

IT
TSKB 31/6 4A75 M136 1
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

EN

- ① **Modello pompa**
TS Pompa supportata con cuscinetto e bronzina
TSK pompa supportata con due cuscinetti alle estremità

- ② **Esecuzione pompa**
B pompa asse nudo su base
L pompa lanterna

- ③ **Grandezza pompa**

- ④ **Numero di giranti**

- ⑤ **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

- ⑥ **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

- ⑦ **Sistema di tenuta**
 Esecuzione **M**: Tenuta meccanica
 Esecuzione **B**: Tenuta a baderna (predisposta con raffreddamento)

- ⑧ **Modello e materiali dei componenti della tenuta mecc. primaria**
 Nota
 Per esecuzioni "B" e "S"=000

- ⑨ **Codice componenti principali della pompa**

- ① **Pump model**
TS Pump supported by ball bearing and bearing bush
TSK pump supported end by two ball bearings

- ② **Pump execution**
B bare shaft pump on base
L Lantern bracket pump

- ③ **Pump size**

- ④ **Number of impellers**

- ⑤ **Motor polarity**
 2 = 2 poles electric motor
 4 = 4 poles electric motor
 6 = 6 poles electric motor
 8 = 8 poles electric motor

- ⑥ **Electric motor power**
 0000= bare shaft pump without base

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

- ⑦ **Sealing system**
M Execution: Mechanical seal
B Execution: Gland packing without flushing

- ⑧ **Primary mechanical seal materials and type**
 Nota
 For "B" and "S" executions=000

- ⑨ **Identification code for pump's parts**

DESCRIZIONE	DESCRIPTION	CODICE MATERIALE POMPA - PUMPS MATERIAL CODE
		1
CORPO ASPIRANTE	SUCTION CASING	GJL 250
CORPO PREMENTE	DISCHARGE CASING	GJL 250
GIRANTE	IMPELLER	GJL 250
ALBERO	SHAFT	AlSi 420
PIEDE SOSTEGNO	SUPPORT FOOT	S 235 JR
LANTERNA	LANTERN BRACKET	GJL 250

Алматы (7273)495-231
 Ангарск (3955)60-70-56
 Архангельск (8182)63-90-72
 Астрахань (8512)99-46-04
 Барнаул (3852)73-04-60
 Белгород (4722)40-23-64
 Благовещенск (4162)22-76-07
 Брянск (4832)59-03-52
 Владивосток (423)249-28-31
 Владикавказ (8672)28-90-48
 Владимир (4922)49-43-18
 Волгоград (844)278-03-48
 Вологда (8172)26-41-59
 Воронеж (473)204-51-73
 Екатеринбург (343)384-55-89
 Россия +7(495)268-04-70

Иваново (4932)77-34-06
 Ижевск (3412)26-03-58
 Иркутск (395)279-98-46
 Казань (843)206-01-48
 Калининград (4012)72-03-81
 Калуга (4842)92-23-67
 Кемерово (3842)65-04-62
 Киров (8332)68-02-04
 Коломна (4966)23-41-49
 Кострома (4942)77-07-48
 Краснодар (861)203-40-90
 Красноярск (391)204-63-61
 Курск (4712)77-13-04
 Курган (3522)50-90-47
 Липецк (4742)52-20-81
 Казахстан +7(7172)727-132

Магнитогорск (3519)55-03-13
 Москва (495)268-04-70
 Мурманск (8152)59-64-93
 Набережные Челны (8552)20-53-41
 Нижний Новгород (831)429-08-12
 Новокузнецк (3843)20-46-81
 Ноябрьск (3496)41-32-12
 Новосибирск (383)227-86-73
 Омск (3812)21-46-40
 Орел (4862)44-53-42
 Оренбург (3532)37-68-04
 Пенза (8412)22-31-16
 Петрозаводск (8142)55-98-37
 Псков (8112)59-10-37
 Пермь (342)205-81-47
 Киргизия +996(312)96-26-47

Ростов-на-Дону (863)308-18-15
 Рязань (4912)46-61-64
 Самара (846)206-03-16
 Саратов (8342)22-96-24
 Санкт-Петербург (812)309-46-40
 Саратов (845)249-38-78
 Севастополь (8692)22-31-93
 Симферополь (3652)67-13-56
 Смоленск (4812)29-41-54
 Сочи (862)225-72-31
 Ставрополь (8652)20-65-13
 Сургут (3462)77-98-35
 Сыктывкар (8212)25-95-17
 Тамбов (4752)50-40-97
 Тверь (4822)63-31-35

Тольятти (8482)63-91-07
 Томск (3822)98-41-53
 Тула (4872)33-79-87
 Тюмень (3452)66-21-18
 Ульяновск (8422)24-23-59
 Улан-Удэ (3012)59-97-51
 Уфа (347)229-48-12
 Хабаровск (4212)92-98-04
 Чебоксары (8352)28-53-07
 Челябинск (351)202-03-61
 Череповец (8202)49-02-64
 Чита (3022)38-34-83
 Якутск (4112)23-90-97
 Ярославль (4852)69-52-93

		Grandezze - Size			
Descrizione - <i>Description</i>	Unità di misura - <i>Unit of measurement</i>	31	32	40	50
Casing - <i>Corpo</i>					
Spessore corpo - <i>Casing thickness</i>	mm	15	15	15	15
Pressione max. - <i>Max. pressure</i>	bar	40	40	40	40
Girante - <i>Impeller</i>					
Numero di giranti - <i>Impeller number</i>		1 - 11	1 - 11	1 - 10	1 - 10
Luce di uscita girante - <i>Impeller width</i>	mm	2.5	5	6	8
Dia di ingresso - <i>Inlet diameter</i>	mm	40	40	65	65
Dia massimo - <i>Max. diameter</i>	mm	138	138	155	155
Dia minimo - <i>Min. diameter</i>	mm	116	116	131	131
Cassa stoppa - <i>Seal Chamber</i>					
Diametro - <i>Diameter</i>	mm	43	43	43	43
Profondità - <i>Lenght</i>	mm	40	40	65	65
Sezione baderna - <i>Section packing</i>	mm	-	-	10	10
N° anelli baderna - <i>Number of packing ring</i>	-	-	-	9	9
Diam.Ten. meccanica L.C. - <i>Dia. mechanical seal D.S.</i>	mm	32	32	(c)	(c)
Diam.Ten. meccanica L.O.C. - <i>Dia. mechanical seal N.D.S.</i>	mm	(b)	(b)	(b)	(b)
Camera raffreddamento. - <i>Cooling jacket</i>					
Max. pressione - <i>Max. pressure</i>	bar	3	3	3	3
Connessioni - <i>Connections holes</i>		G.1/4	G.1/4	G.1/4	G.1/4
Albero - <i>Shaft</i>					
Diam. Sotto la camicia - <i>Shaft dia. under sleeve</i>	mm	22 (a)	22 (a)	28	28
Diam. Sotto la girante - <i>Shaft dia.under impeller</i>	mm	25	25	32	32
Cuscinetti - <i>Bearings</i>					
Lato Comando - <i>Drive Side</i>		3305	3305	Fino a 7 3305 Dopo 7 3306	Fino a 7 3305 Dopo 7 3306
Lato Opposto Comando - <i>Not Drive Side</i>		6403	6403	6305	6305

^(a) Camicia presente solo su TSK - TSKB - TSKL - shaft sleeve only for TSK - TSKB - TSKL

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

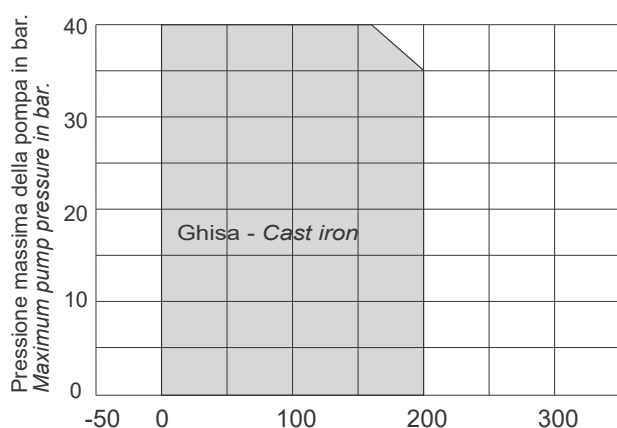
^(b) fino a 6 giranti ø30 dopo ø28 - up to 6 impeller ø30 further ø28

^(c) fino a 6 giranti ø30 dopo ø32 - up to 6 impeller ø30 further ø32

Limiti di pressione e di temperatura

(Senza prescrizioni speciali)

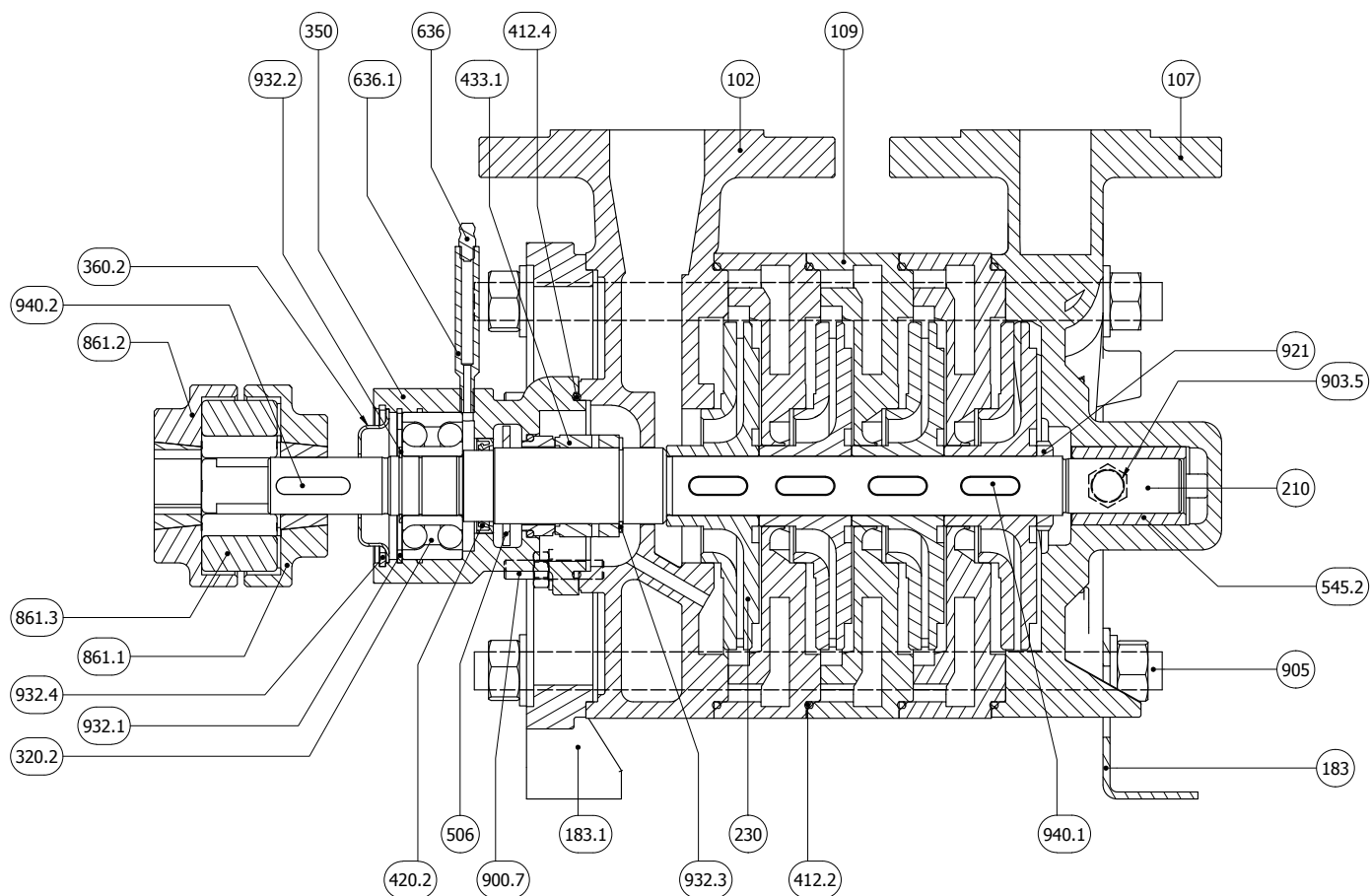
Materiali di costruzione:
Construction materials:



