

The logo consists of the word "FLYGT" in a bold, sans-serif font, enclosed within a stylized arrow shape pointing to the right.

Parts List

3102

Detaljlista
Ersatzteilliste
Liste des Pièces de Rechange
Lista de Piezas de Repuesto
Lista Parti di Ricambio


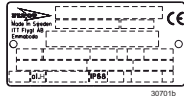

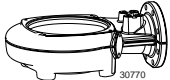
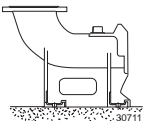









892338/08


Flygt



ITT Industries

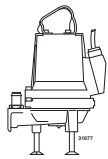
	Content Innehåll Inhalt	Table des matières Contenidos Indice	3102
3102.090: 3102.170: 3102.180: 3102.890: 3102.980:	EEx d IIB T4, FM: Class I Div.1, Grp. C and D Class II Div. 1, Grp. E, F and G. Suitable for use in Class III Div.1 ATEX Directive EN 1127-1 Grinder, Standard version Standard version Grinder, EEx d IIB T4, FM: Class I Div.1, Grp. C and D Class II Div. 1, Grp. E, F and G. Suitable for use in Class III Div.1 ATEX Directive EN 1127-1 Industrial version		
Data plates Dataskyltar Datenschilder Motor parts Motordetaljer Motorteile Pump parts Pumpdetaljer Pumpenteile Sump components Pumpgropsdetaljer Schachteinbauteile	 30715  30718  30770  30711	Plagues signalétiques Placas de características Targhette segnaletiche 6 Pièces du moteur Piezas del motor Parti motore 23-40 Pièces de la pompe Piezas para bombas Parti pompa 41-46 Equipement du puisad Equipo para pozo negro Componenti del pozzetto 47-58	page sida Seite pagina
Exploded views with item Nos. Sprängteckningar med pos. nr. Explosionszeichnungen mit Pos. - Nr. Motor parts Hydraulic Parts Sump Components Recommended Spare Parts Parts for Service Open order quantity	     * * * *	Vues éclatées de la pompe avec N°s de repérage Despieces numeros de pos. Disegno esploso con No di posizione. 9-13 14-19 20-22 59-62 63-64	

	Sales codes Säljkoder Verkaufscode	Codes de vente Código de ventas Codici di vendita	3102
N P 3102.180 MT			
			
<p>HYDRAULIC PART HYDRAULDEL HYDRAULIKTEILE PARTE HYDRAULIQUE PARTE HIDRÁULICAS PARTI IDRAULICHE</p>	<p>INSTALLATION INSTALLATION AUFSTELLUNGSART INSTALLATION INSTALACIÓN INSTALLAZIONE</p>	<p>HEAD TRYCK DRUCK PRESSION PRESIÓN PREVALENZA</p>	
<p>HYDRAULIC PART HYDRAULDEL HYDRAULIKTEILE</p>	<p>PARTE HYDRAULIQUE PARTE HIDRÁULICAS PARTI IDRAULICHE</p>		
<p>C= Channel impeller Kanalhjul Kanalrad Curve Nos; 410-412, 440-442, 430, 432-435, 252, 254.</p>	<p>Roue a canal/aux. Impulsor de canal</p>		
<p>D= Swirl-type impeller version Virvelhjulsutförande Wirbelradausführung Curve Nos; 470-472, 276, 278.</p>	<p>Version roue vortex Versión de impulsor de torbellino</p>		
<p>F= For pumping liquid manure Pumphjul med skäranordning Für Gülleförderung Curve Nos; 490-494</p>	<p>Pour pompage de lisier Versión para purines</p>		
<p>L= Channel impeller Kanalhjul Kanalrad Curve Nos; 410-412, 420-423.</p>	<p>Roue a canal/aux. Impulsor de canal</p>		
<p>M= Impeller with cutter wheel Skärhjul för tuggerpump Lauftrad mit Schneidvorrichtung Curve Nos; 210, 212, 216, 261-263, 267</p>	<p>Roue de coupe Rueda de corte</p>		
<p>N= Semi-open self-cleaning multi-vane impeller and volute with cleaning groove for pumping of raw sewage, sludge and liquid manure.</p> <p>Halvöppet självrensande flerkanalhjul och pumphus med rensspår för pumpning av orenat avloppsvatten, avloppsslam och flytgödsel.</p> <p>Offenes, selbstreinigendes Mehrkanalrad im Pumpengehäuse mit Entlastungsnut für kommunales und industrielles Abwasser mit hohem Faser- und Feststoffanteil. Curve Nos; 410-412, 420-423.</p>	<p>Roue à multi-canaux semi-ouverte et auto-nettoyante complétée par une volute incluant une rainure déchargeante brevetée. Recommandé pour le pompage de tous types de liquides allant de l'eau propre à ceux contenant une haute concentration de solides, tels qu'eaux d'égouts, boues, liquides fibreux et lisier.</p> <p>Impulsor semi-abierto auto limpiante de dos canales y difusor con ranura limpiante para bombeo de agua residual bruta, lodos y purines líquidos.</p> <p>Girante aperta bicanale autopulente, per fanghi edl acque di scarico contenenti materiali fibrosi e solidi.</p>		

	Sales codes Säljkoder Verkaufscodes	Codes de vente Código de ventas Codici di vendita	3102
	<p>INSTALLATION INSTALLATION AUFSTELLUNGSART</p> <p>P = Semi permanent wet well arrangement with pump installed on twin guide bars with automatic connection to discharge.</p> <p>Halvstationär våt installation med pumpen fäst vid två gejdörar och med automatisk anslutning till utloppsrioret.</p> <p>Stationär, nass mit schraubenlosem Kupplungssystem an Doppelführungsrohr.</p> <p>S = Transportable version with hose coupling or flange for connection to discharge pipeline.</p> <p>Flyttbar version med slangkoppling eller fläns för anslutning till utloppsriordledning.</p> <p>Transportabel, nass mit Flanschschluss für Rohrleitung oder mit Druckstutzen für Schlauchanschluss.</p> <p>T = Permanent dry well or in-line arrangement with flange connection to suction and discharge pipework; vertical mounting.</p> <p>Stationär torr installation med flänsanslutningar till sug- och tryckledningarna; vertikal uppställning.</p> <p>Stationär, trocken mit Saugrohreinheit, saug- und druckseitig fest verschraubt, vertikale Aufstellung.</p> <p>Z = Permanent dry well or in-line arrangement with flange connection to suction and discharge pipe-work; horizontal mounting.</p> <p>Stationär torr installation med flänsanslutningar till sug- och tryckledningarna; horisontell uppställning.</p> <p>Stationär, trocken mit Saugrohreinheit, saug- und druckseitig fest verschraubt, horizontale Aufstellung.</p>	<p>INSTALLATION INSTALACIÓN INSTALLAZIONE</p> <p>Permanente, installation immergée. Deux barres de guidage permettent la connexion automatique sur un pied d'assise.</p> <p>Instalación fija extraíble, sumergida y con tubos guía. Acoplamiento por su propio peso a la conexión dedescarga.</p> <p>Installazione semifissa in immersione, con piede di accoppiamento automatico e tubi guida.</p> <p>Version transportable avec raccord de tuyau souple ou bride pour canalisation rigide.</p> <p>Instalación transportable, con salida para manguera y colador.</p> <p>Installazione trasportabile, in immersione, con cavalletto di sostegno e attacco per tubo di mandata flessibile o rigido.</p> <p>Permanente, installation hors d'eau avec raccordement à bride à l'aspiration et au refoulement. Version verticale.</p> <p>Instalación fija, en cámara seca, sobre punto de apoyo. Aspirando de pozo húmedo con codo de aspiración. Montaje vertical.</p> <p>Installazione fissa in camera asciutta su basamento e collegamento diretto con le tubazioni di aspirazione e mandata; montaggio verticale.</p> <p>Permanente, installation hors d'eau avec raccordement à bride à l'asiration et au refoulement. Version horizontale.</p> <p>Instalación fija en cámara seca sobre bastidor de perfiles. Montaje horizontal.</p> <p>Installazione fissa in camera asciutta su basamento e collegamento diretto con le tubazioni di aspirazione e mandata; montaggio orrizzontale.</p>	

INSTALLATION
INSTALLATION
AUFSTELLUNGSART

INSTALLATION
INSTALACIÓN
INSTALLAZIONE



F = Free standing pump on legs with vertical discharge outlet.

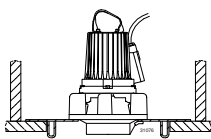
Transportabel pump på ben, med vertikalt tryckanslutning.

Freistehende Pumpe auf Beinen mit vertikalem Druckleitungsanschluss.

Installation indépendante sur pieds, avec orifice de refoulement vertical.

Unidad transportable sobre patas con salida de descarga vertical.

Pompa per installazione mobile con piedini di appoggio e mandata verticale.



L = Lift pump version

Lyftpumpsutförande

Hebepumpeausführung

Modèle pompe de levage

Versión de bomba elevable

Pompa di sollevamento

HEAD
TRYCK
DRUCK

PRESSION
PRESIÓN
PREVALENZA

LT = Low-head version

Lågtrycksförande

Niederdruckausführung

Modèle basse pression

Modelo de baja altura de elevación

Versione per grande portata

MT = Medium-head version

Medeltrycksförande

Mitteldruckausführung

Modèle moyenne pression

Modelo de altura media de elevación

Versione per media prevalenza

HT = High-head version

Högtrycksförande

Hochdruckausführung

Modèle haute pression

Modelo de gran altura de elevación

Versione per alta prevalenza



How to read the data plate

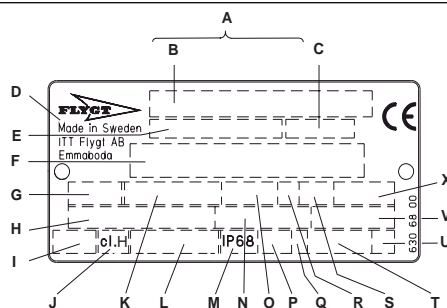
Hur man läser dataskylten

Erläuterungen zum Datenschild

Comment lire la plaque signalétique

Interpretación de la placa de características

Come leggere la targhetta segnaletica



Data plate interpretation

- A Serial number
- B Product code + Number
- C Curve code / Propeller code
- D Country of origin
- E Product number
- F Additional information
- G Phase; Type of current; Frequency
- H Rated voltage
- I Thermal protection
- J Thermal class
- K Rated shaft power
- L International standard
- M Degree of protection
- N Rated current
- O Rated speed
- P Max. submergence
- Q Direction of rotation: L=left, R=right
- R Duty class
- S Duty factor
- T Product weight
- U Locked rotor code letter
- V Power factor
- X Max. ambient temperature

Légende de la plaque signalétique A

- N° de série
- B Code de produit + N°
- C N° de courbe / Code d'hélice
- D Pays de fabrication
- E N° de produit
- F Informations complémentaires
- G Phases; Type de courant; Fréquence
- H Tension nominale
- I Protection thermique
- J Classe d'isolation
- K Puissance nominale sur l'arbre
- L Norme internationale
- M Classe de protection
- N Intensité nominale
- O Vitesse de rotation
- P Profondeur d'immersion maxi
- Q Sens de rotation: L=gauche, R=droite
- R Classe de fonctionnement
- S Facteur de marche
- T Poids de produit
- U Code alphabétique rotor verrouillé
- V Facteur de puissance
- X Température ambiante maxi

Dataskylt inskription

- A Serienummer
- B Produktkod + Nummer
- C Kurv- / Propellerkod
- D Tillverkningsland
- E Produktnummer
- F Kompletterande uppgifter
- G Fastal; Strömart; Frekvens
- H Märkspänning
- I Termoskydd
- J Isolationsklass
- K Märkeffekt
- L Internationell standard
- M Skyddsklass
- N Märkström
- O Varvtal
- P Max. nedsänkingsdjup
- Q Rotationsriktning: L=vänster, R=höger
- R Driftklass
- S Driffaktor
- T Produktvikt
- U Kodbokstav för låst rotor
- V Effektfaktor
- X Max. omgivningstemperatur

Inscripción de la placa


- A N° fabricación
- B Código de producto + N°
- C N° curva / Código de hélice
- D País de origen
- E N° producto
- F Información adicional
- G N° fases; Clase de corriente; Frecuencia
- H Tensión nominal
- I Protección térmica
- J Clase de aislamiento
- K Potencia de eje nominal
- L Norma internacional
- M Clase de protección
- N Intensidad de corriente nominal
- O Velocidad rotación nominal
- P Profundidad inmersión máx.
- Q Sentido de rotación: L=izq, R=dcha
- R Clase de funcionamiento
- S Factor de funcionamiento
- T Peso del producto
- U Letra de código de rotor bloqueado
- V Factor de potencia
- X Temperatura ambiente máx.

