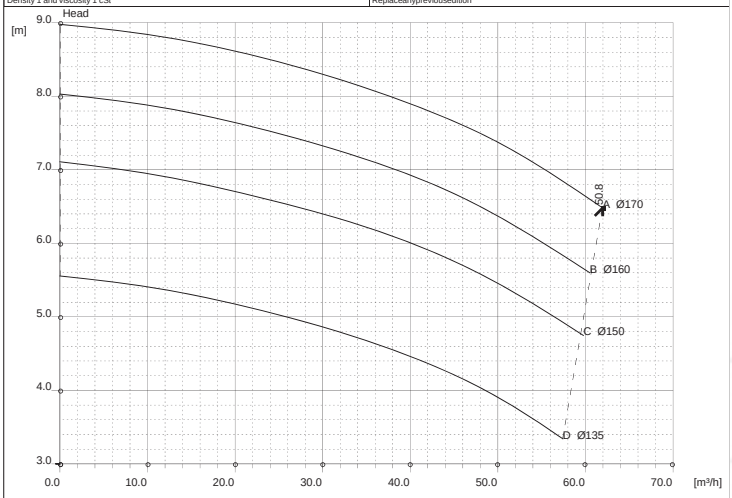
RS 65-16 4P

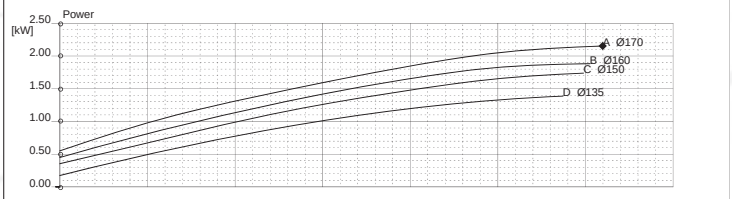
1450 [rpm]
1 Stage

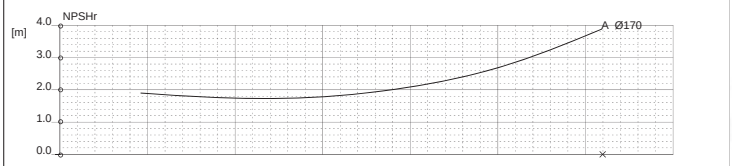
Curve N.
T-1854

Max.diameter	Min.diameter	Maxspeed	Suction Ø	Discharge Ø
170 [mm]	135 [mm]	1999 [rpm]	100 [mm]	65 [mm]

Density 1 and viscosity 1 cSt | Replaceanypreviousedition







Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		0	0		Jan27,2011	

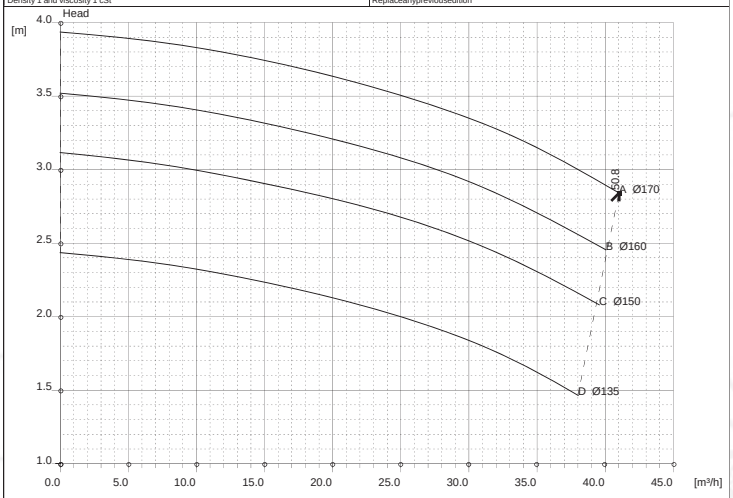
RS 65-16 6P

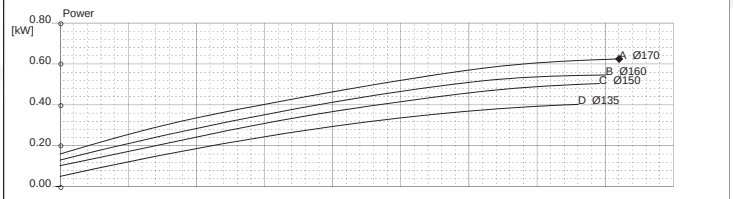
960 [rpm]
1 Stage

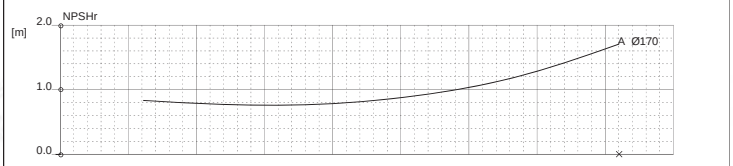
Curve N.
T-1871

Max.diameter	Min.diameter	Maxspeed	Suction Ø	Discharge Ø
170 [mm]	135 [mm]	1999 [rpm]	100 [mm]	65 [mm]