Pressure and temperature limits

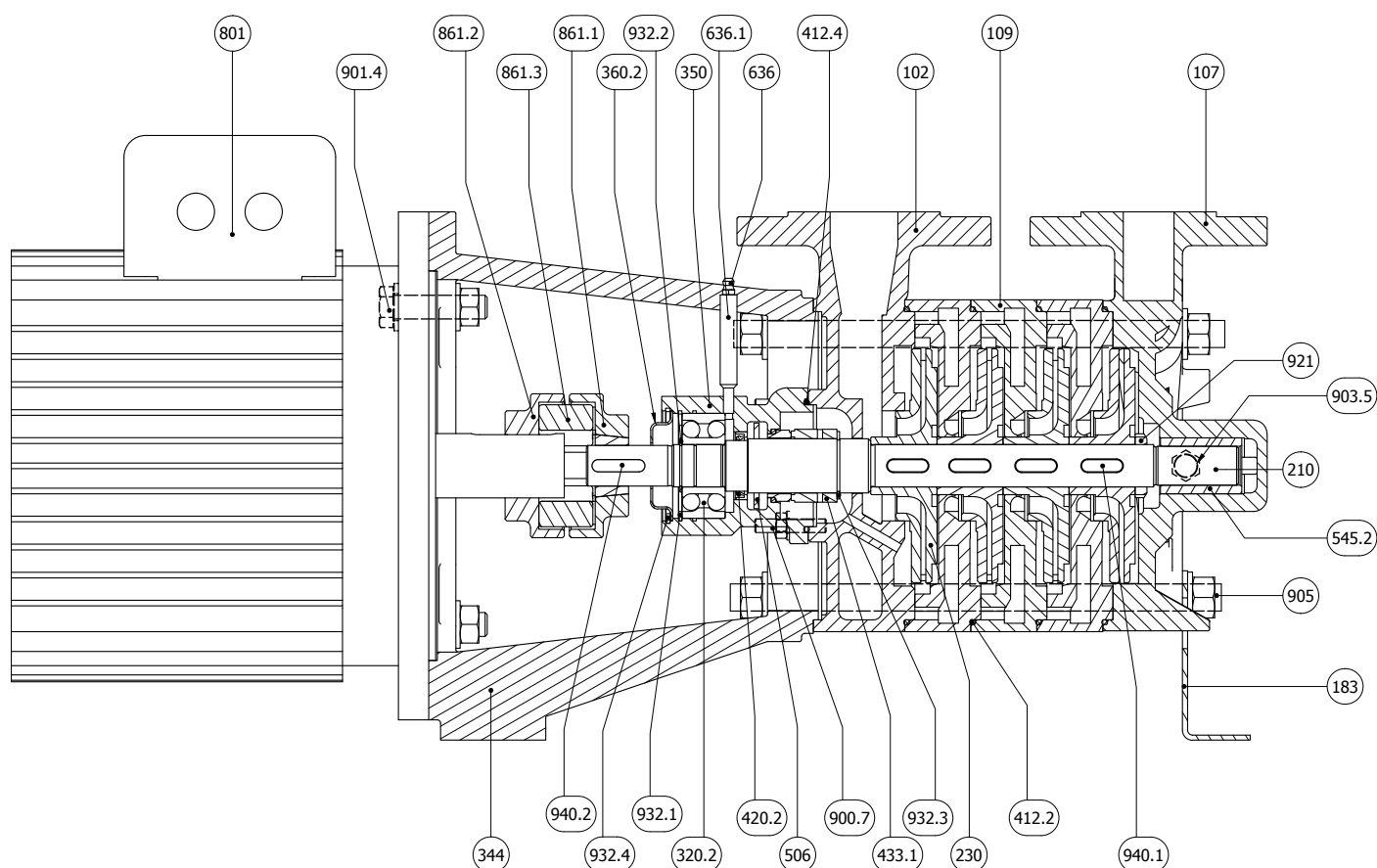
(Without special advice)

LIMITI DI IMPIEGO DUTY LIMITS		
Materiale	Temperatura	Pressione
Ghisa	-20 +120	40 Bar
Material	Temperature	Pressure
Cast iron	-20 +120	40 Bar



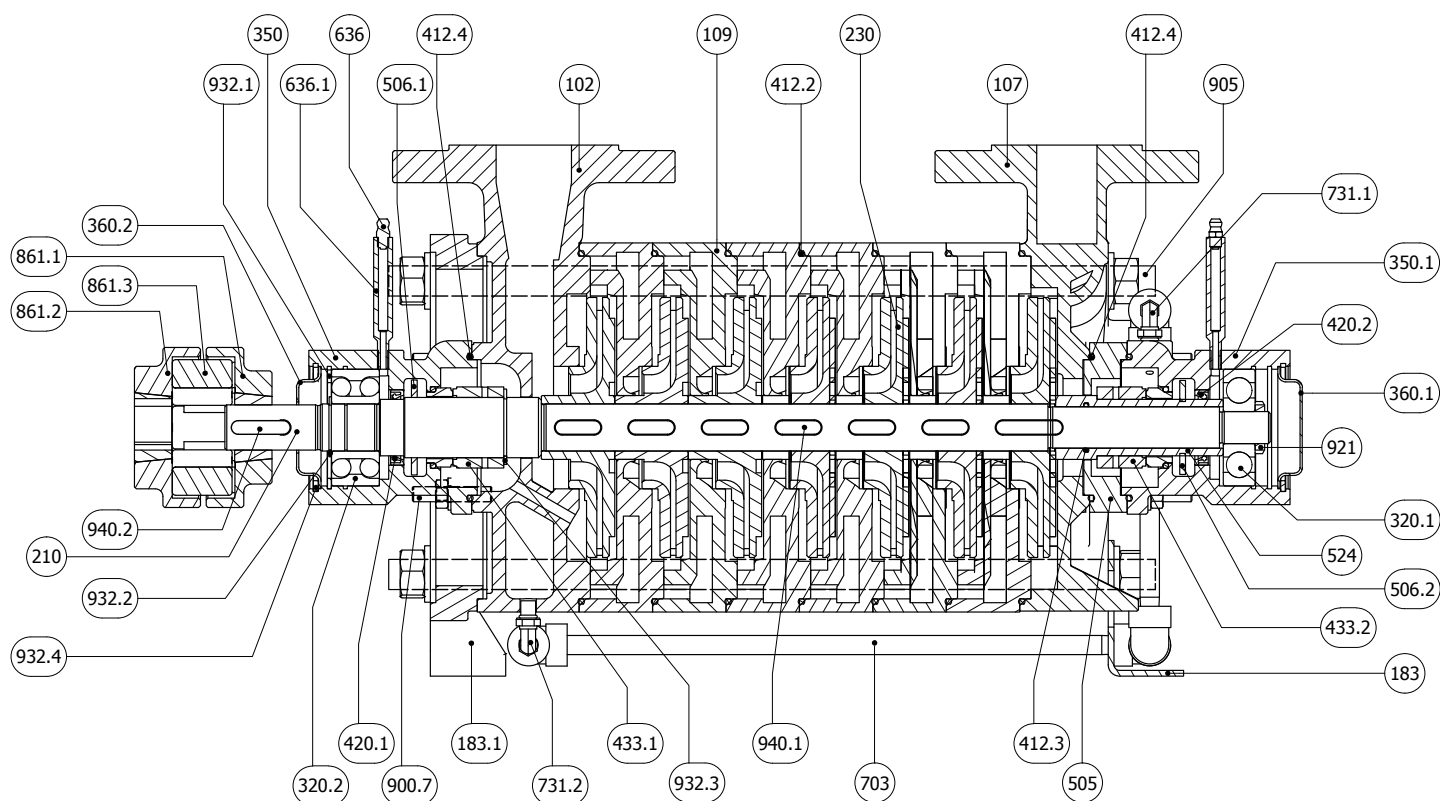
N.	DESCRIZIONE	DESCRIPTION
102	Corpo aspirante	Suction casing
107	Corpo premente	Discharge casing
109	Elemento diffusore	Interstage difuser
183	Piede di appoggio l.o.c.	Support foot N.D.S.
183.1	Piede di appoggio l.c.	Support foot D.S.
210	Albero	Shaft
230	Girante	Impeller
320.2	Cuscinetto a sfere l.c.	Ball bearing D.S.
350	Supporto cuscinetto	Bearing housing
360.2	Coperchio cuscinetto l.c.	Bearing cover D.S.
412.2	O-ring elemento	O-ring
412.4	O-ring supporto	O-ring bearing housing
420.2	Anello di tenuta l.c.	Bearing cover seal D.S.
433.1	Tenuta Meccanica l.c.	Mechanical seal D.S.
506	Paraspruzzi	Deflector
545.2	Bronzina	Bearing bush