Erläuterungen zum Datenschild

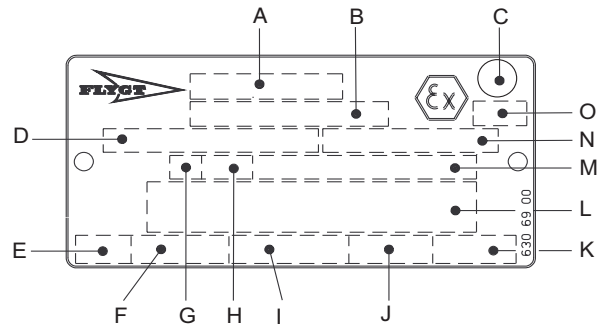
- A Serien-Nr
- B Produktcode + Kennnummer
- C Kurven-Nr / Propellercode
- D Herstellungsland
- E Produkt-Nr
- F Komplettierende Angaben
- G Phasenzahl; Stromart; Frequenz
- H Nennspannung
- I Thermischer Schütz
- J Isolationsklasse
- K Nennwellenleistung
- L Internationale Norm
- M Schutzart
- N Nennstrom
- O Nenndrehzahl
- P Max. Eintauchtiefe
- Q Drehrichtung: L=links, R=rechts
- R Betriebsklasse
- S Relative Einschaltdauer
- T Produktgewicht
- U Kodebuchstabe für blockierten Läufer
- V Leistungsfaktor
- X Max. Umgebungstemperatur

Descrizione targhetta segnaletica

- A No. di matricola
- B Codice prodotto + Numero
- C No. curva / Codice elica
- D Paese di produzione
- E No. di prodotto
- F Ulteriori informazioni
- G No. di fase; Tipo di corrente; Frequenza
- H Tensione nominale di alimentazione
- I Protezione termica
- J Classe di isolamento
- K Potenza resa nominale
- L Standard internazionale
- M Classe di protezione
- N Assorbimento nominale
- O Velocità di rotazione nominale
- P Max profondità d'immersione
- Q Senso di rotazione: L=sinistra, R=destra
- R Classe di servizio
- S Fattore di utilizzazione
- T Peso del prodotto
- U Lettera codice per rotore chiuso
- V Fattore di potenza
- X Max temperatura ambiente

	Approval plate Godkännandeskylt Prüfschild	Plaque d'agrément Placa de aprobación Targhetta di approvazione	3102
---	---	--	-------------

EN: European Norm
ATEX Directive
European standards EN 50014, EN 50018 and EN 1127-1
EEx d II B T4 for ambient temperatures ≤ 40°C
EEx d I for ambient temperatures ≤ 40°C



Approval plate

- A Approval
- B Approval authority + Approval Number
- C Approval for Class I
- D Approved drive unit
- E Stall time
- F Starting current / Rated current
- G Duty class
- H Duty factor
- I Input power
- J Rated speed
- K Controller
- L Additional information
- M Max. ambient temperature
- N Serial number
- O ATEX marking

Godkännandeskylt

- A Godkännande
- B Provningsmynd. + Godkännandennummer
- C Godkännande för Klass I
- D Godkänd drivenhet
- E Fastbromsningstid
- F Startström / Märkström
- G Driftklass
- H Driftfaktor
- I Inmatad effekt
- J Varvtal
- K Kontrollant
- L Kompletterande uppgifter
- M Max. omgivningstemperatur
- N Serienummer
- O ATEX märkning

Zulassungsschild

- A Zulassung
- B Zulassungsstelle + Zulassungs-Nr
- C Zulassung für Klasse I
- D Zugelassener Antrieb
- E Abreißzeit
- F Anlaufstrom / Nennstrom
- G Betriebsklasse
- H Relative Einschaltdauer
- I Aufgenommene Leistung
- J Nenndrehzahl
- K Kontrollstelle
- L Komplettierende Angaben
- M Max. Umgebungstemperatur
- N Serienummer
- O ATEX Markierung

Plaque d'agrément

- A Agrément
- B Organisme ayant délivré l'agrément + N° d'agrément
- C Agrément pour classe I
- D Agrément moteur
- E Temps de réaction des thermosondes
- F Intensité au démarrage / Intensité nominale
- G Classe de fonctionnement
- H Facteur de marche
- I Puissance absorbée
- J Vitesse de rotation
- K Contrôleur
- L Informations complémentaires
- M Température ambiante maxi
- N N° de série
- O Marque d'ATEX

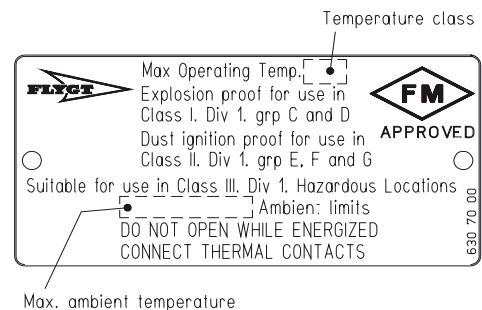
Placa de aprobación


- A Aprobación
- B Autoridad homologadora + N° aprobación
- C Aprobación para clase I
- D Unidad de accionamiento aprobada
- E Tiempo de parada
- F Intensidad de corriente arranque/ Intensidad de corriente nominal
- G Clase de funcionamiento
- H Factor de funcionamiento
- I Potencia consumida
- J Velocidad rotación nominal
- K Controlador
- L Información adicional
- M Temperatura ambiente máx.
- N N° fabricación
- O Marca ATEX

Targhetta approvazione

- A Approvazione
- B Autorità di approvazione + No. di approvazione
- C Classe di approvazione I
- D Motore approvato
- E Tempo di arresto
- F Corrente di spunto / Assorbimento nominale
- G Classe di servizio
- H Fattore di utilizzazione
- I Potenza assorbita
- J Velocità di rotazione nominale
- K Controllo
- L Ulteriori informazioni
- M Max temperatura ambiente
- N No. di matricola
- O ATEX marcatura

FM: Factory Mutual according to standard 3615 as:
Class I Div. I Grp C and D
Class II Div. I Grp E, F and G
Temperature class: T4C for ambient temperatures ≤ 40°C



	Ordering spare parts Commande des pièces de rechange Reservdelsbeställning Pedidos de piezas de recambio Ersatzteilbestellung Ordinazione parti di ricambio	3102
---	---	-------------

Ordering spare parts

State serial number of the pump, spare part number and quantity when ordering. Genuine Flygt parts must always be used for repairs if the pump is to fulfill requirements and obtain official approval. Only Flygt or Flygt-authorized service personnel may undertake repair work on specially approved pumps.

Reservdelsbeställning

Ange pumpens serienummer, reservdelsnummer och antal vid beställning. Om pumpen skall uppfylla kraven och uppnå officiellt godkännande, måste alltid Flygt-original reservdelar användas vid service. Endast Flygt eller Flygt- auktoriserad servicepersonal får utföra servicearbete på speciellt godkända pumpar.

Ersatzteilbestellung

Bei Bestellung bitte die Fabrikations-Nr, Ersatzteil-Nr und Anzahl der Pumpen angeben. Wenn die Pumpe den Erfordernissen entsprechen und offizielle Zulassung erhalten soll, müssen immer Original-Flygt-Teile für Reparaturen verwendet werden. Nur Flygt oder Flygt- autorisiertes Wartungspersonal darf Wartung an speziell zugelassenen Pumpen ausführen.

Commander pièces détachées

Préciser à la commande le numéro de série de la pompe, les références des pièces détachées et les quantités. Pour que le produit demeure conforme à la réglementation et aux différents agréments, il est indispensable d'utiliser uniquement des pièces détachées Flygt. La réparation de produits possédant un agrément spécial ne doit être effectuée que par un technicien Flygt ou un atelier agréé par Flygt.

Orden de Repuestos

Establecer el número de serie de la bomba, numeros de cada parte de repuesto y cantidad ordenada. En caso de reparaciones, deben ser usadas partes genuinas Flygt para conservar la garantía. Solo personal autorizado de Flygt debe efectuar reparaciones para mantener la garantía del equipo.

Ordine parti di ricambio

Quando ordinate le parti di ricambio, citate sempre la matricola della pompa, il codice e la quantità della parte di ricambio. Utilizzate solo parti di ricambio originali Flygt se volete che la pompa mantenga i requisiti richiesti per l'omologazione ufficiale. Qualsiasi riparazione su pompe antideflagranti dovrà essere effettuato da tecnici autorizzati dalla Flygt; in caso contrario Flygt declina ogni responsabilità.

**Guarantee
Garanti**

**Garantie
Garantie**

**Garanzia
Garantía**

Warranty Claim

Flygt pumps are high quality products with expected reliable operation and long life. However, should the need arise for a warranty claim, please contact your Flygt representative.

Garantie

Les pompes Flygt sont des produits de haute qualité, conçus pour fonctionner en toute fiabilité pendant de longues années. Toutefois, en cas de réclamation éventuelle sous le couvert de la garantie, veuillez contacter l'agence Flygt.

Garantianspråk

Flygt tillverkar pumpar av hög kvalitet som fungerar pålitligt och har lång livslängd. Skulle emellertid ett garantianspråk bli aktuellt, kontakta närmaste Flygt-representant för information.

Condizioni di garanzia

Le elettropompe ITT Flygt sono prodotti di qualità per i quali è prevista una durata di esercizio lunga e affidabile. Qualora fosse necessario presentare reclamo durante il periodo di garanzia, contattare il rappresentante ITT Flygt più vicino.

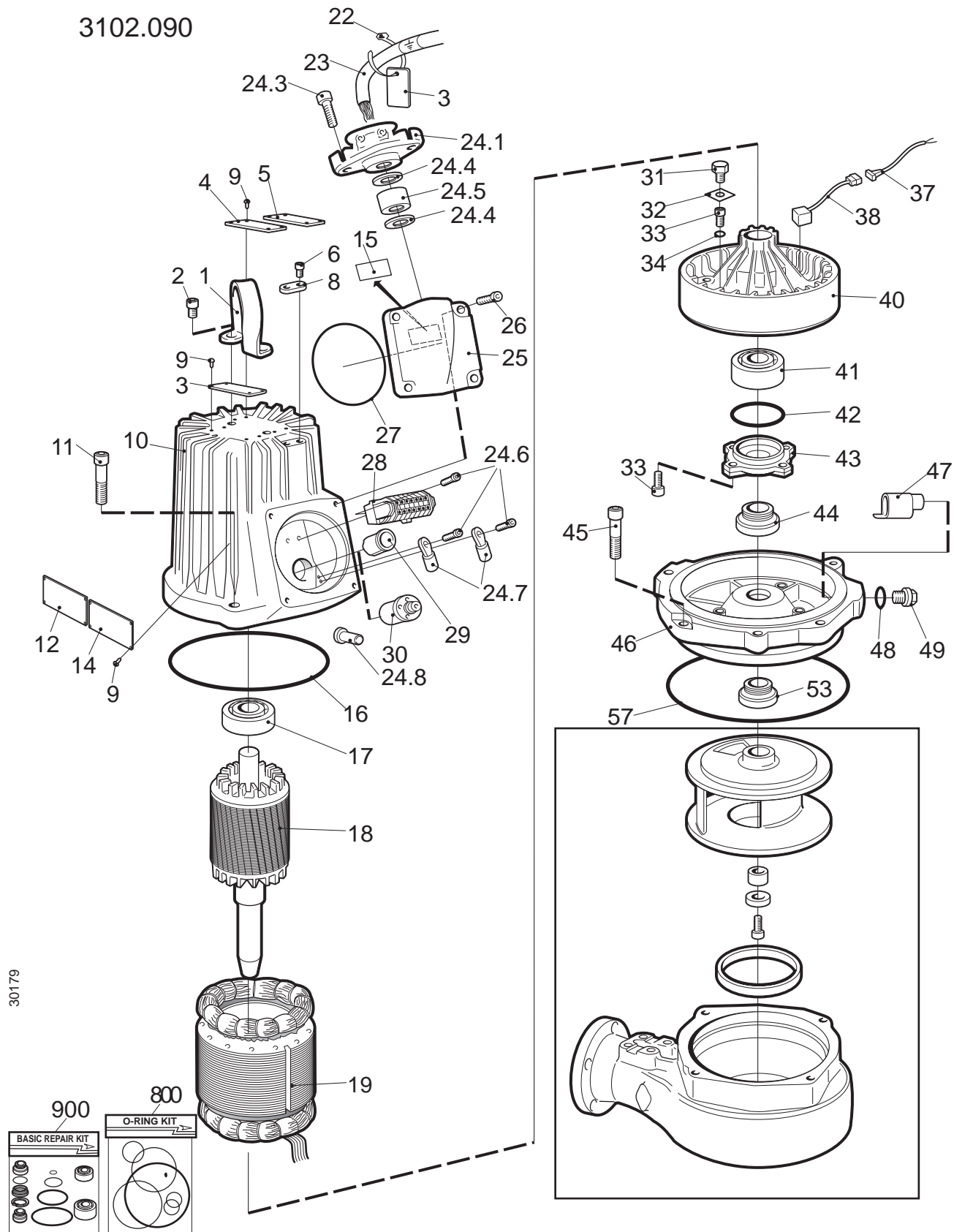
Gewährleistung

Flygt-Pumpen sind hochwertige Produkte, die für zuverlässigen Betrieb und lange Lebensdauer gebaut sind. Falls wider Erwarten dennoch Gewährleistungsanspruch auftreten sollte, wenden Sie sich bitte an Ihre Flygt-Vertretung.