Density 1 and viscosity 1 cSt | Replaceanypreviousedition







Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		0	0		Jan27,2011	

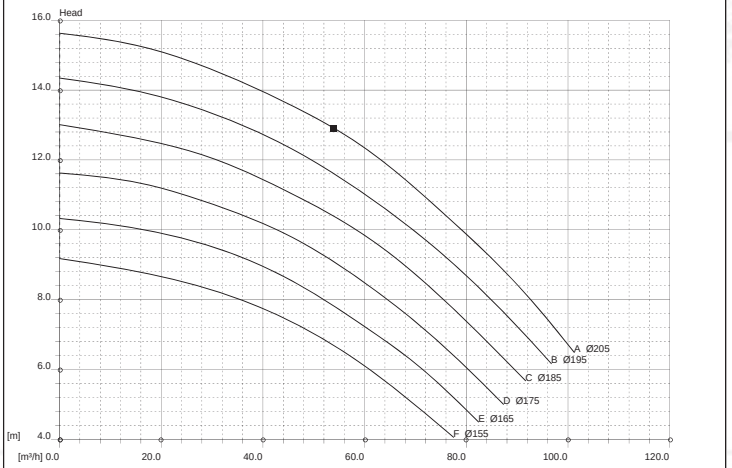
RS 65-20 4P/

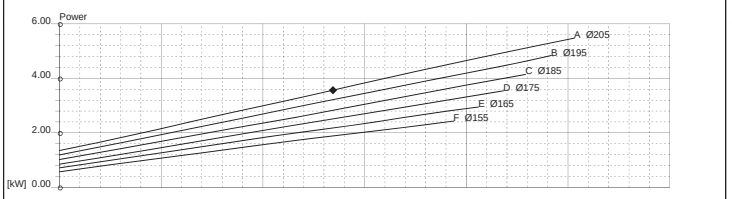
1450 [rpm]
1 Stage

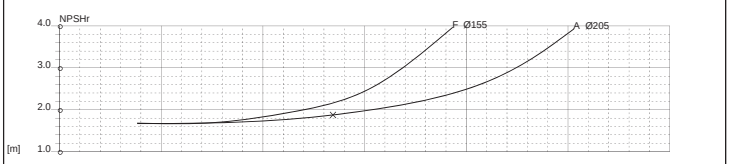
Curve N.
T-1125

Max.diameter	Min.diameter	Suction Ø	Discharge Ø
205 [mm]	155 [mm]	80 [mm]	65 [mm]

Density 1 and viscosity 1 cSt | Replace any previous edition







Comments

For pumps working with liquids having specific gravity higher than 1.15 and viscosity higher than 200 cSt, please contact the Technical Dept.

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		26	111		Oct24,2018	

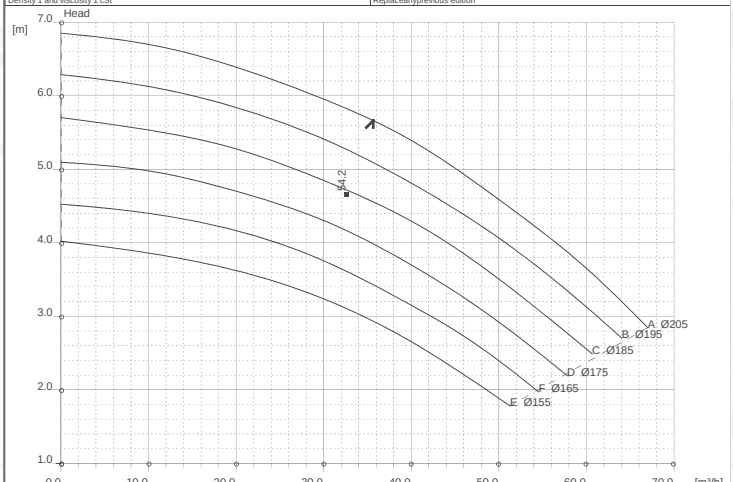
RS 65-20 6P

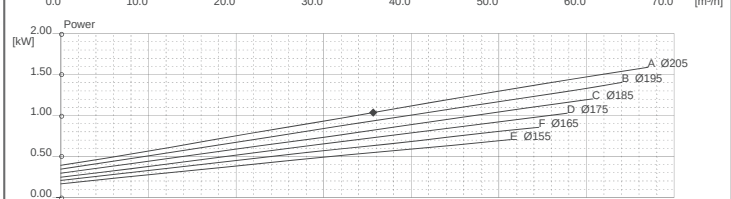
960 [rpm]
1 Stage

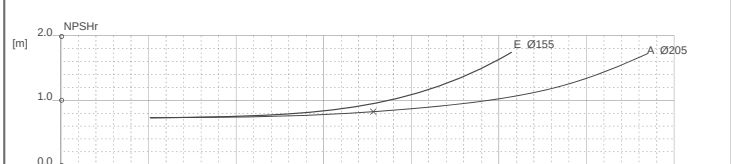
Curve N.
T-1872

Max.diameter	Min.diameter	Maxspeed	Suction Ø	Discharge Ø
205 [mm]	155 [mm]	1999 [rpm]	80 [mm]	65 [mm]

Density 1 and viscosity 1 cSt | Replaceanyprevious edition







Comments

Diffuser	Impeller	NS	SSS	Author	Date	Revision
		26	111		Jan27,2011	