N.	DESCRIZIONE	DESCRIPTION
636	Ingrassatore	Grease nipple
636.1	Prolunga ingrassatore	Extention grease nipple
861.1	Semigiunto lato pompa	Half coupling pump side
861.2	Semigiunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling elastomer
900.7	Prigioniero con dado	Stud with nut
903.5	Tappo	Plug
905	Tirante	Tie bolt
921	Ghiera	Impeller nut
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
932.3	Anello di sicurezza (seeger) albero	Shaft circlip
932.4	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key



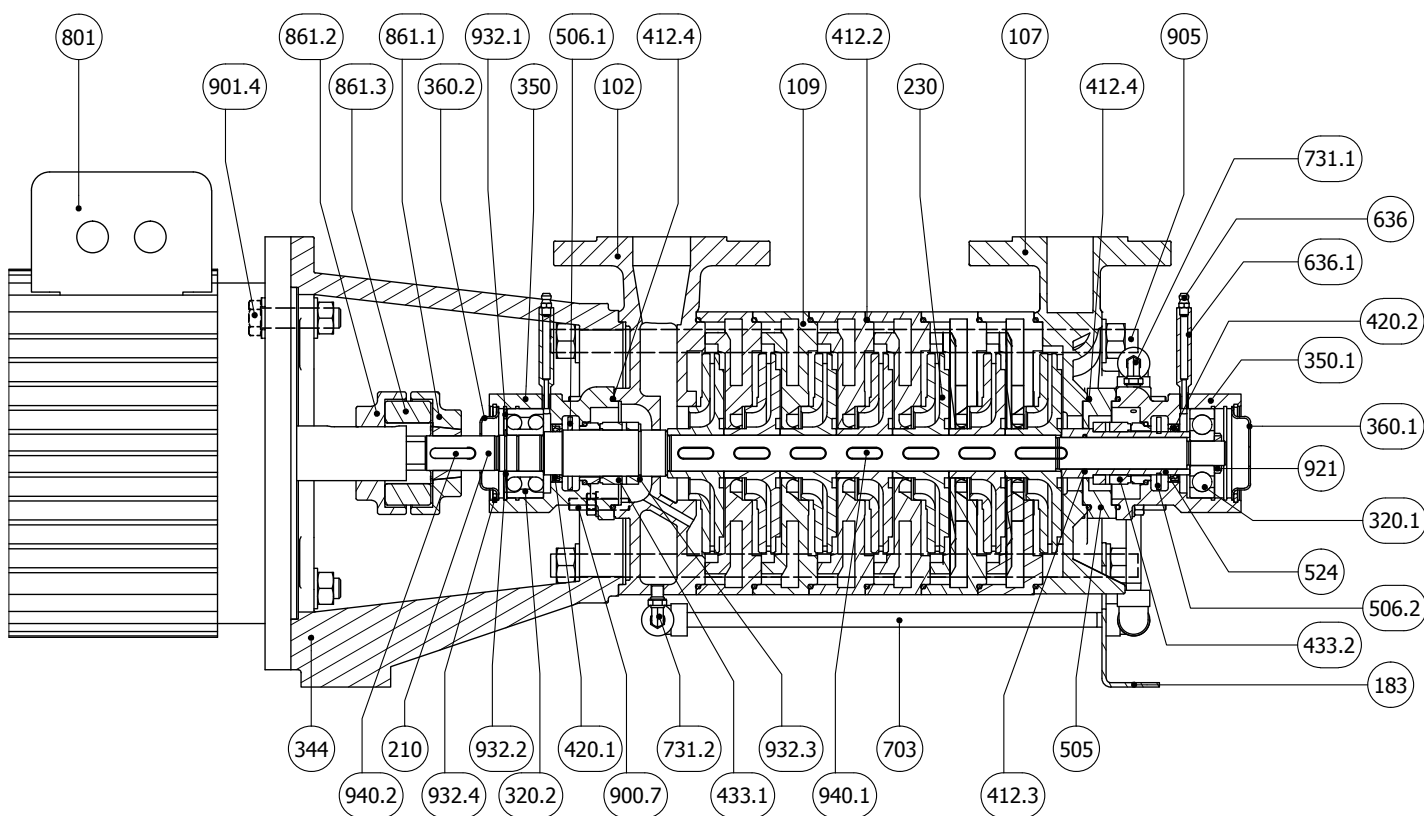
N.	DESCRIZIONE	DESCRIPTION
102	Corpo aspirante	Suction casing
107	Corpo premente	Discharge casing
109	Elemento diffusore	Interstage difuser
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
320.2	Cuscinetto a sfere l.c.	Ball bearing D.S.
344	Lanterna motore	Lantern bracket
350	Supporto cuscinetto	Bearing housing
360.2	Coperchio cuscinetto l.c.	Bearing cover D.S.
412.2	O-ring elemento	O-ring
412.4	O-ring supporto	O-ring bearing housing
420.2	Anello di tenuta l.c.	Bearing cover seal D.S.
433.1	Tenuta Meccanica l.c.	Mechanical seal D.S.
506	Paraspruzzi	Deflector
545.2	Bronzina	Bearing bush
636	Ingrassatore	Grease nipple

N.	DESCRIZIONE	DESCRIPTION
636.1	Prolunga ingrassatore	Extention grease nipple
801	Motore elettrico	Electric motor
861.1	Semigiunto lato pompa	Half coupling pump side
861.2	Semigiunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling elastomer
900.7	Prigioniero con dado	Stud with nut
903.5	Tappo	Plug
901.4	Vite T.E.	Hex head screw
905	Tirante	Tie bolt
921	Ghiera	Impeller nut
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
932.3	Anello di sicurezza (seeger) albero	Shaft circlip
932.4	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key



N.	DESCRIZIONE	DESCRIPTION
102	Corpo aspirante	Suction casing
107	Corpo premente	Discharge casing
109	Elemento diffusore	Interstage difuser
183	Piede di appoggio l.o.c.	Support foot N.D.S.
183.1	Piede di appoggio l.c.	Support foot D.S.
210	Albero	Shaft
230	Girante	Impeller
320.1	Cuscinetto a sfere l.o.c.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere l.c.	Ball bearing D.S.
350.1	Supporto cuscinetto l.o.c.	Bearing housing N.D.S.
350	Supporto cuscinetto l.c.	Bearing housing D.S.
360.1	Coperchio cuscinetto l.o.c.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto l.c.	Bearing cover D.S.
412.2	O-ring elemento	O-ring
412.3	O-ring camicia	O-ring shaft sleeve
412.4	O-ring supporto	O-ring bearing housing
420.1	Anello di tenuta l.o.c.	Bearing cover seal N.D.S.
420.2	Anello di tenuta l.c.	Bearing cover seal D.S.
433.1	Tenuta Meccanica l.c.	Mechanical seal D.S.
433.2	Tenuta Meccanica l.o.c.	Mechanical seal N.D.S.
505	Distanziale supporto	Bearing housing spacer

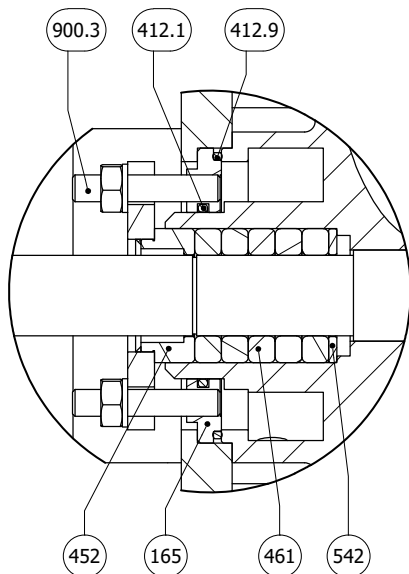
N.	DESCRIZIONE	DESCRIPTION
506.1	Paraspruzzi l.c.	Deflector D.S.
506.2	Paraspruzzi l.o.c.	Deflector N.D.S.
524	Camicia albero	Shaft sleeve
636	Ingrassatore	Grease nipple
636.1	Prolunga ingrassatore	Extention grease nipple
703	Tubazione di bilanciamento	Balancing pipe
731.1	Raccordo a gomito	Union elbow
731.2	Raccordo dritto	Union
861.1	Semigiunto lato pompa	Half coupling pump side
861.2	Semigiunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling elastomer
900.7	Prigioniero con dado	Stud with nut
905	Tirante	Tie bolt
921	Ghiera	Impeller nut
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
932.3	Anello di sicurezza (seeger) albero	Shaft circlip
932.4	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key



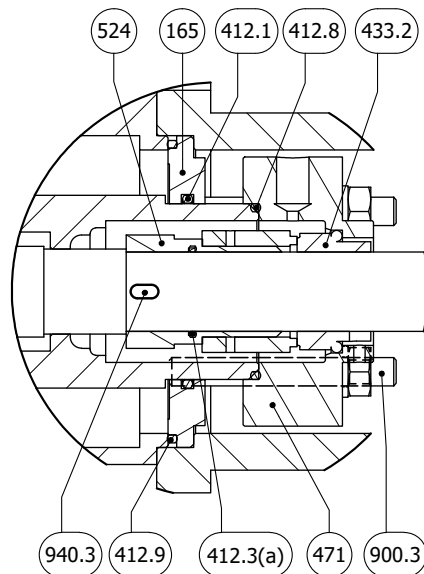
N.	DESCRIZIONE	DESCRIPTION
102	Corpo aspirante	Suction casing
107	Corpo premente	Discharge casing
109	Elemento diffusore	Interstage difuser
183	Piede di appoggio l.o.c.	Support foot
210	Albero	Shaft
230	Girante	Impeller
320.1	Cuscinetto a sfere l.o.c.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere l.c.	Ball bearing D.S.
344	Lanterna motorre	Lantern bracket
350.1	Supporto cuscinetto l.o.c.	Bearing housing N.D.S.
350	Supporto cuscinetto l.c.	Bearing housing D.S.
360.1	Coperchio cuscinetto l.o.c.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto l.c.	Bearing cover D.S.
412.2	O-ring elemento	O-ring
412.3	O-ring camicia	O-ring shaft sleeve
412.4	O-ring supporto	O-ring bearing housing
420.1	Anello di tenuta l.o.c.	Bearing cover seal N.D.S.
420.2	Anello di tenuta l.c.	Bearing cover seal D.S.
433.1	Tenuta Meccanica l.c.	Mechanical seal D.S.
433.2	Tenuta Meccanica l.o.c.	Mechanical seal N.D.S.
505	Distanziale supporto	Bearing housing spacer
506.1	Paraspruzzi l.c.	Deflector D.S.