Reclamaciones por garantía

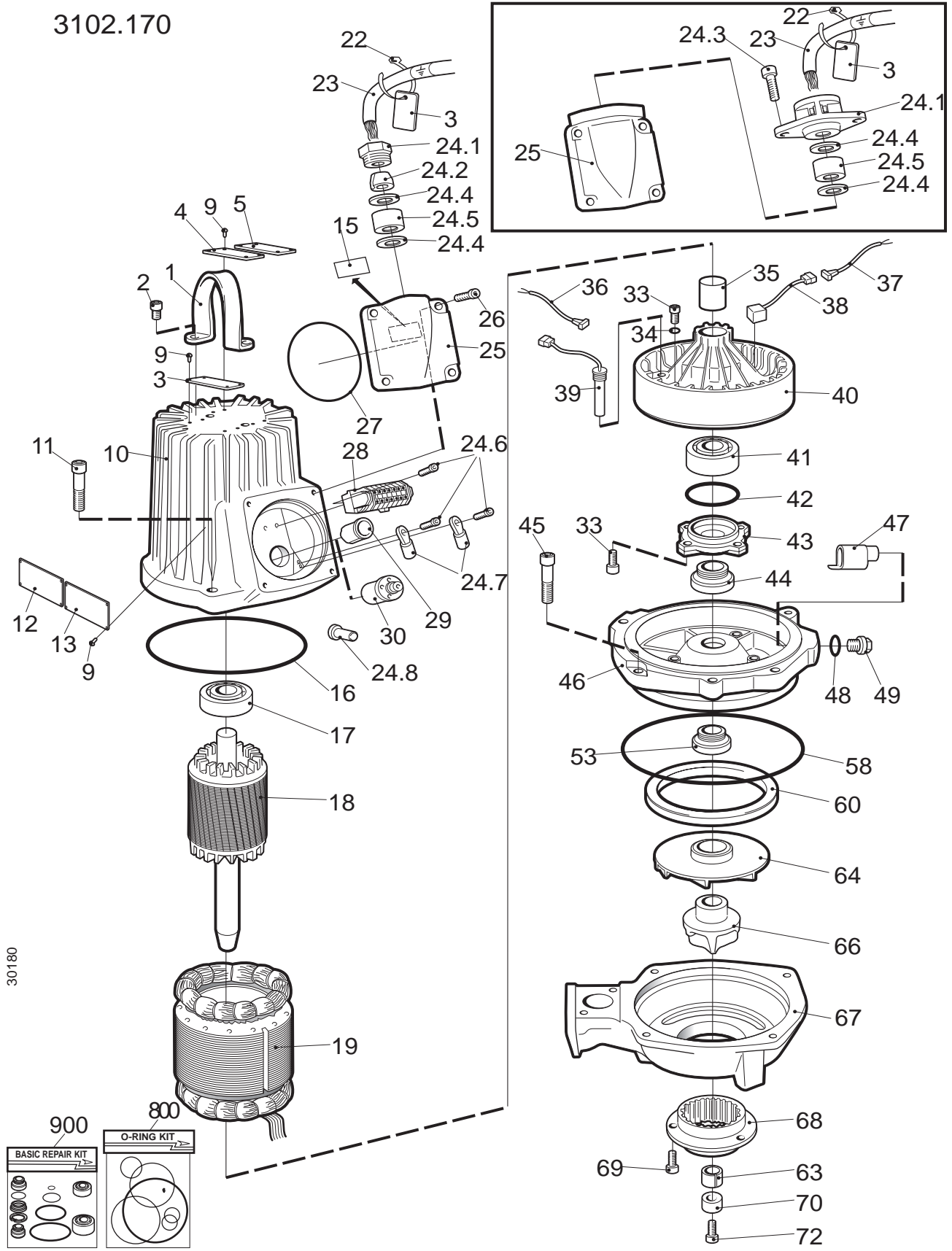
Las bombas Flygt son productos de alta calidad con un funcionamiento fiable y larga vida de servicio. Sin embargo, si hubiera motivos de reclamación por garantía, ponerse en contacto con el representante de Flygt más cercano.