N.	DESCRIZIONE	DESCRIPTION
506.2	Paraspruzzi l.o.c.	Deflector N.D.S.
524	Camicia albero	Shaft sleeve
636	Ingrassatore	Grease nipple
636.1	Prolunga ingrassatore	Extention grease nipple
703	Tubazione di bilanciamento	Balancing pipe
731.1	Raccordo a gomito	Union elbow
731.2	Raccordo dritto	Union
801	Motore elettrico	Electric motor
861.1	Semigiunto lato pompa	Half coupling pump side
861.2	Semigiunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling elastomer
900.7	Prigioniero con dado	Stud with nut
901.4	Vite T.E.	Hex head screw
905	Tirante	Tie bolt
921	Ghiera	Impeller nut
932.1	Anello di sicurezza (seeger) foro	Hole circlip
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
932.3	Anello di sicurezza (seeger) albero	Shaft circlip
932.4	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

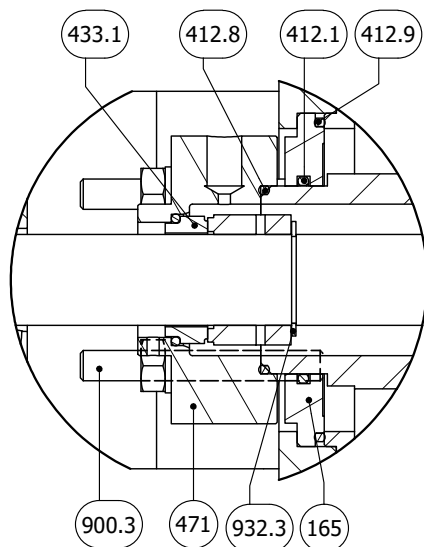
Tenuta a baderna
Packing gland seal
TS 40 TS 50



Tenuta meccanica lato mandata
Discharge side mechanical seal
TS 40 TS 50

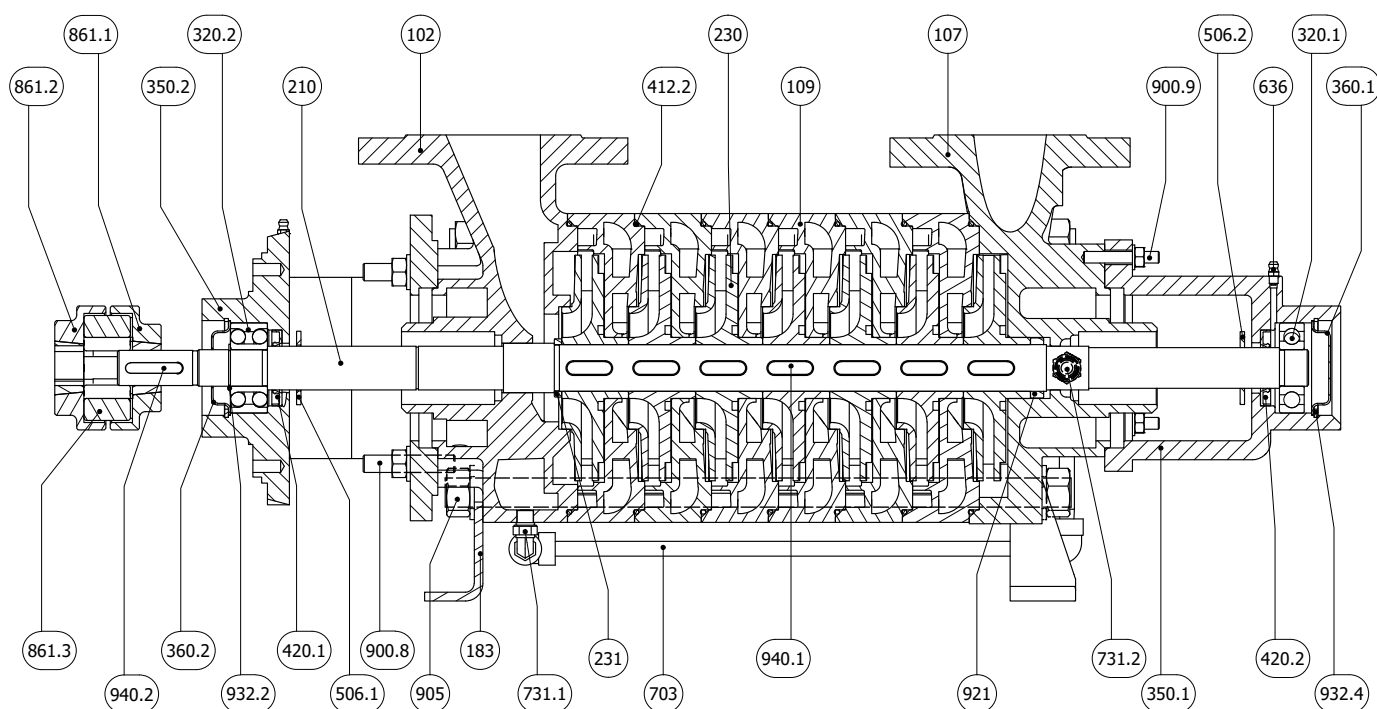


Tenuta meccanica lato aspirazione
Suction side mechanical seal
TS 40 TS 50



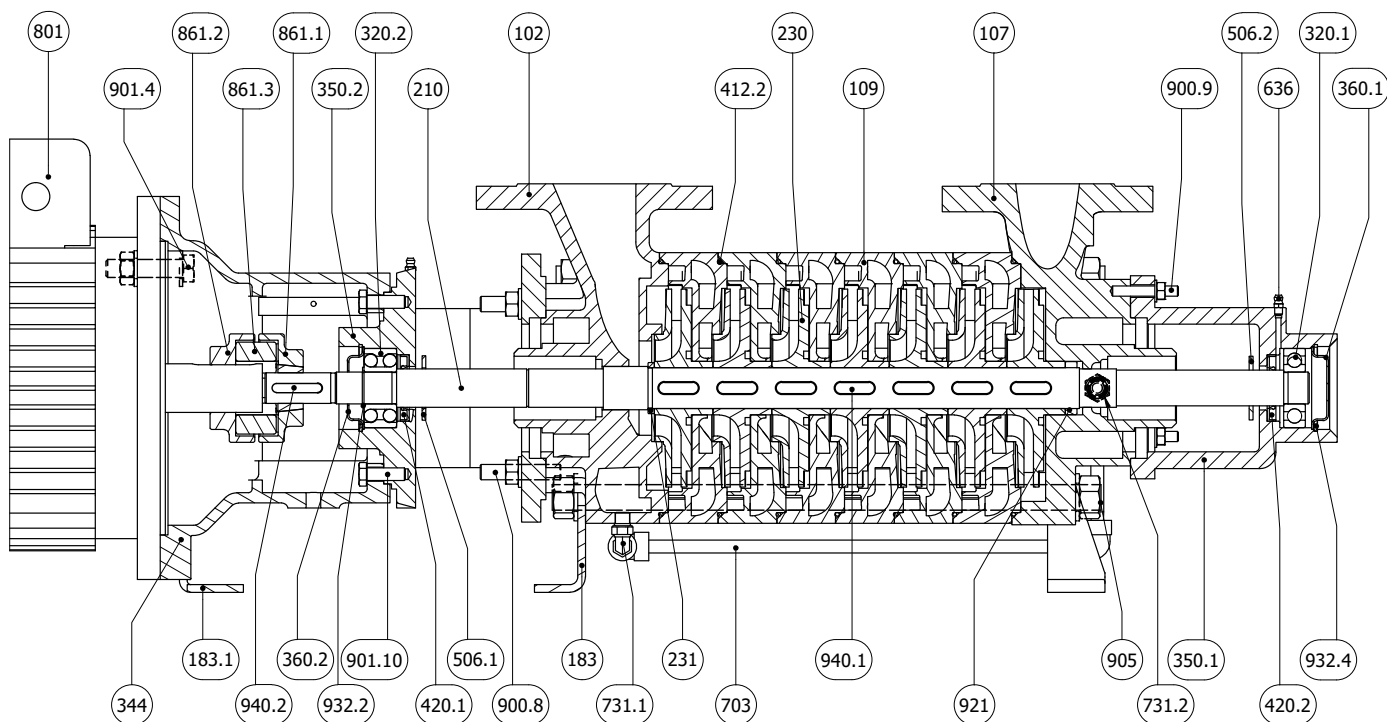
N.	DESCRIZIONE	DESCRIPTION
165	Coperchio camera di raffreddamento	Cooling chamber cover
412.1	O.Ring	O.Ring
412.3(a)	O.Ring	O.Ring
412.8	O.Ring	O.Ring
412.9	O.Ring	O.Ring
433.1	Tenuta meccanica L.C.	Mechanical seal D.S.
433.2	Tenuta meccanica L.O.C.	Mechanical seal N.D.S.
452	Premitreccia	Packing gland
461	Baderna	Packing ring
471	Coperchio tenuta meccanica	Mechanical seal cover
524	Camicia albero	Shaft sleeve
542	Bussola di fondo	Bottom sleeve
900.3	Prigioniero con dado	Stud with nut
932.3	Anello di sicurezza albero	Shaft circlip
940.3	Linguetta camicia	Shaft sleeve key

^(a) Solo su grandezze - only for size TSKB 40-50/7, 40-50/8, 40-50/9, 40-50/10



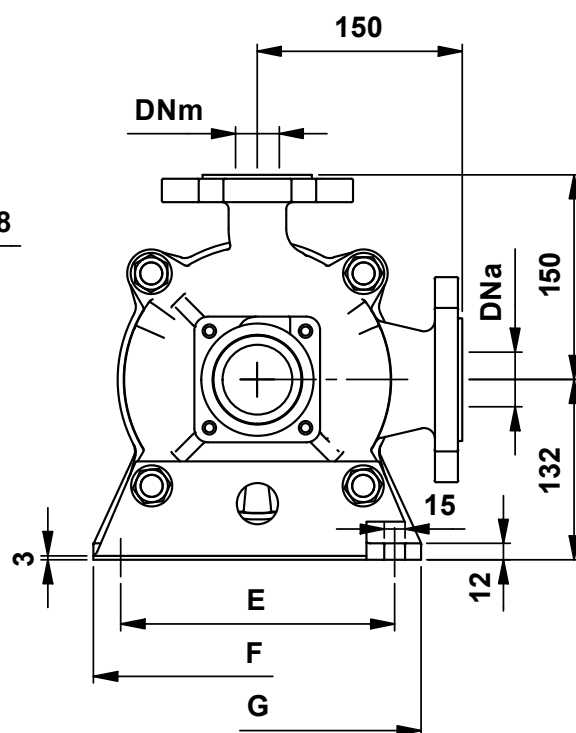
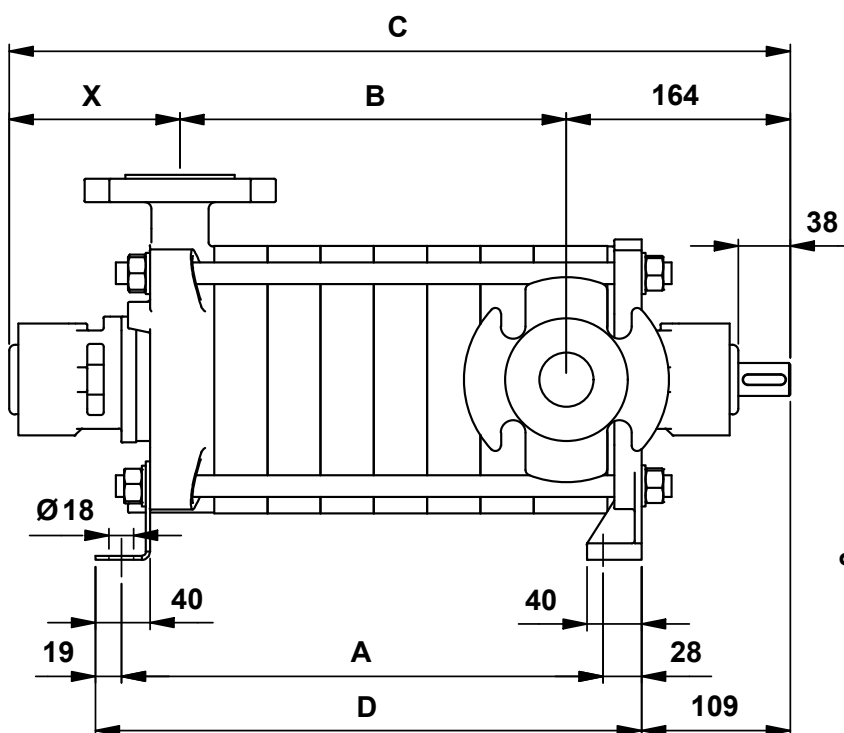
N.	DESCRIZIONE	DESCRIPTION
102	Corpo aspirante	Suction casing
107	Corpo premente	Discharge casing
109	Elemento diffusore	Interstage difuser
183	Piede di appoggio	Support foot
210	Albero	Shaft
230	Girante	Impeller
231	Distanziale girante	Impeller spacer
320.1	Cuscinetto a sfere l.o.c.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere l.c.	Ball bearing D.S.
350.1	Supporto cuscinetto l.o.c.	Bearing housing N.D.S.
350.2	Supporto cuscinetto l.c.	Bearing housing D.S.
360.1	Coperchio cuscinetto l.o.c.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto l.c.	Bearing cover D.S.
412.2	O-ring elemento	O-ring
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.
506.1	Paraspruzzi l.c.	Deflector D.S.

N.	DESCRIZIONE	DESCRIPTION
506.2	Paraspruzzi l.o.c.	Deflector N.D.S.
636	Ingrassatore	Grease nipple
703	Tubazione di bilanciamento	Balancing pipe
731.1	Raccordo a gomito	Union elbow
731.2	Raccordo diritto	Union
861.1	Semigiunto lato pompa	Half coupling pump side
861.2	Semigiunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling elastomer
900.8	Prigioniero con dado	Stud with nut
900.9	Prigioniero con dado	Stud with nut
905	Tirante	Tie bolt
921	Ghiera	Impeller nut
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
932.4	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key

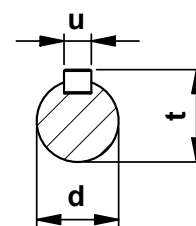
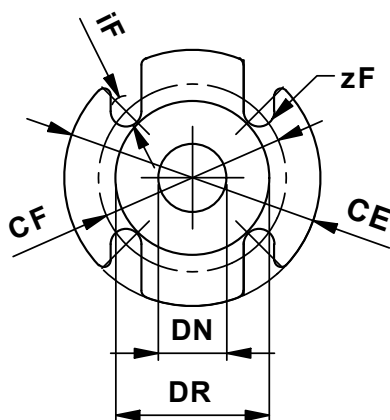
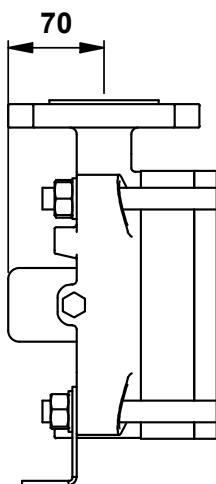


N.	DESCRIZIONE	DESCRIPTION
102	Corpo aspirante	Suction casing
107	Corpo premente	Discharge casing
109	Elemento diffusore	Interstage difuser
183	Piede di appoggio	Support foot
183.1	Piede Lanterna	Lantern foot
210	Albero	Shaft
230	Girante	Impeller
231	Distanziale girante	Impeller spacer
320.1	Cuscinetto a sfere l.o.c.	Ball bearing N.D.S.
320.2	Cuscinetto a sfere l.c.	Ball bearing D.S.
344	Lanterna motore	Lantern Bracket
350.1	Supporto cuscinetto l.o.c.	Bearing housing N.D.S.
350.2	Supporto cuscinetto l.c.	Bearing housing D.S.
360.1	Coperchio cuscinetto l.o.c.	Bearing cover N.D.S.
360.2	Coperchio cuscinetto l.c.	Bearing cover D.S.
412.2	O-ring elemento	O-ring
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.
506.1	Paraspruzzi l.c.	Deflector D.S.

N.	DESCRIZIONE	DESCRIPTION
506.2	Paraspruzzi l.o.c.	Deflector N.D.S.
636	Ingrassatore	Grease nipple
703	Tubazione di bilanciamento	Balancing pipe
731.1	Raccordo a gomito	Union elbow
732.2	Raccordo diritto	Union
801	Motore elettrico	Electric motor
861.1	Semigiunto lato pompa	Half coupling pump side
861.2	Semigiunto lato motore	Half coupling motor side
861.3	Elastomero giunto	Coupling elastomer
900.8	Prigioniero con dado	Stud with nut
900.9	Prigioniero con dado	Stud with nut
901.4	Vite T.E.	Hex head screw
901.10	Vite T.E.	Hex head screw
905	Tirante	Tie bolt
921	Ghiera	Impeller nut
932.2	Anello di sicurezza (seeger) albero	Shaft circlip
932.4	Anello di sicurezza (seeger) foro	Hole circlip
940.1	Linguetta girante	Impeller key
940.2	Linguetta giunto	Coupling key



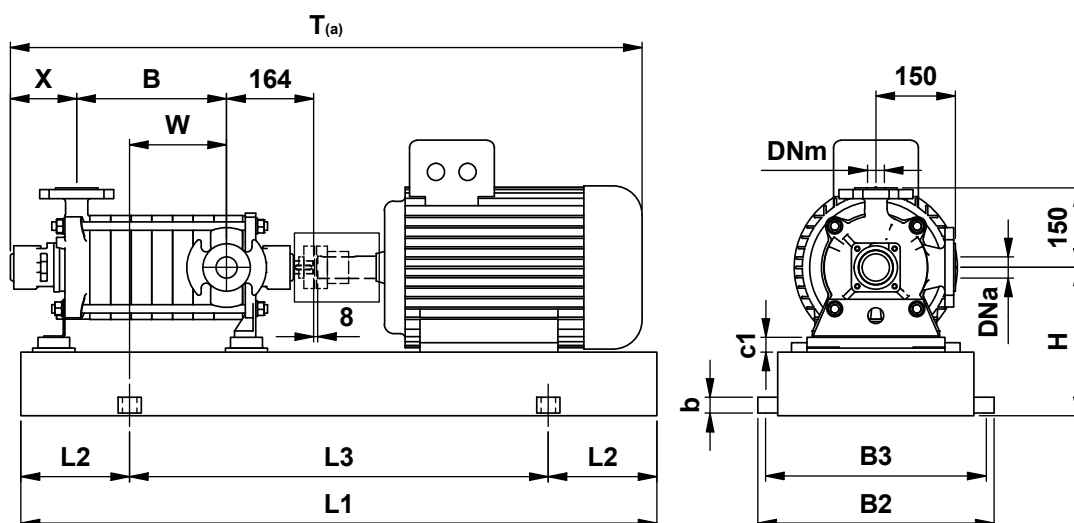
Solo per pompe TSB
Only for TSB pumps



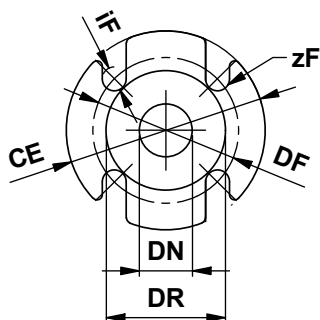
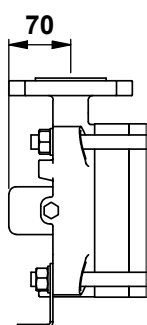
FLANGIA ASP. (PN 16 EN 1092-2) SUCTION FLANGE						FLANGIA PREM. (PN 40 EN 1092-2) DISCHARGE FLANGE					
DNa	CE	CF	DR	zF	iF	DNm	CE	CF	DR	zF	iF
40	150	110	88	4	18	32	140	100	78	4	18

Tipo - Type	DIMENSIONI - DIMENSION [mm]													Peso Weight
	Pompa - Pumps										Albero - Shaft			
	DNa	DNm	A	B	C	D	E	F	G	X	d	t	u	
31 - 4 32 - 4	40	32	236	166	435	283	200	240	240	105	24	27	8	44
31 - 5 32 - 5	40	32	275	205	474	322	200	240	240	105	24	27	8	49
31 - 6 32 - 6	40	32	314	244	513	361	200	240	240	105	24	27	8	54
31 - 7 32 - 7	40	32	353	283	572	400	200	240	240	125	24	27	8	59
31 - 8 32 - 8	40	32	392	322	611	439	200	240	240	125	24	27	8	64
31 - 9 32 - 9	40	32	431	361	650	478	200	240	240	125	24	27	8	69
31 - 10 32 - 10	40	32	470	400	689	517	200	240	240	125	24	27	8	74
31 - 11 32 - 11	40	32	509	439	728	556	200	240	240	125	24	27	8	79