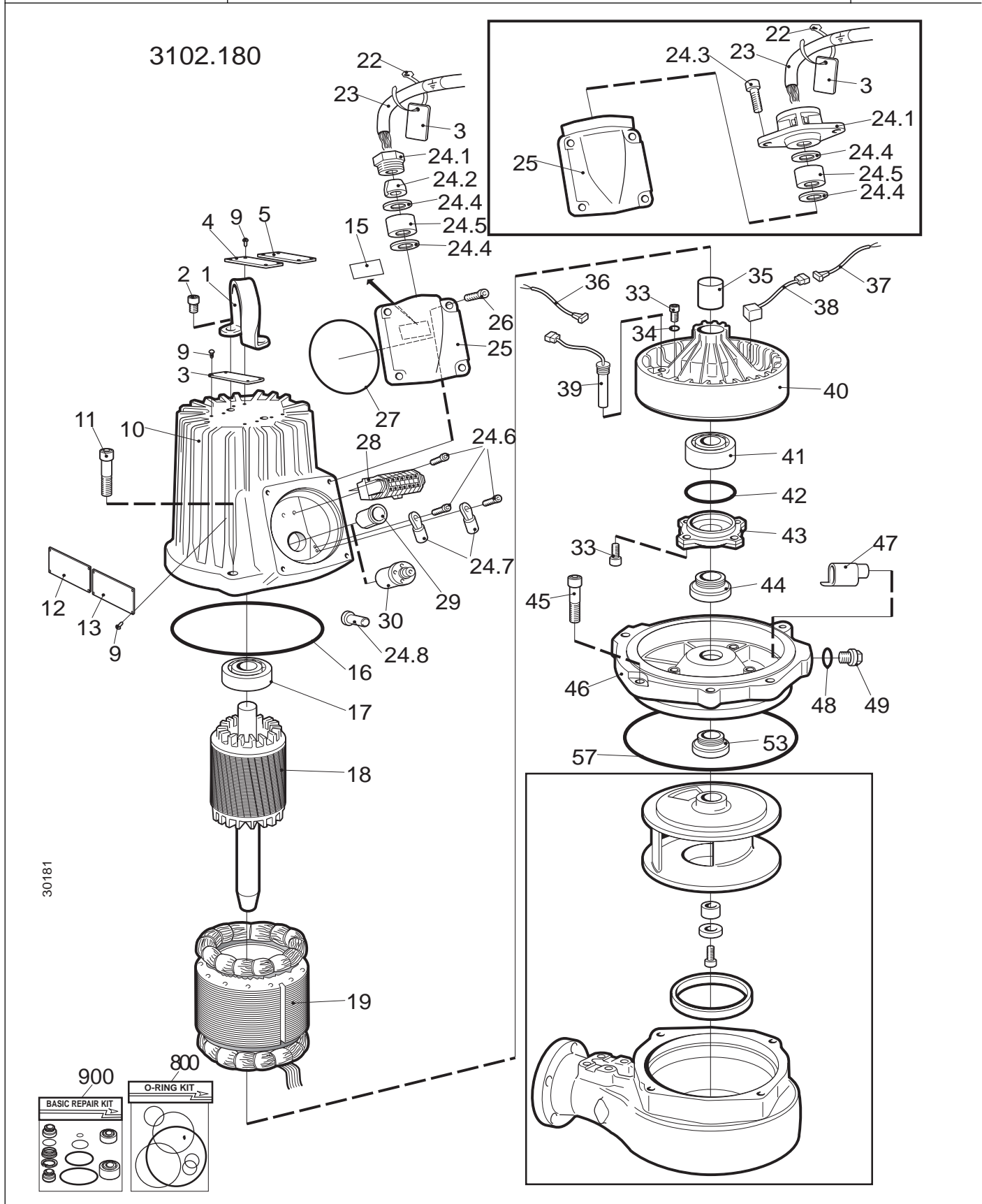
3102.090



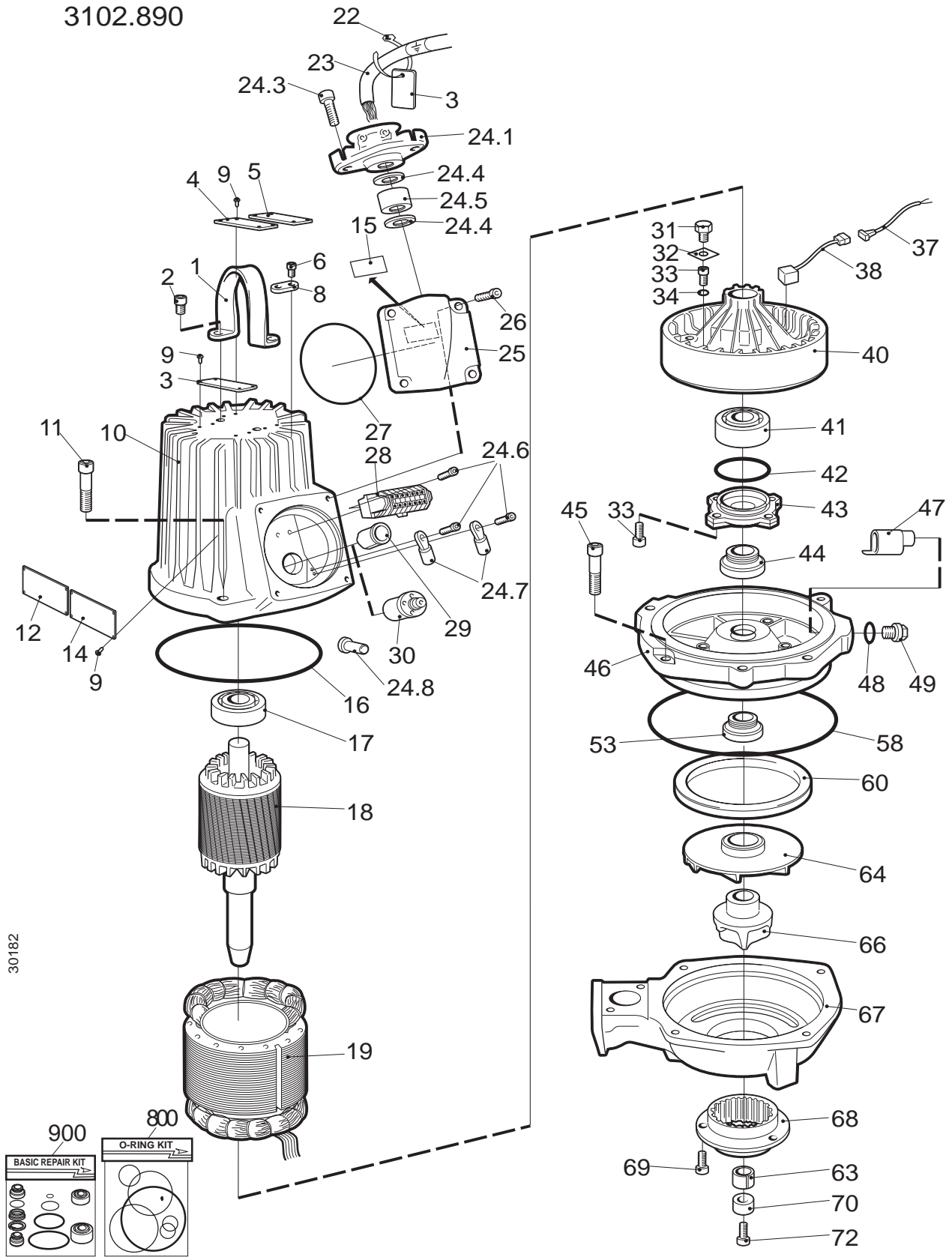
30179

3102.170

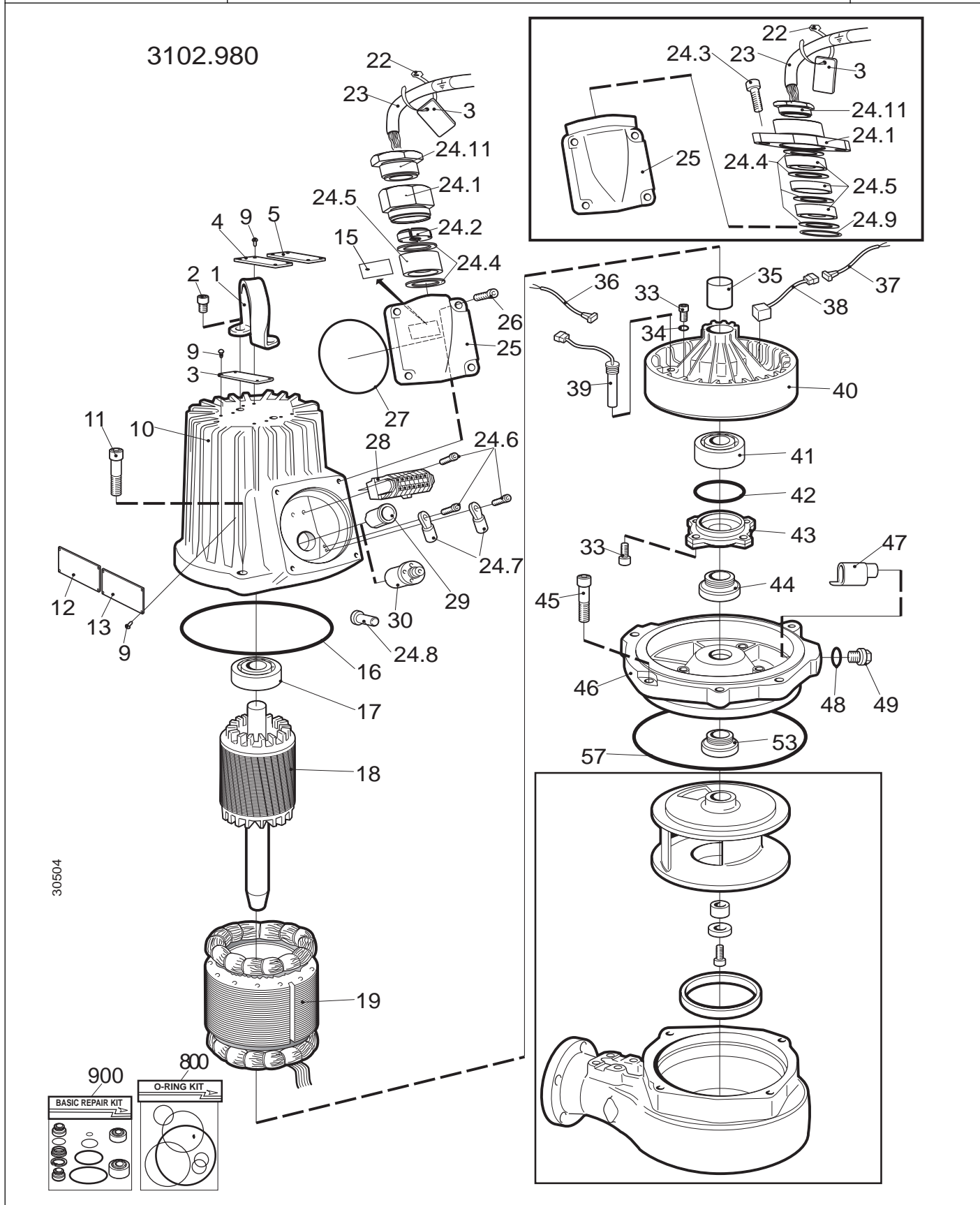




3102.890



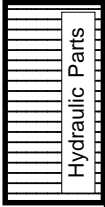
30182





Exploded view CP,NP; Low head/Medium head

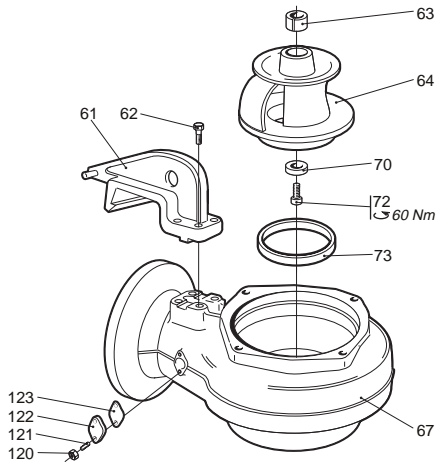
3102



CP 3102 LT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 410
- 411
- 412
- 440
- 441
- 442

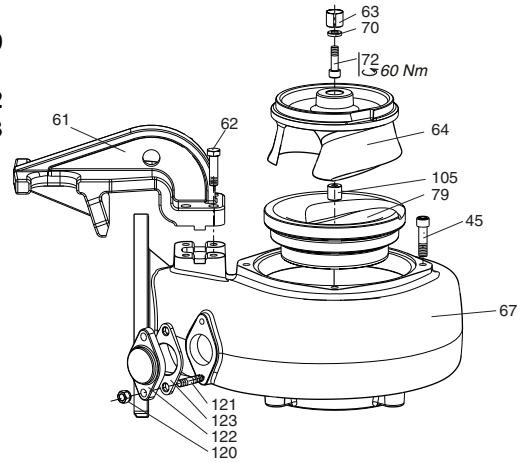


30205

NP 3102.090/180/980 LT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 420
- 421
- 422
- 423

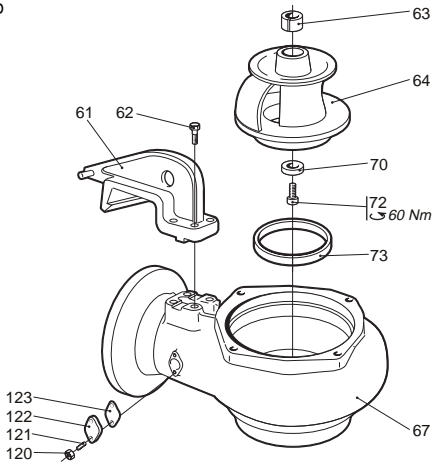


30758

CP 3102 MT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 430
- 432
- 433
- 434
- 435

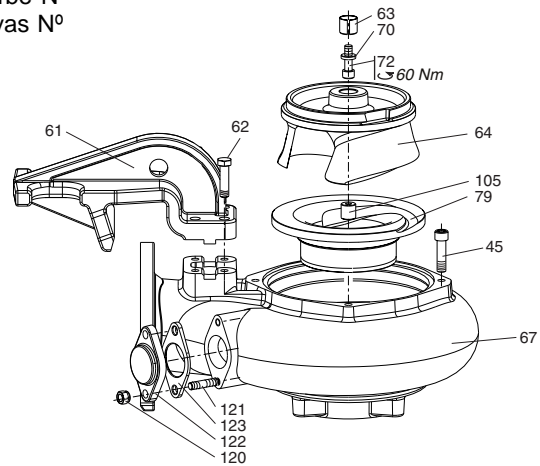


30205

NP 3102 MT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 460
- 461
- 462
- 463
- 464
- 465



30908



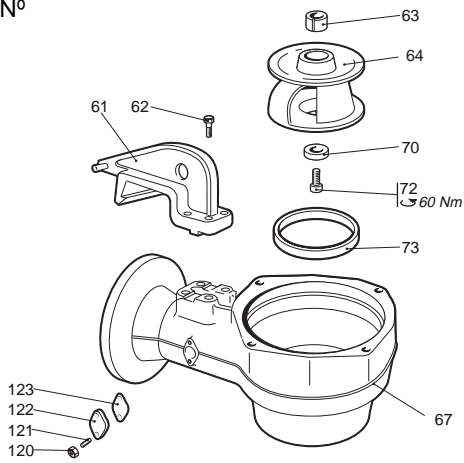
Exploded view
CP; High head, CS, NS; Low head/Medium head

3102

CP 3102 HT

Curve No.
 Kurva nr.
 Kurve Nr.
 Courbe N°
 Curvas N°

252
254

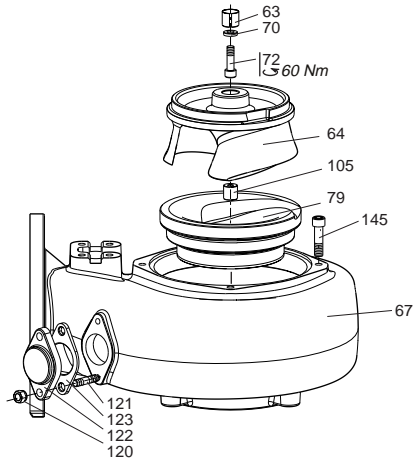


30207

N 3102.090/180/980 LT

Curve No.
 Kurva nr.
 Kurve Nr.
 Courbe N°
 Curvas N°

420
421
422
423

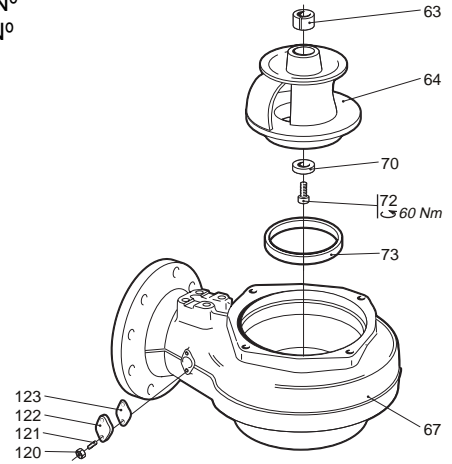


30757

CS 3102 LT

Curve No.
 Kurva nr.
 Kurve Nr.
 Courbe N°
 Curvas N°

410
411
412
440
441
442

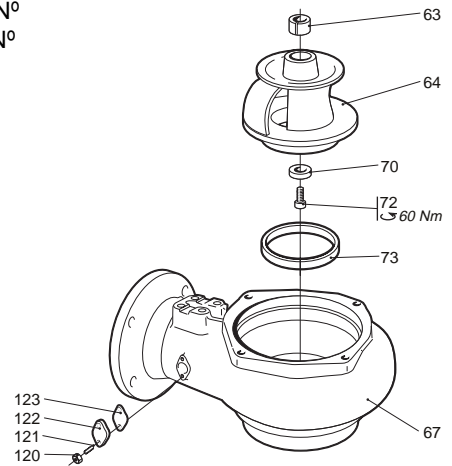


30208

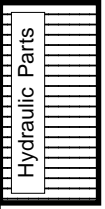
CS 3102 MT

Curve No.
 Kurva nr.
 Kurve Nr.
 Courbe N°
 Curvas N°

430
432
433
434
435



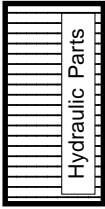
30209





Exploded view NS, CS, CT, NT; Low/Medium/High head

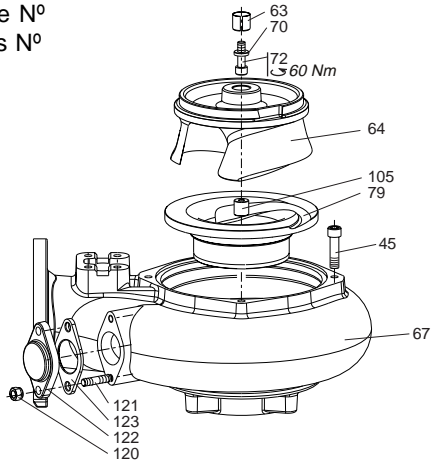
3102



N_ 3102 MT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

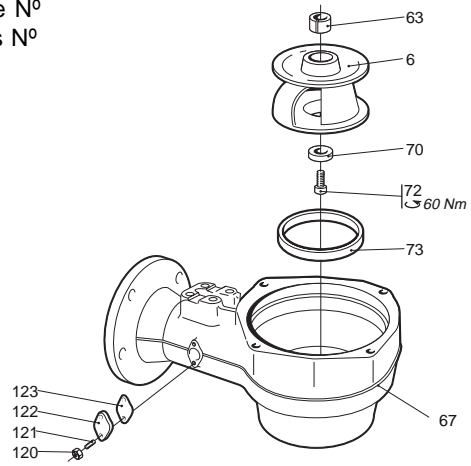
- 460**
- 461**
- 462**
- 463**
- 464**
- 465**