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



Solo per pompe TSB
Only for TSB pumps



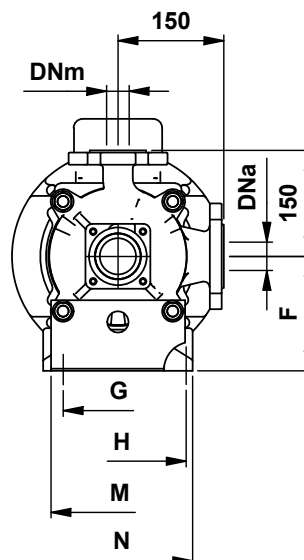
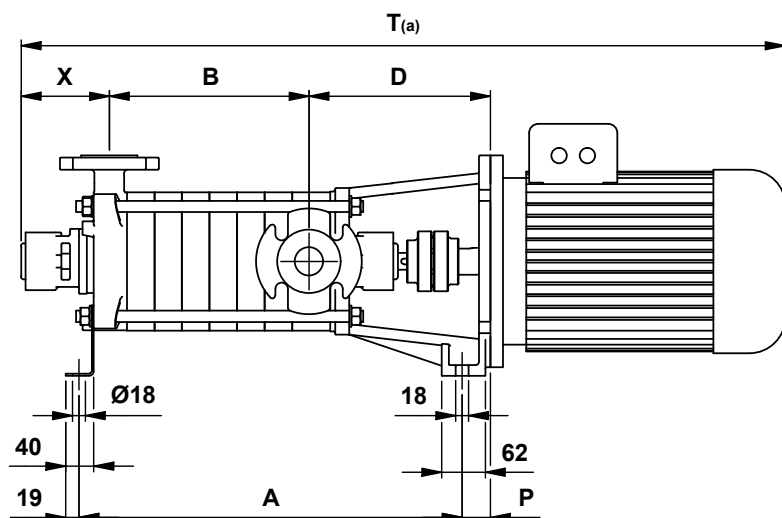
FLANGIA ASP. (PN 16 EN 1092-2) SUCTION FLANGE						FLANGIA PREM. (PN 40 EN 1092-2) DISCHARGE FLANGE					
DNa	CE	CF	DR	zF	iF	DNm	CE	CF	DR	zF	iF
40	150	110	88	4	18	32	140	100	78	4	18

ACCOPIAMENTO 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	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	22
4POLI	GRAND.	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L	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	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	-	-	-	-

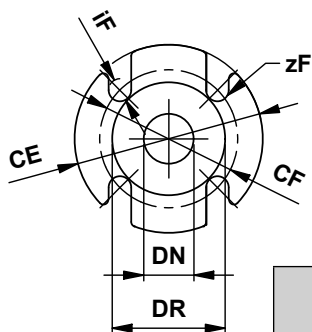
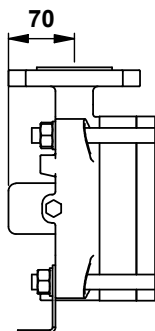
Tipo - Type	Grandezza Motore Motor Size	Base N°	DIMENSIONI - <i>DIMENSION</i> [mm]														Peso <i>Weight</i>	
			Pompa - <i>Pumps</i>							Base							T(a)	Kg
			DNa	DNm	B	H	W	c1	L1	L2	L3	B2	B3	b	d			
31 - 4 / 32 - 4	132M	2	40	32	166	252	96	0	1000	170	660	400	360	30	20	933	146	
31 - 5 / 32 - 5	132S	2	40	32	205	252	135	0	1000	170	660	400	360	30	20	937	140	
	132M															972	151	
31 - 6 / 32 - 6	132S	3	40	32	244	252	144	0	1200	205	790	450	400	30	20	976	156	
	132M					280		28								1011	167	
	160M															1133	244	
	160L															1172	257	
31 - 7 / 32 - 7	132S	3	40	32	283	252	183	0	1200	205	790	450	400	30	20	1035	161	
	132M															1070	172	
31 - 8 / 32 - 8	132S	3	40	32	322	252	222	0	1200	205	790	450	400	30	20	1074	166	
	132M					280		28								1109	178	
	160M															1231	254	
31 - 9 / 32 - 9	132S	3	40	32	361	252	261	0	1200	205	790	450	400	30	20	1113	171	
	132M					280		28								1148	182	
	160M															1270	259	
31 - 10 / 32 - 10	132M	4	40	32	400	252	260	0	1500	245	1010	480	440	30	20	1187	197	
	160M					280		28								1309	275	
	160L															1348	288	
31 - 11 / 32 - 11	132M	4	40	32	439	252	299	0	1500	245	1010	480	440	30	20	1226	202	
	160M					280		28								1348	280	
	160L															1387	293	

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

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



Solo per pompe TSL
Only for TSL pumps



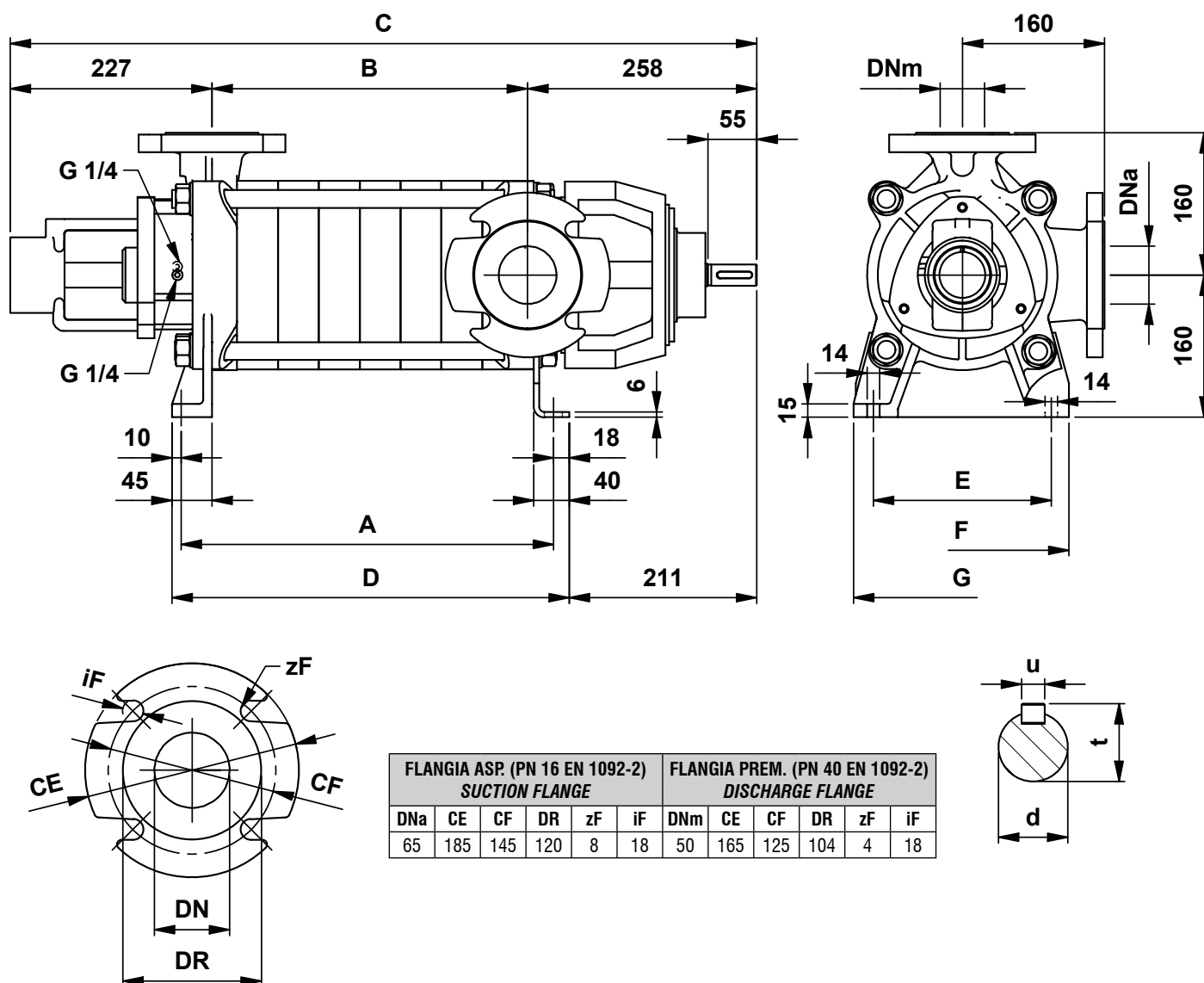
FLANGIA ASP. (PN 16 EN 1092-2) SUCTION FLANGE						FLANGIA PREM. (PN 40 EN 1092-2) DISCHARGE FLANGE					
DNa	CE	CF	DR	zF	iF	DNm	CE	CF	DR	zF	iF
40	150	110	88	4	18	32	140	100	78	4	18

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

Tipo - Type	Grandezza Motore Motor Size	DIMENSIONI - <i>DIMENSION</i> [mm]													(a)Peso Weight Kg
		Pompa - Pumps												T(a)	
		DNa	DNm	A	B	D	F	G	H	M	N	P	X		
31 - 4 / 32 - 4	132M	40	32	426	166	257	162	155	192	190	212	40	105	985	116
31 - 5 / 32 - 5	132S	40	32	465	205	257	162	155	192	190	212	40	105	948	110
31 - 6 / 32 - 6	132S	40	32	504	244	257	162	155	192	190	212	40	105	987	115
32 - 6	132M													1024	126
31 - 7 / 32 - 7	132S	40	32	543	283	257	162	155	192	190	212	40	125	1046	120
	132M													1083	131
32 - 7	160M					1197	216								
31 - 8 / 32 - 8	132S	40	32	582	322	257	162	155	192	190	212	40	125	1085	125
	132M													1122	136
32 - 8	160M					1236	221								
31 - 9 / 32 - 9	132S	40	32	621	361	257	162	155	192	190	212	40	125	1124	130
	132M													1161	141
	160M					1275	226								
31 - 10 / 32 - 10	132M	40	32	660	400	257	162	155	192	190	212	40	125	1200	146
	160M													1314	231
	160L					1353	244								
31 - 11 / 32 - 11	132M	40	32	699	439	257	162	155	192	190	212	40	125	1239	151
	160M					287	202	232	268	270	294	70		1353	236
	160L					287	202	232	268	270	294	70		1392	249

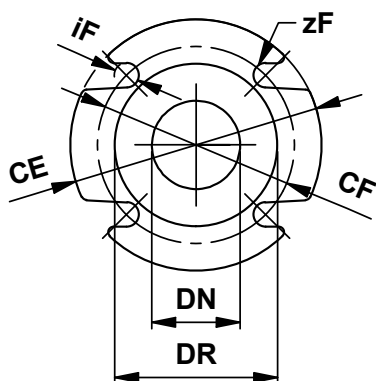
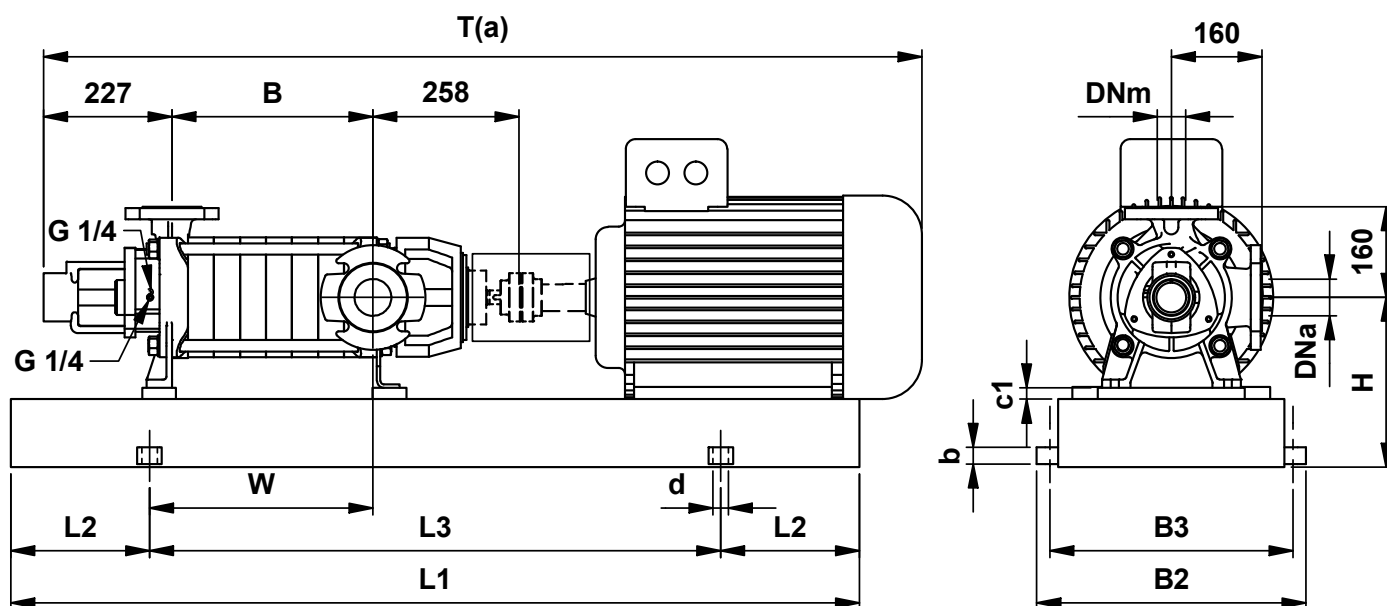
Quote e pesi suscettibili di variazione
Dimensions and weights are subject to variations

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



Tipo - Type	DIMENSIONI - DIMENSION [mm]												Peso Weight
	Pompa - Pumps									Albero - Shaft			
	DNa	DNm	A	B	C	D	E	F	G	d	t	u	Kg
40 - 4 50 - 4	65	50	281	217	702	309	200	240	245	24	27	8	72
40 - 5 50 - 5	65	50	327	263	748	355	200	240	245	24	27	8	79
40 - 6 50 - 6	65	50	373	309	794	401	200	240	245	24	27	8	85
40 - 7 50 - 7	65	50	419	355	840	447	200	240	245	24	27	8	92
40 - 8 50 - 8	65	50	465	401	886	493	200	240	245	24	27	8	98
40 - 9 50 - 9	65	50	511	447	932	539	200	240	245	24	27	8	105
40 - 10 50 - 10	65	50	557	493	978	585	200	240	245	24	27	8	111

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



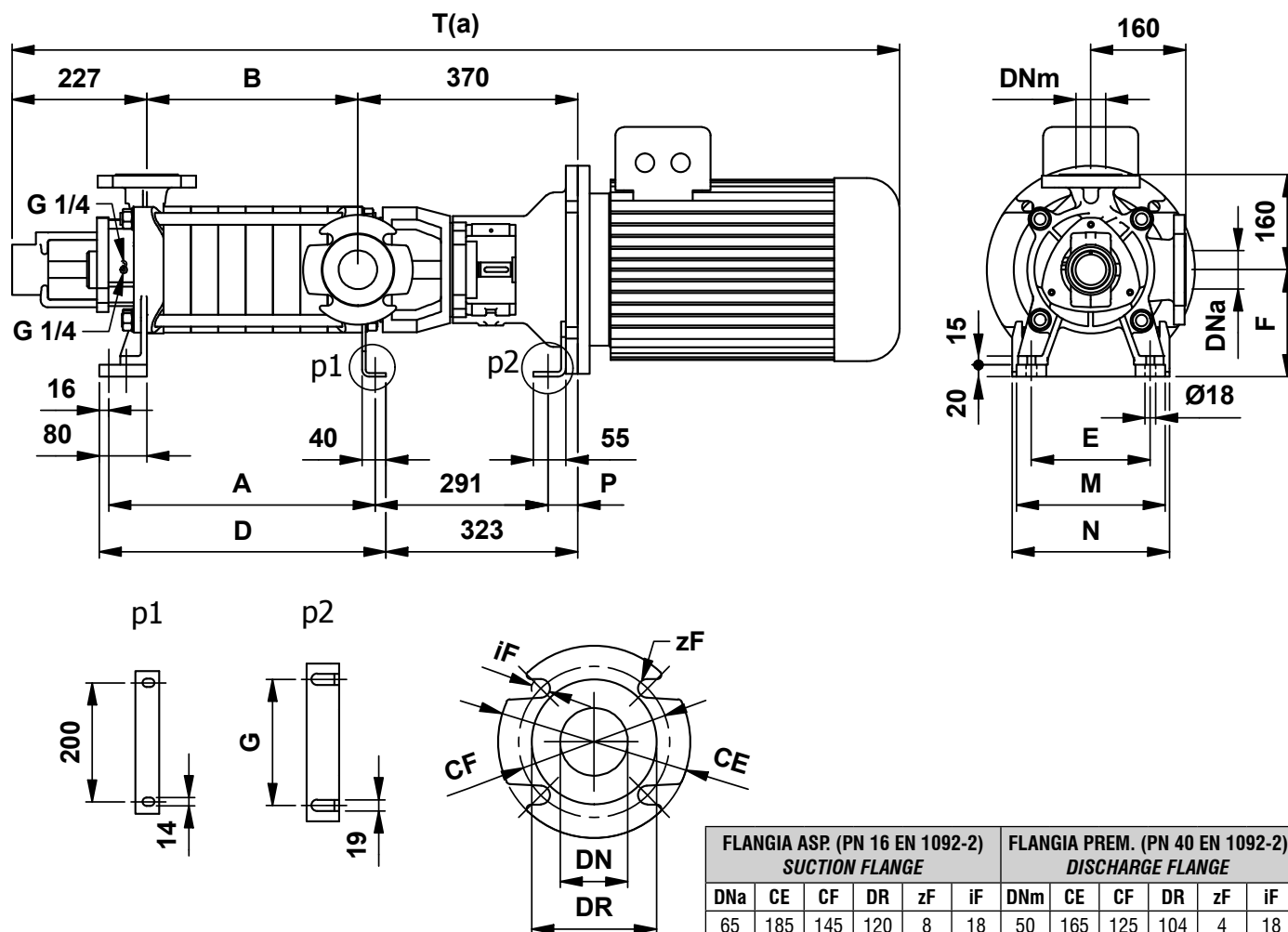
FLANGIA ASP. (PN 16 EN 1092-2) SUCTION FLANGE						FLANGIA PREM. (PN 40 EN 1092-2) DISCHARGE FLANGE					
DNa	CE	CF	DR	zF	iF	DNm	CE	CF	DR	zF	iF
65	185	145	120	8	18	50	165	125	104	4	18

ACCOPIAMENTO 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	-	-	-

Tipo - Type	Grandezza Motore Motor Size	Base N°	DIMENSIONI - <i>DIMENSION</i> [mm]														Peso <i>Weight</i> Kg(a)	
			Pompa - Pumps						Base									T(a)
			DNa	DNm	B	H	W	c1	L1	L2	L3	B2	B3	b	d			
40 - 4 / 50 - 4	160M	3	65	50	217	280	205	0	1200	205	790	450	400	30	20	1322	262	
	160L															1361	275	
40 - 5 / 50 - 5	160M	3	65	50	263	280	205	0	1200	205	790	450	400	30	20	1368	269	
	160L															1407	282	
	180M	4				300	395	20	1500	245	1010	480	440	30	20	1421	337	
40 - 6 / 50 - 6	160M	3	65	50	309	280	205	0	1200	205	790	450	400	30	20	1414	276	
	160L															1453	289	
	180M	4				300	395	20	1500	245	1010	480	440			1467	344	
	200L															1540	420	
40 - 7 / 50 - 7	160M	3	65	50	355	280	205	0	1200	205	790	450	400	30	20	1460	283	
	160L															1499	296	
	180M	4				300	395	20	1500	245	1010	480	440			1513	351	
	200L															1586	427	
40 - 8 / 50 - 8	200L	4	65	50	401	320	395	40	1500	245	1010	480	440	30	20	1632	434	
40 - 9 / 50 - 9	200L	4	65	50	447	320	395	40	1500	245	1010	480	440	30	20	1678	441	
	225M	6				365		65	1300	215	870	510	460	12	24	1758	500	
40 - 10 / 50 - 10	200L	4	65	50	493	320	395	40	1500	245	1010	480	440	30	20	1724	448	
	225M	6				365		65	1300	215	870	510	460	12	24	1804	507	

Quote e pesi suscettibili di variazione
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^(a) Quota indicativa può variare in funzione della marca del motore
Not binding dimension that can change according to motor brand