CS 3102 HT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 252**
- 254**



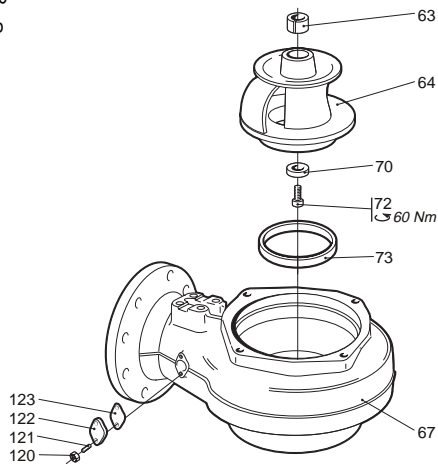
30908N

30210

CT 3102 LT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

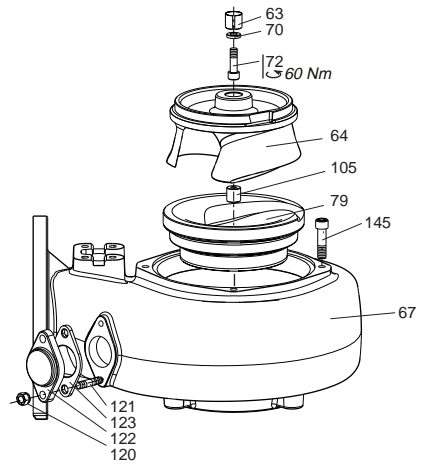
- 411**
- 412**



N 3102.090/180/980 LT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 421**
- 422**
- 423**



30211

30757



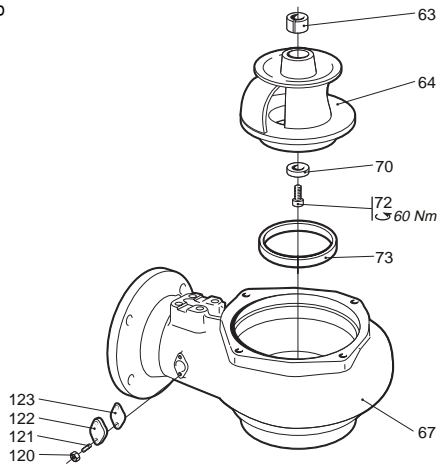
Exploded view CT, NT, CZ, NZ; Low/Medium head

3102

CT 3102 MT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 432**
- 433**
- 434**
- 435**

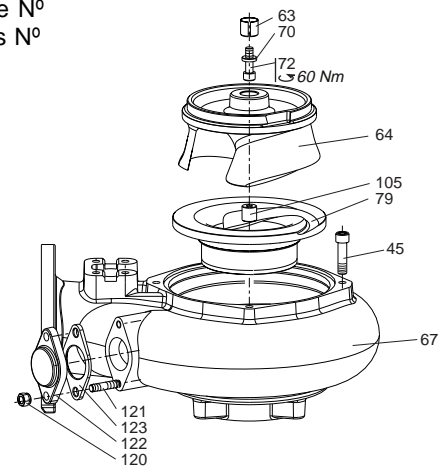


30212

N_ 3102 MT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 462**
- 463**
- 464**
- 465**

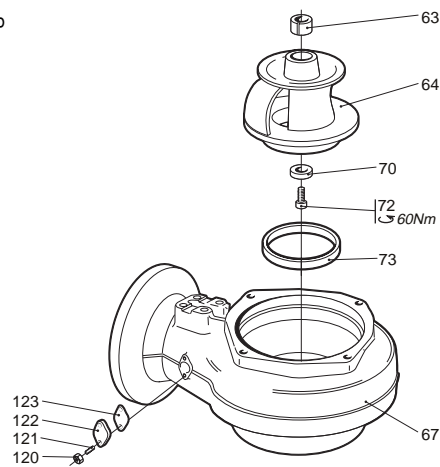


30908N

C_ 3102 LT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 410**
- 411**
- 412**

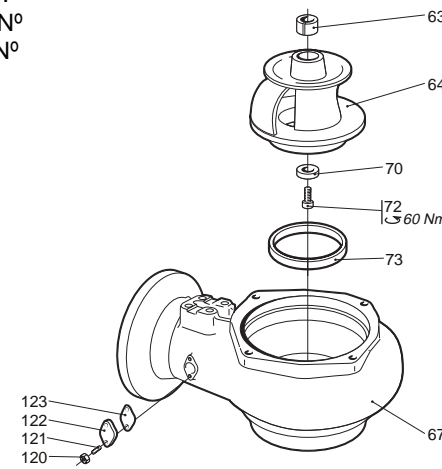


30764

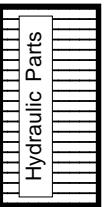
C_ 3102 MT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

- 430**
- 432**
- 433**
- 434**
- 435**



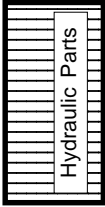
30765





Exploded view DP, FP, FS; Low/Medium/High head

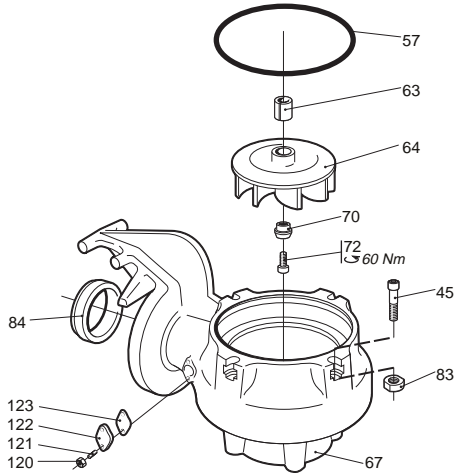
3102



DP 3102 MT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

470
471
472

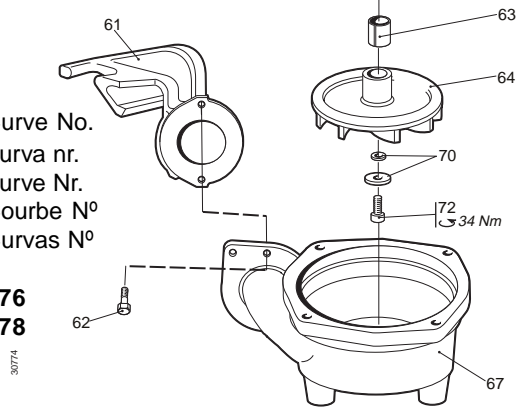


30213

DP 3102 HT

Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

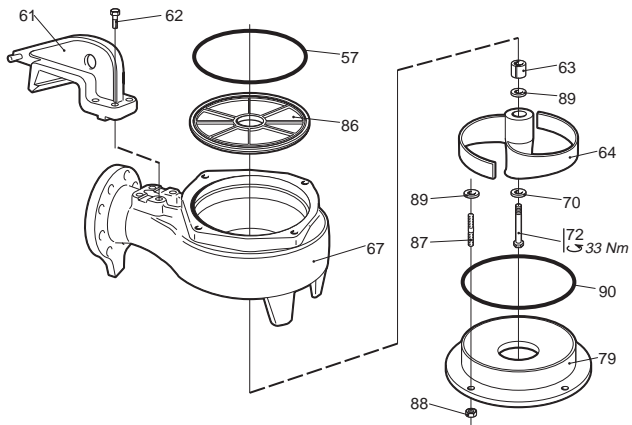
276
278



30774

FP 3102 LT

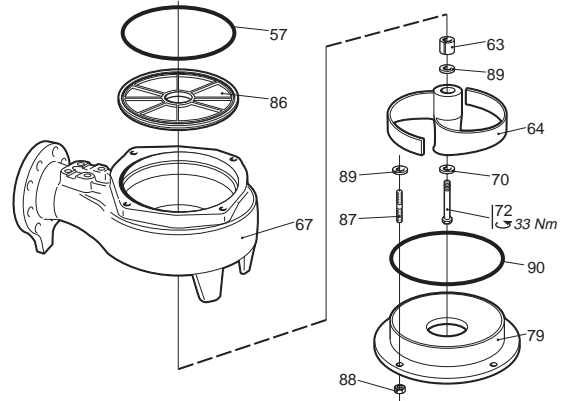
Curve No. **490**
Kurva nr. **491**
Kurve Nr. **492**
Courbe N° **493**
Curvas N° **494**



30214

FS 3102 LT

Curve No. **490**
Kurva nr. **491**
Kurve Nr. **492**
Courbe N° **493**
Curvas N° **494**



30215

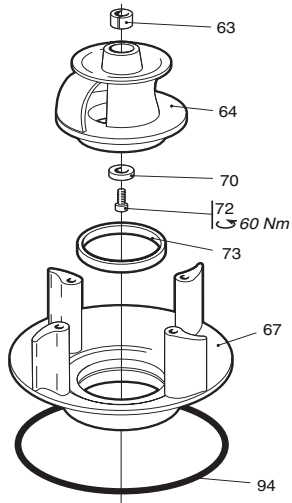


Exploded view LL, NL; Low head

3102

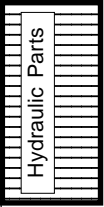
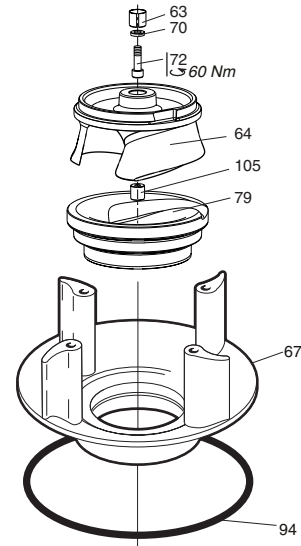
LL 3102 LT
Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

410
411
412



NL 3102 LT
Curve No.
Kurva nr.
Kurve Nr.
Courbe N°
Curvas N°

420
421
422
423



31016

31067

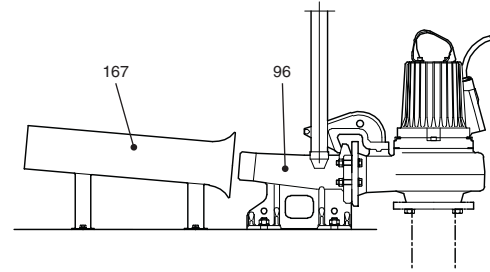
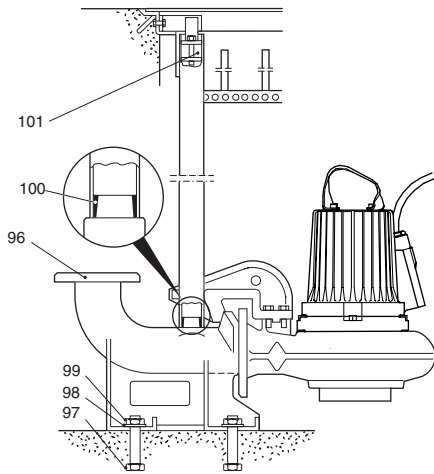
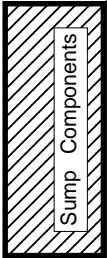


Exploded view Sump components; CP, NP and DP

3102

CP, NP 3102

CP/NP3102 LT
Hydrojector version

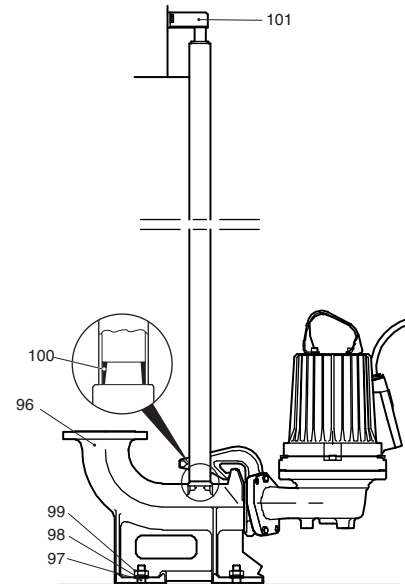
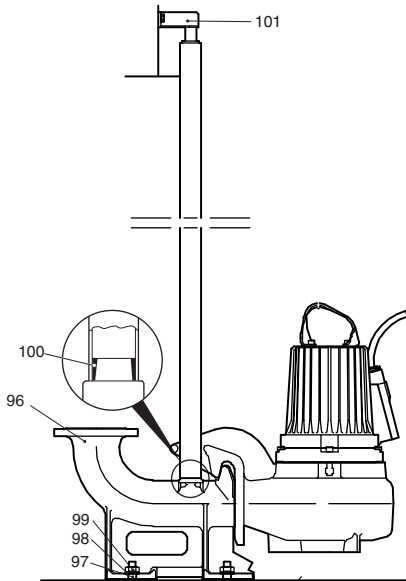


310276a

31017

DP 3102 MT

DP 3102 HT



31069

31070

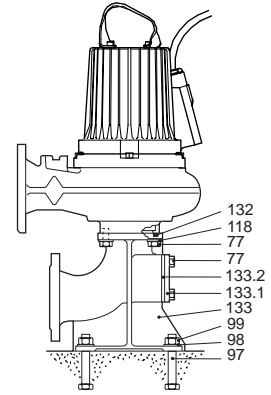
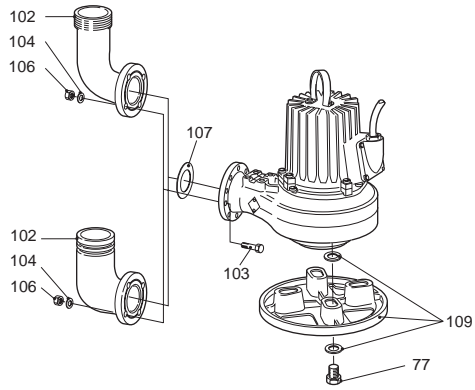


Exploded view Sump components; CS, NS, CT, NT, CZ, NZ, LL and NL

3102

CS, NS 3102

CT, NT 3102.090/180/980

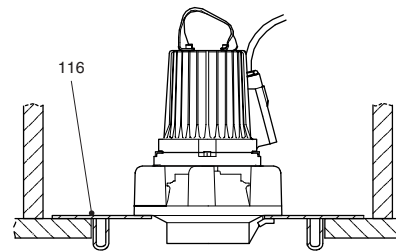
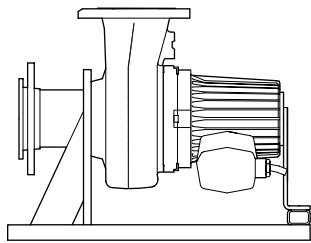


30248

31027

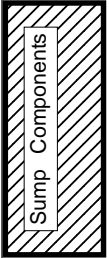
CZ, NZ 3102.090/180/980

LL, NL 3102.090/180/980



30755

30756



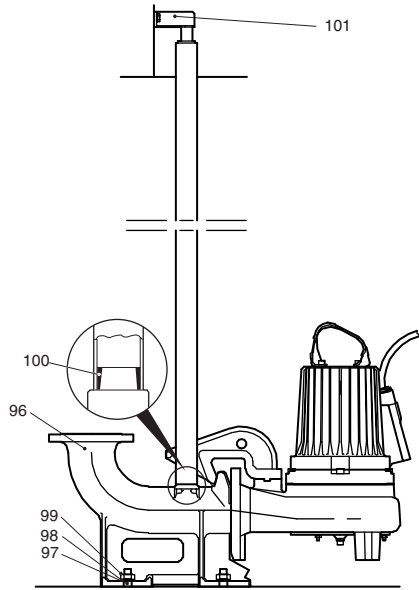


Exploded view Sump components; FP, FS, MP and MF

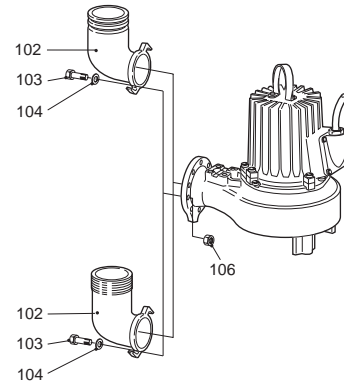
3102

Sump Components

FP 3102



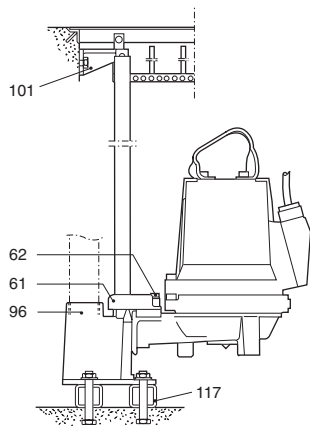
FS 3102 LT



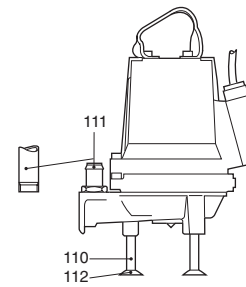
31071

30251

MP 3102.170/890 Alt 1





MF 3102.170/890



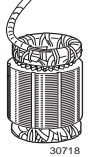
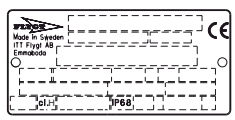



30284

31023


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
1	477 11 00 477 11 01	LIFTING HANDLE LYFTBYGEL TRAGBÜGEL ETRIER D'ELEVER ABRAZADERA DE ELEVAR MANIGLIA SOLLEVAMEN.	1 -	1 -	1 -	1 -	- 1	
2	82 00 49 83 03 21	HEX.SOCKET HD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2 -	2 -	2 -	2 -	- 2	
3	630 68 00	DATA PLATE DATASKYLTT DATENSCHILD PLAQUE SIGNALETIQUE PLACA DE CHARACTERIST TARGA DATI	1	1	1	1	1	
6	83 02 58	HEX.SOCKET HD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	2	-	
8	279 29 00	EARTHING PLATE NOLLEDNINGSPLATTA ERDUNGSPLATTE PLAQUE DE TERRE PLACA DE TIERRA PIASTRA DI TERRA	1	-	-	1	-	
9	82 20 88 82 21 73	DRIVE SCREW DRIVSKRUV TREIBSCHRAUBE VIS FILETANTE TORNILLO VITE AUTOFILETTANTE	8 -	8 -	8 -	8 -	- 6	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
10	439 31 00 439 31 01	STATOR HOUSING STATORHUS STATORGEHÄUSE LOGEMENT DE STATOR CARCASA DE ESTATOR ALLOGGIO STATORE	-	1	1	-	1	
			1	-	-	1	-	
11	82 00 72 82 00 74 83 03 51	HEX.SOCKET HD SCREW SEKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA				M12X45-A2-70 M12X55-A2-70		
			3	3	-	3	-	
			-	3	3	-	-	
			-	-	-	-	3	
13	630 76 00	PLATE SKYLT SCHILD PLAQUE PLACA TARGA/PIASTRA				HOT WATER PRODUCT		
			-	-	1	-	1	
14	630 69 00 630 70 00	CERTIFICATE PLATE CERTIFIKATSKYLT ZEUGNISSCHILD PLAQUE DE CERTIFICAT PLACA DE CERTIFICADO TARGA CERTIFICATO				EX FM APPROVED		
			1	-	-	1	-	
			1	-	-	1	-	
15	545 54 00 550 21 00 550 22 00 550 23 00 550 24 00 559 92 00 585 20 00 657 79 00 667 14 00	CONNECTION PLATE KOPPLINGSSKYLT KUPPLUNGSSCHILD PLAQUE DE BRANCHEM. PLACA DE CONEXION PIASTRA DI COLLEG.				(FLS+CLS) (FLS) (CLS)		
			1	1	1	1	1	
			-	1	1	-	1	
			1	1	1	1	1	
			-	1	1	-	1	
			1	1	1	1	1	
			1	1	1	1	1	
			-	1	-	1	-	
			1	-	1	-	-	
			-	-	1	-	-	
16	82 74 93 82 75 20	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR				199.3X5.7-NBR 199.3X5.7 FPM		
			1	1	1	1	-	
			-	-	1	-	1	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination		Qty / Version				
				090	170	180	890	980
17	83 15 73	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	6305 Z/C3 25X62X17	1	1	1	1	1
			For motor För motor Für motor				Pour moteur Para motor Per motore	
18	439 35 03 439 38 05 439 38 06 444 75 02 444 76 04 444 76 05	SHAFT UNIT AXELENHET WELLENEINHEIT UNITE D'ARBRE UNIDAD DE ARBOL ALBERO ROTORE	 30716 18-11-4A 18-10-2A 18-10-2G 18-11-4A 18-10-2A 10-10-2G	-	-	1	-	1
	 30718	STATOR ESTATOR STATORE	 30701b 3~, 50Hz, 3.1kW, 1440r/min (18-11-4)					
			3~, 60Hz, 3.7kW, (5.0hp) 1700r/min (18-11-4)					
19	310 11 01 310 11 02 310 11 03 310 11 04 310 11 05 310 11 06 310 11 07 310 11 09 310 11 10 310 11 11 310 11 17 310 11 18	— 190-200V Y 190-200V Δ 660V Y - 380V Δ — 346-350V Y/200-208V Δ 380-400V Y/220-230V Δ 400V Δ 500V Δ — 690V Y-400V Δ 400-440V Δ	440-460V Y ser./220-230V Y // 200-220V Y 200-220V Δ 440-460V Δ 380V Δ 400V Y/230-240V Δ 440-460V Y/260V Δ 400V Δ 575V Δ 575-600V Δ — 480V Δ	1	-	1	-	1
	310 11 01	—	1~, 60Hz, 2.9kW, (3.9hp) 1750r/min (18-11-4) 220-240V					


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
19		3~, 50Hz, 4.4kW, 2850r/min (18-10-2A)	3~, 60Hz, 4.5kW, (6.0hp) 3450r/min (18-10-2A)					
	344 86 12	—	440-460V Y ser./220-230V Y //	1	1	1	1	-
	344 86 27	190-200V Y	200-220V Y	1	1	1	1	-
	344 86 28	190-200V Δ	200-220V Δ	1	1	1	1	1
	344 86 29	—	380V Y/220-230V Δ	1	1	1	1	1
	344 86 34	380-400V Y/220-230V Δ	440-460V Y/260V Δ	1	1	1	1	1
	344 86 38	660V Y/380V Δ	440-460V Δ	1	1	1	1	1
	344 86 40	400V Δ	400V Δ	1	1	1	1	-
	344 86 44	400-440V Δ	480V Δ	1	1	1	1	-
	344 86 50	500V Δ	575V Δ	1	1	1	1	1
	344 86 52	—	575-600V Δ	1	1	1	1	1
	344 86 55	550V Δ	—	1	1	1	1	-
			—					
				1~, 60Hz, 4.0kW, (5.4hp) 3490r/min (18-10-2G)				
	522 72 72	—	220-230V	-	1	-	1	-
22	83 45 59	CABLE TIE BUNTBAND KABELBINDER COLLIER DE CABLE COLLAR DE CABLE COLLARE PER CAVO	200X2,4 PA 6/6 -55+105	1	1	1	1	1
23		MOTOR CABLE MOTORKABEL CABLE DE MOTEUR CABLE DEL MOTOR CAVO DI POTENZA						
	94 09 37	NSSHÖU 3X2,5+3X2,5/3E + 3X1,5, max 70°C (158°F) 18.5 mm		*	-	*	-	*
	94 17 23	Power Cable Screened 3X2,5 mm ² , max 70°C (158°F) (13,5)-15 mm		-	-	*	-	*
	94 17 24	Power Cable Screened 6X2,5+2X1,5, max 70°C (158°F) (18)-20 mm		-	-	*	-	-
	94 19 75	SIH-J 4x2.5mm ² , max 90°C (194°F) (10)-12 mm		-	-	*	-	-
	94 20 42	SUBCAB, 4x2.5mm ² , max 70°C (158°F) (12.5)-13.5 mm		-	*	*	-	*
	94 20 54	SUBCAB, 7G2.5mm ² , max 70°C (158°F) (18)-20 mm		-	*	*	-	-
	94 20 59	SUBCAB, 4G2.5+2x1.5mm ² , max 70°C (158°F) (17)-18 mm		*	*	*	*	*
	94 20 82	SUBCAB, 7G2.5mm ² +2x1.5mm ² , max 70°C (158°F) (20)-23 mm		*	*	*	*	*
	94 21 02	SUBCAB, 14 AWG/7, max 70°C (158°F) (18)-20 mm		-	*	*	-	*
	94 21 04	SUBCAB, 12AWG/7, max 70°C (158°F) (20)-22 mm		*	*	*	*	*
	94 21 06	SUBCAB, 10AWG/3-2-1-GC, max 70°C (158°F) (20.3)-22.3 mm		-	*	*	*	*