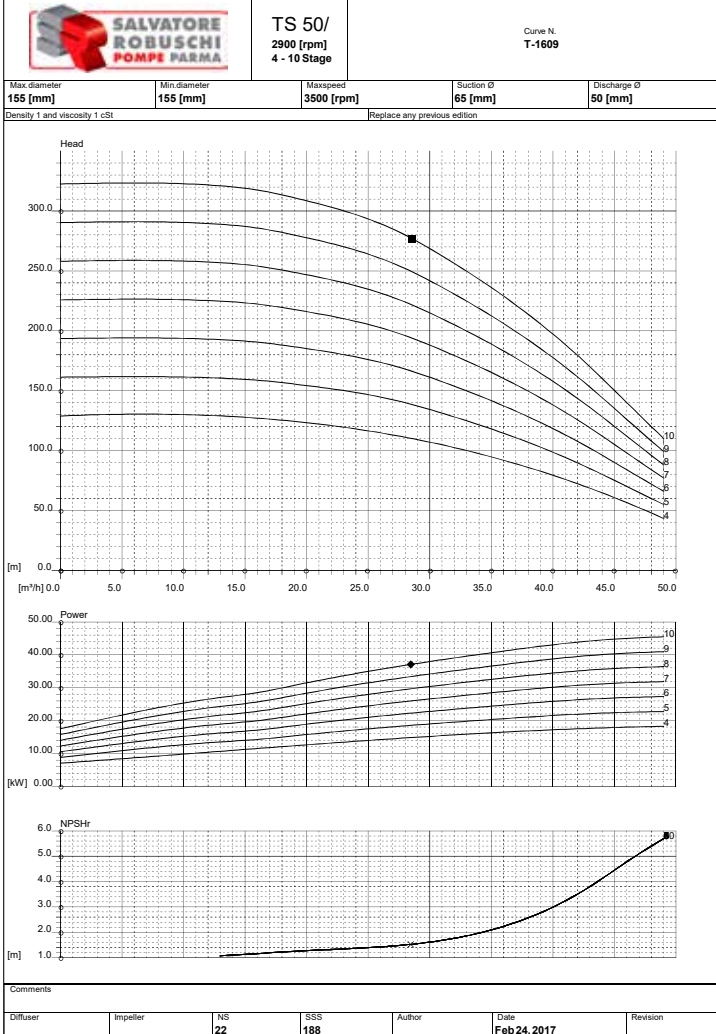
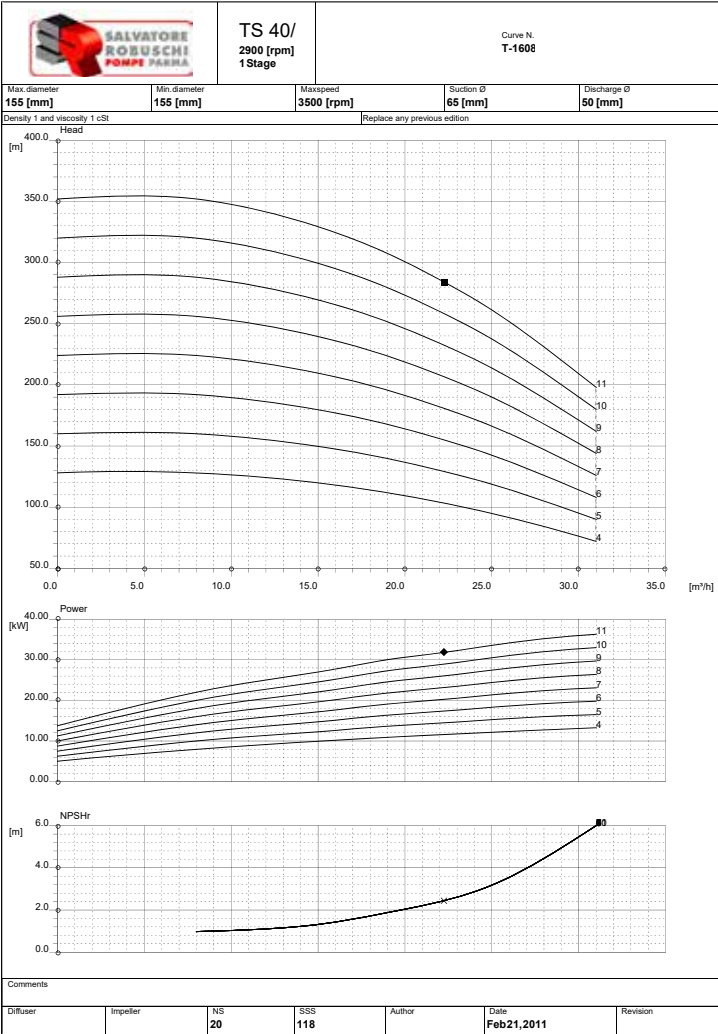
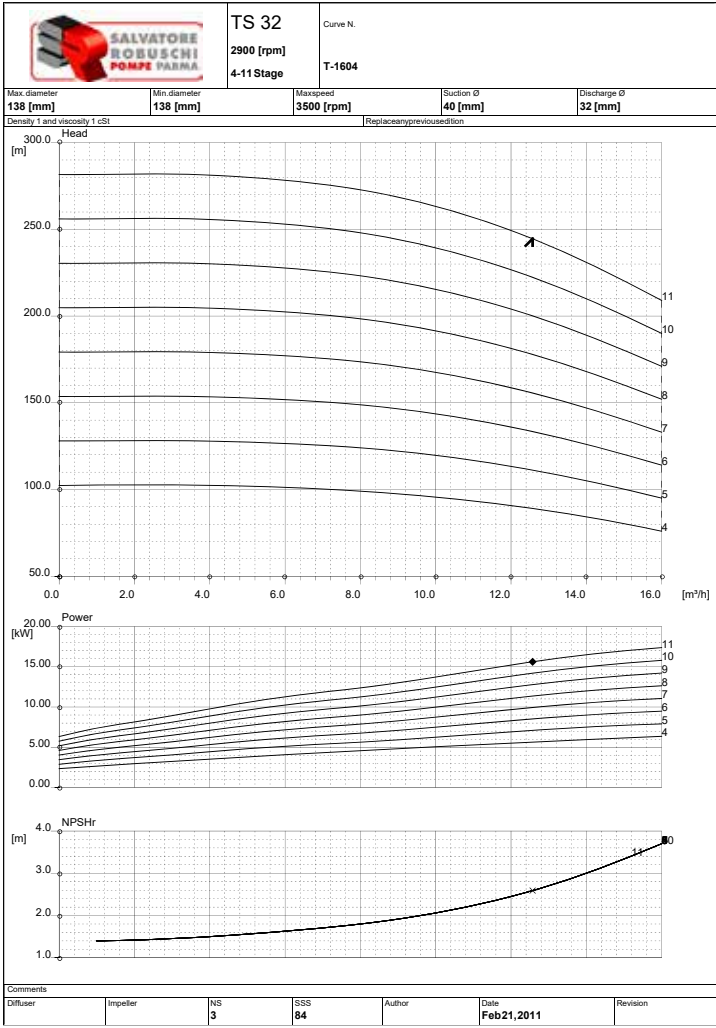
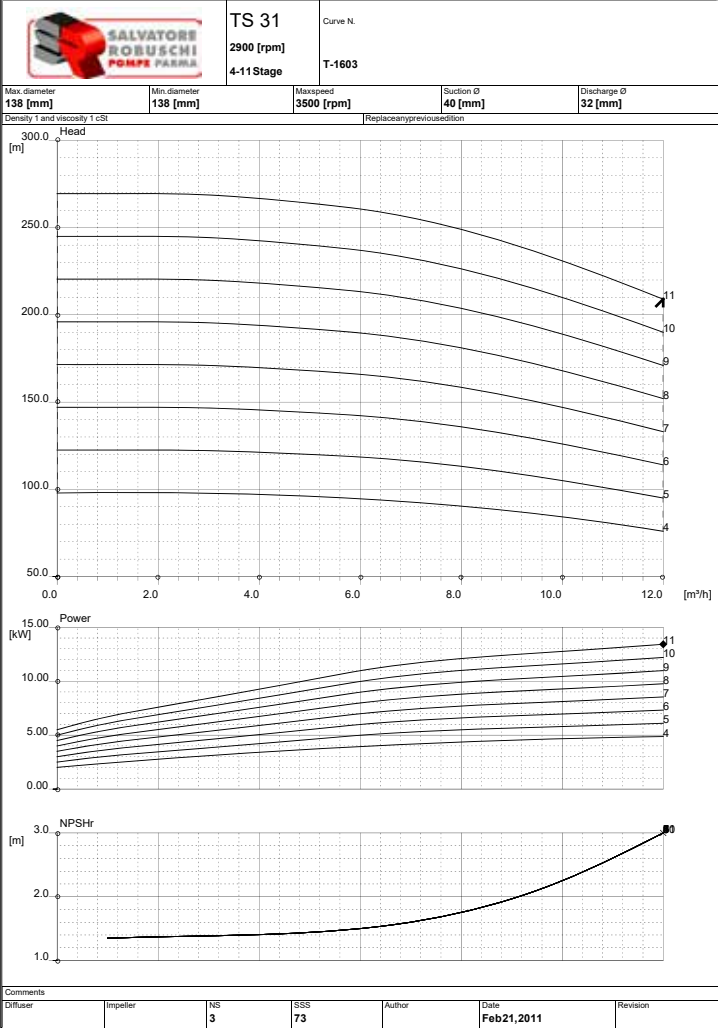


ACCOPIAMENTO POTENZA - POLARITÀ / GRANDEZZA MOTORE POWER - POLARITY / MOTOR SIZE COUPLING															
2POLI	GRAND.	71	80	80	90S	90L	100L	112M	132S	132M	132M	160M	160M	160L	180M
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22
4POLI	GRAND.	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L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

Tipo - Type	Grandezza Motore Motor Size	DIMENSIONI - DIMENSION [mm]											T(a)	(a)Peso Weight
		Pompa - Pumps												Kg
		DNa	DNm	A	B	D	E	F	G	M	N	P		
40 - 4 / 50 - 4	160M	65	50	310	217	344	200	180	212	250	265	50	1316	226
	160L												1355	239
40 - 5 / 50 - 5	160M	65	50	356	263	390	200	180	212	250	265	50	1362	233
	160L												1401	246
	180M												1415	291
40 - 6 / 50 - 6	160L	65	50	402	309	436	200	180	212	250	265	50	1447	253
	180M												1461	298
40 - 7 / 50 - 7	160M	65	50	448	355	482	200	180	212	250	265	50	1454	247
	160L												1493	260
	180M												1507	305
40-8	160L	65	50	494	401	528	200	180	212	250	265	50	1539	267
	180M												1553	312

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

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



Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Россия +7(495)268-04-70

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Казахстан +7(7172)727-132

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Киргизия +996(312)96-26-47

Ростов-на-Дону (863)308-18-15
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