		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
24	394 77 10	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	-	1	1	-	-	
24.1	81 73 63	SLOTTED HEAD SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO	-	2	2	-	-	
24.3	82 23 55	HEXAGON NUT SEXKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE	-	2	2	-	-	
24.4	306 77 20	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	-	2	2	-	-	
24.5	384 86 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFUHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	-	1	1	-	-	
24	394 77 11	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	-	1	1	-	-	
24.1	81 73 63	SLOTTED HEAD SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO	-	2	2	-	-	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore		3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
24.3	82 23 55	HEXAGON NUT SEKKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE	-	2	2	-	-		
24.4	306 77 21	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	-	2	2	-	-		
24.5	384 86 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFUHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	-	1	1	-	-		
24	431 81 00	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	1	-	-	1	-		
24.1	82 00 17	HEX.SOCKET HD SCREW SEKKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	2	-		
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	2	-	-	2	-		
24.4	381 42 01	CLAMP KLÄMSTYCKE KLAMMER CRAMPON ABRAZADERA FASCETTA	1	-	-	1	-		


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
24.5	432 59 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFUHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	1	-	
24	431 81 01	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	1	-	-	1	-	
24.1	82 00 17	HEX.SOCKET HD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	2	-	
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	2	-	-	2	-	
24.4	381 42 00	CLAMP KLÄMSTYCKE KLAMMER CRAMPON ABRAZADERA FASCETTA	1	-	-	1	-	
24.5	432 59 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFUHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	1	-	
24	435 56 00	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	1	-	-	1	-	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore		3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
24.1	82 00 17	HEX.SOCKET HD SCREW SEKKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	2	-		
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	2	-	-	2	-		
24.4	381 42 00	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	1	-	-	1	-		
24.5	432 59 01	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	1	-		
24	435 56 03	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	1	-	-	1	-		
24.1	82 00 17	HEX.SOCKET HD SCREW SEKKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	2	-		
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	2	-	-	2	-		


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
24.4	381 42 03	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	1	-	-	1	-	
24.5	432 59 01	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFUHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	1	-	
24	435 56 04	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	1	-	-	1	-	
24.1	82 00 17	HEX.SOCKET HD SCREW SEKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	2	-	
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	2	-	-	2	-	
24.4	381 42 05	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	1	-	-	1	-	
24.5	432 59 01	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFUHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	1	-	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
24	435 56 05	CABLE ENTRY UNIT MOTORKABELINFÖR. ENH KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA'ENTRATA CAVO	1	-	-	1	-	
24.1	82 00 17	HEX.SOCKET HD SCREW SEKKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	2	-	
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	2	-	-	2	-	
24.4	381 42 06	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	1	-	-	1	-	
24.5	432 59 01	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	1	-	
24.1	397 81 00 463 58 00 463 58 01 597 87 01 597 87 11	GLAND SCREW HYLSSKRUV VERSCHRAUBUNG ECROU DE SERRAGE TORNILLO DE CAMISA	(10) - 20 mm (10) - 20 mm (10) - 20 mm 1-11,5 NPT (20) - 32 mm SS (20) - 32 mm 1 1/2 - 11,5 NPT	-	1	1	-	-
24.2	398 98 00 398 98 01 398 98 02 398 98 03 398 98 05 398 98 06 398 98 07	CABLE CLAMP KABELKLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	PA 12, 10-12MM PA 12, 12-14MM PA 12, 14-15MM PA 12, 16-17MM PA 12, 18-20MM PA 12, 15-16MM PA 12, 17-18MM	-	-	1	-	1
				-	1	1	-	1
				-	1	1	-	1
				-	1	1	-	1
				-	1	1	-	1
				-	1	1	-	1
				-	1	1	-	1


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination		Qty / Version				
				090	170	180	890	980
24.3	82 00 69	HEX.SOCKET HD SCREW	M12X30-A2-70	2	2	2	2	-
	83 03 46	SEKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M12X30-A4-70	-	-	-	-	2
24.4	82 40 55	PLAIN WASHER	(14)- 16 mm	-	2	2	-	-
	82 40 57	RUNDBRICKA	(16)- 18 mm	-	2	2	-	-
	82 40 59	SCHEIBE	(18)- 20 mm	-	2	2	-	-
	82 40 76	RONDELLE	(20)- 22 mm	-	2	2	-	-
	82 40 77	ARANDELA	(22)- 24 mm	-	2	2	-	-
	82 40 78	RONDELLA	(24)- 26 mm	-	2	2	-	-
	82 40 79		(26)- 28 mm	-	2	2	-	-
	82 40 80		(28)- 30 mm	-	2	2	-	-
	82 40 81		(30)- 32 mm	2	2	2	2	-
	82 40 82		(32)- 34 mm MSHA	2	-	-	2	-
	82 40 84		(12)- 14 mm	-	2	2	-	-
	82 41 08		(10)- 12 mm	-	-	2	-	-
	82 42 42		(22)- 24 mm	-	-	-	-	2
	82 42 72			-	-	-	-	4
24.5	84 17 90	SEAL SLEEVE	(10)- 12 mm	-	-	-	-	1
	84 17 91	TÄTNINGSHYLSA	(12)- 14 mm	-	-	-	-	1
	84 17 92	DICHTUNGSHÜLSE	(14)- 16 mm	-	-	-	-	1
	84 17 93	DOUILLE DE JOINT	(16)- 18 mm	-	-	-	-	1
	84 17 94	MANGUITO DE JUNTA	(18)- 20 mm	-	-	-	-	1
	84 18 00	GOMMINO ENTR.CAVO	(14)- 17 mm	1	-	-	1	-
	84 18 01		(17)- 20 mm	1	-	-	1	-
	84 18 02		(20)- 23 mm	1	-	-	1	2
	84 18 03		(23)- 26 mm	1	-	-	1	2
	84 18 04		(26)- 29 mm	1	-	-	1	2
	84 18 05		(29)- 32 mm	1	-	-	1	2
	84 35 32		(14)- 16 mm	-	1	1	-	-
	84 35 33		(16)- 18 mm	-	1	1	-	-
	84 35 34		(18)- 20 mm	-	1	1	-	-
	84 35 59		(12)- 14 mm	-	1	1	-	-
	84 35 66		(10)- 12 mm	-	-	1	-	-
	84 36 39		(17)- 18 mm	-	1	1	-	-
	84 36 40		(14)- 16 mm	-	1	1	-	-
	84 38 83		(20)- 22 mm	-	1	1	-	-
	84 38 84		(22)- 24 mm	-	1	1	-	-
84 38 85		(24)- 26 mm	-	1	1	-	-	
84 38 86		(26)- 28 mm	-	1	1	-	-	
84 38 87		(28)- 30 mm	-	1	1	-	-	
84 38 88		(30)- 32 mm	-	1	1	-	-	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination		Qty / Version				
				090	170	180	890	980
24.6	82 17 61	CUTTING SCREW GÄNGSKÄRANDE SKRUV SCHRAUBE VIS TORNILLO VITE	TAPTITE-M6X12	2	2	2	2	2
24.7	83 42 96	CABLE LUG	4-6 mm ² ;M6	2	2	2	2	2
	83 43 36	KABELSKO	6-10mm ² ;M6;DIN 46237/"A"	1	-	1	-	1
	83 43 45	KABELSCHUH SABOT DE CABLE GRAPA DE CABLE CAPOCORDA	1,6-2,5mm ² ;M6	1	1	1	1	1
24.8	83 44 23	CLOSED END SPLICE	5.1-10,5;L=40	3	3	3	3	1
	83 44 24	ÄNDSKARVHYLSA KABELENDVERBINDER RACCORDS EMBOUTS CONECTOR CONTERA CONNETT. PREISOLATO	2.5-6(AWG 12-10)L=17.5	1	1	1	1	1
24.9	82 81 03	O-RING	49,5X3,0 FPM	-	-	-	-	1
	83 44 24	O-RING	2.5-6(AWG 12-10)L=17.5	1	1	1	1	1
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR						
24.10	597 98 00	RING RING RING ANNEAU ANILLO ANELLO		-	-	-	1	
24.11	633 11 00	GLAND SCREW	Cable entry for metal hose "16-32 mm "	-	-	-	-	1
	633 11 01	HYLSSKRUV	Cable entry for metal hose "20-32 mm "	-	-	-	-	1
	633 11 02	VERSCHRAUBUNG	Cable entry 1-11,5 NPT	-	-	-	-	1
	633 11 04	ECROU DE SERRAGE TORNILLO DE CAMISA VITE DI SERRAGGIO	Cable entry 1½-11,5 NPT	-	-	-	-	1
24.16	640 31 02	NIPPLE	Intended for cable entry 1-11,5 NPT	-	-	-	-	1
	640 31 03	NIPPEL NIPPEL RACCORD RACOR NIPPLO	Intended for cable entry 1½-11,5 NPT	-	-	-	-	1


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
25	443 50 00	ENTRANCE COVER	-	1	1	-	1	
	443 50 01	INFÖRINGSLOCK	1	-	-	1	-	
	443 50 02	EINFÜHRUNGSDECKEL	-	1	-	-	-	
	443 51 00	COUVERCLE D'ENTREE	-	1	1	-	1	
	443 51 02	TAPA DE ENTRADA COPERCHIO ENTR. CAVO	-	1	-	-	-	
26	82 00 34	HEX.SOCKET HD SCREW	4	-	-	4	-	
	82 00 36	SEXKANTHÅLSKRUV	-	4	4	-	-	
	83 03 03	SCHRAUBE	-	-	-	-	4	
		VIS TORNILLO VITE A BRUGOLA						
27	82 74 79	O-RING	1	1	1	1	-	
	82 80 98	O-RING	-	-	1	-	1	
		O-RING						
		ANNEAU TORIQUE ANILLO TORICO ANELLO OR						
28.1	83 53 21	TERMINAL CLAMP	6	6	6	6	6	
		KOPPLINGSKLÄMMA ANSCHLUSSKLEMME BORNE DE RACCORDEM. BORNE DE CONEXION MORSETTO						
28.2	83 53 30	TERMINAL CLAMP KOPPLINGSKLÄMMA ANSCHLUSSKLEMME BORNE DE RACCORDEM. BORNE DE CONEXION MORSETTO	-	-	6	-	6	
28.3	83 53 22	END PLATE ÄNDPLATTA ENDPLATTE PLAQUE DE BOUT PLACA DE DETRAS PIASTRA TERMINALE	1	1	1	1	1	
28.4	83 44 23	CLOSED END SPLICE	-	2	-	2	2	
	83 53 33	ÄNSKARVHYLSA KABELENDVERBINDER RACCORDS EMBOUTS CONECTOR CONTERA CONNETT. PREISOLATO	-	-	1	-	1	


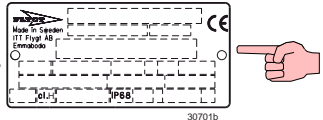
		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
28.6	83 53 31	END SUPPORT ÄNDSTOPP ENDANSCHLAG ARRET DE BOUT TOPE DE DETRAS SUPPORTO FINALE	35X15	2	2	2	2	2
28.7	443 68 00	RAIL SKENA SCHIENE RAIL RIEL BARRA		1	1	1	1	1
28.8	83 95 18	MARKING STRIP MÄRKREMSA MARKIERUNGSSTREIFE RUBAN DE MARQUAGE FRANJA DE MARCAR TARGA D'IDENTIFICAZ.		-	-	2	-	2
28.9	427 13 00 471 77 01	MARKING TAPE MÄRKTEJP MARKIERUNGSTAPE ADHESIF DE MARQUAGE ADHESIVO DE MARCAR NASTRO DI MARCATURA		1 2	- 2	1 2	- 2	- 2
29	457 92 00	SLEEVE HYLSA HÜLSE DOUILLE MANGUITO BUSSOLA		1	1	1	1	1
30	443 69 00	EL-LEAD THROUGH EL GENOMFÖRING DURCHFÜHRUNG PASSAGE PASA CABLE PASSAGGIOTERM.		1	1	1	1	1
30.2	81 98 44	HEX.SOCKET HD SCREW SEKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA		1	1	1	1	1


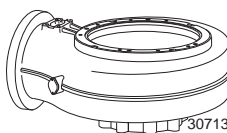
		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
30.3	82 35 13	PLAIN WASHER RUNDBRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	3	3	3	3	3	
31	439 44 01	SCREW SKRUV SCHRAUBE VIS TORNILLO VITE	3	-	-	3	-	
32	596 07 00	SQUARE WASHER FYRKANTSBRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	3	-	-	3	-	
33	82 17 64	CUTTING SCREW GÄNGSKÄRANDE SKRUV SCHRAUBE VIS TORNILLO VITE	4	4	4	4	4	
34	82 50 60	LOCK WASHER LÅSBRICKA SICHERUNGSSCHEIBE RONDELLE DE BLOCAGE ARANDELA DE CIERRE RONDELLA DI BLOCCAG.	3	3	3	3	3	
35	439 42 00 439 42 01	SLEEVE HYLSA HUELSE DOUILLE MANGUITO BUSSOLA	-	-	1	-	1	
			-	1	1	1	1	
36	504 78 06	CABLE UNIT KABELNHET KABELEINHEIT UNITE DE CABLE UNIDAD DE CABLE UNITA' CAVO	-	1	1	-	1	













		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
36.1	83 42 42	CONTACT PIN KONTAKTSTIFT ANSCHLUSSTIFT GOUPILLE DE CONTACT PASADOR DE CONTACTO TERMINALE	-	2	2	-	2	
36.2	83 53 40	TERMINAL DEVICE KOPPLINGSDON ANSCHLUSS VORRICHT. DISPOS.DE RACCORDEM. DISPOS.DE CONEXION DISPOSITIVO	-	1	1	-	1	
37	504 78 07	CABLE UNIT KABELNHET KABELEINHEIT UNITE DE CABLE UNIDAD DE CABLE UNITA' CAVO	1	1	1	1	1	
38	518 89 02	LEAKAGE DETECT.UNIT LÄCKAGEDETEKT.ENHET LECKAGEDETEKT.EINH. DETECT.FUITE-UNITE DETECT.GOTEO-UNIDAD UNITA'RIVEL.INFILTR.	(FLS)	1	1	1	1	
39	505 12 00	LEAKAGE DETECT.UNIT LÄCKAGEDETEKT.ENHET LECKAGEDETEKT.EINH. DETECT.FUITE-UNITE DETECT.GOTEO-UNIDAD UNITA'RIVEL.INFILTR.	(CLS30)	-	1	1	-	1
40	439 33 10 439 33 11 439 33 12	BEARING HOLDER LAGERHÅLLARE SUPPORT DE ROULEMENT SUJETADOR DE COJIN. SUPP. CUSCINETTO	STANDARD VERSION EX.VERSION Together with CLS	-	1	1	-	1
41	83 36 90	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	3305A C3 25X62X25,4	1	1	1	1	1




		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination		Qty / Version				
				090	170	180	890	980
42	82 74 65	O-RING	59,5X3,0-NBR	1	1	1	1	-
	82 80 90	O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	59,5X3,0 FPM	-	-	1	-	1
43	605 20 00	BEARING COVER LAGERLOCK LAGERDECKEL COUVERCLE DE ROULEM TAPA DE COJINETE COPERCHIO CUSCINETTO		1	1	1	1	1
44	592 01 01	MECHANICAL SEAL	CSB/AL2O3-TYPE O	1	1	1	1	-
	592 01 03	PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	WCCR/WCCR-TYPE O	1	1	1	1	1
45	82 00 72	HEX.SOCKET HD SCREW	M12X45-A2-70	4	-	4	4	-
	82 00 74	SEXKANTHÅLSKRUV	M12X55-A2-70	4	4	-	-	-
	83 03 49	SCHRAUBE VIS TORNILLO VITE A BRUGOLA		-	-	-	-	4
46	439 32 02	OIL HOUSING BOTTOM OLJEHUSBOTTEN ÖLGEHÄUSEBODEN FOND DE CART.A HUILE FONDO CAM.DE ACEITE FONDO SERBATOIO OLIO		1	1	1	1	1
47	443 49 00	SLEEVE HYLSA HUELSE DOUILLE MANGUITO BUSSOLA		1	1	1	1	1
48	82 72 95	O-RING	19.2X3.0 FPM	-	-	2	-	2
	82 73 90	O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	19.2X3.0 NBR	2	2	2	2	-


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
49	428 22 01	INSPECTION SCREW	2	2	2	2	-	
	428 22 05	INSPEKTIONSSKRUV	-	-	-	-	2	
		INSPEKTIONSSCHRAUBE						
		VIS D'INSPECTION						
		TORNILLO DE INSPECT. VITE D'ISPEZIONE						
53	592 01 04	MECHANICAL SEAL	1	1	1	1	1	
	592 01 06	PLANTÄTNING	1	1	1	1	-	
		GLEITRINGDICHTUNG						
		JOINT MECANIQUE						
		JUNTA MECANICA TENUTA MECCANICA						
57	82 71 35	O-RING	-	-	1	-	1	
	82 74 95	O-RING	1	-	1	-	-	
	82 75 21	O-RING	-	-	-	-	1	
	82 78 27	ANNEAU TORIQUE	1	-	1	-	-	
	82 80 83	ANILLO TORICO ANELLO OR	-	-	-	-	1	
58	82 74 90	O-RING	-	1	-	1	-	
		O-RING						
		O-RING						
		ANNEAU TORIQUE						
		ANILLO TORICO ANELLO OR						
60	379 79 02	PLAIN WASHER	-	1	-	1	-	
	379 79 03	RUNDBRICKA	-	1	-	1	-	
	379 79 04	SCHEIBE	-	1	-	1	-	
	379 79 07	RONDELLE	-	1	-	1	-	
		ARANDELA RONDELLA						
61	380 91 00	GUIDING CLAW	1	-	1	-	1	
	398 93 00	STYRKLO	1	-	1	-	1	
	404 90 01	FÜHRUNGSKLAUE	1	-	1	-	-	
	464 06 00	GRIFFE DE GUIDAGE	-	1	-	1	-	
	464 06 01	GARRA DE GUIA STAFFA SCORREVOLE	-	1	-	1	-	
62	81 41 58	HEXAGON HEAD SCREW	2	-	2	-	-	
	81 49 09	SEKKANTSKRUV	-	-	-	-	2	
	82 00 72	SECHSKANTSCHRAUBE	-	2	-	2	-	
	VIS A TÊTE HEXAGONAL							
	TORNILLO DE CAB.EXAG							
	BULLONE TESTA ESAG.							


		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3102					
Pos.No.	Part No.	Denomination		Qty / Version					
				090	170	180	890	980	
63	439 41 00	SLEEVE		1	1	1	1	-	
	439 41 01	HYLSA HUELSE DOUILLE MANGUITO BUSSOLA		-	-	-	-	1	
64		IMPELLER PUMPHJUL LAUFRAD ROUE IMPULSOR GIRANTE	Curve No. Kurva nr. Kurve Nr. Courbe N° Curvas N° No curva						
									
		303 36 00	Low head	411, 50-60 Hz, 3~	1	-	1	-	1
		303 70 00	Low head	410, 50 Hz, 3~	1	-	1	-	1
		303 79 00	Low head	412, 50-60 Hz, 3~	1	-	1	-	1
		344 09 00	High head	252, 50 Hz, 3~	1	-	1	-	1
		344 11 00	High head	254, 50-60 Hz, 3~	1	-	1	-	1
		373 10 00	Low head	442, 50-60 Hz, 3~	1	-	1	-	1
		373 12 00	Low head	440, 50 Hz, 3~	1	-	1	-	1
		403 86 25	High head	276, 50 Hz, 3~	1	-	1	-	1
		403 86 26	High head	278, 50 Hz, 3~	1	-	1	-	1
		416 73 04	Low head	491, 50-60 Hz, 3~	1	-	1	-	1
		416 73 05	Low head	492, 50-60 Hz, 3~, 60 Hz, 1~	1	-	1	-	1
		416 73 09	Low head	490, 50 Hz, 3~	1	-	1	-	1
		416 73 10	Low head, High temp 70° C	493, 50 Hz, 3~	1	-	1	-	1
		416 73 11	Low head, High temp 70° C	494, 50 Hz, 3~	1	-	1	-	1
		429 65 00	Medium head	470, 50 Hz, 3~	1	-	1	-	1
		429 65 07	Medium head	471, 50-60 Hz, 3~	1	-	1	-	-
		429 65 08	Medium head	472, 50-60 Hz, 3~	1	-	1	-	-
		431 69 00	Low head	441, 50-60 Hz, 3~	1	-	1	-	1
		438 90 00	Medium head	430, 50 Hz, 3~	1	-	1	-	1
		438 93 00	Medium head	435, 5Hz, 3~	1	-	1	-	1
		438 96 00	Medium head	432, 50-60 Hz, 3~	1	-	1	-	1
		438 96 01	Medium head	434, 50-60 Hz, 3~, 60 Hz, 1~	1	-	1	-	1
		438 99 00	Medium head	433, 50-60 Hz, 3~, 60 Hz, 1~	1	-	1	-	1
		486 48 01	High head	262, 60 Hz, 3~	-	1	-	1	-
		486 54 01	Low head	210, 50 Hz, 3~	-	1	-	1	-
	486 54 02	Low head	212, 60 Hz, 3~	-	1	-	1	-	
	486 54 03	Low head	216, 60 Hz, 1~	-	1	-	1	-	
	486 54 06	High head	263, 60 Hz, 3~	-	1	-	1	-	
	486 54 07	High head	261, 50 Hz, 3~	-	1	-	1	-	
	486 54 08	High head	267, 60 Hz, 1~	-	1	-	1	-	


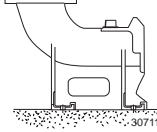










		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3102					
Pos.No.	Part No.	Denomination		Qty / Version					
				090	170	180	890	980	
64	606 67 02	Medium head, N-impeller	460, 50 Hz, 3~	1	-	1	-	1	
	606 67 12	Medium head, N-impeller	461, 50 Hz, 3~	1	-	1	-	1	
	606 67 22	Medium head, N-impeller	462, 50-60 Hz, 3~	1	-	1	-	1	
	606 67 32	Medium head, N-impeller	463, 50-60 Hz, 3~	1	-	1	-	1	
	606 67 42	Medium head, N-impeller	464, 50-60 Hz, 3~, 60 Hz, 1~	1	-	1	-	1	
	606 67 45	Medium head, N-impeller	465, 60 Hz, 3~, 1~	1	-	1	-	1	
	606 71 00	Low head, N-impeller	420, 50 Hz, 3~	1	-	1	-	1	
	606 71 16	Low head, N-impeller	421, 50 Hz, 3~	1	-	1	-	1	
	606 71 22	Low head, N-impeller	422, 60 Hz, 3~	1	-	1	-	1	
	606 71 29	Low head, N-impeller	423, 50-60 Hz, 3~	1	-	1	-	1	
	66	486 47 00	CUTTER WHEEL SKÅRHJUL SCHNEIDRAD ROUE DE COUPE RUEDE DE CORTE RUOTA DA TAGLIO.		-	1	-	1	-
	67	303 24 00	PUMP HOUSING PUMPHUS PUMPENGHÄUSE	CORPS DE POMPE CUERPO DE BOMBA CORPO POMPA					
		303 24 00	"MT" Medium head DN100	Undrilled	1	-	1	-	1
		303 24 01	"MT" Medium head DN100	Drilled to EN 1092-2 table 9	1	-	1	-	1
303 24 02		"MT" Medium head DN100	Drilled to 1882 Standard	1	-	1	-	1	
303 24 05		"MT" Medium head DN100	Drilled to ANSI B16.1-89; table5	1	-	1	-	1	
303 24 20		"MT" Medium head DN100	Undrilled For flush valve För omrörarventil Für Rührwerkventil	1	-	1	-	-	
303 35 10		"LT" Low head DN150	Undrilled	1	-	1	-	1	
303 35 12		"LT" Low head DN150	Drilled to 1882 Standard	1	-	1	-	-	
303 35 16		"LT" Low head DN150	Drilled to EN 1092-2 table 9	1	-	1	-	1	
303 35 20		"LT" Low head DN150	Undrilled For flush valve För omrörarventil Für Rührwerkventil	1	-	1	-	-	


		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3102				
Pos.No.	Part No.	Denomination		Qty / Version				
				090	170	180	890	980
67	383 99 00	"LT" Low head DN 100	 Undrilled	1	-	1	-	1
	383 99 01	"LT" Low head DN 100	 Drilled to EN 1092-2 table 9	1	-	1	-	1
	383 99 02	"LT" Low head DN 100	 Drilled to 1882 Standard	1	-	1	-	1
	383 99 20	"LT" Low head DN 100	 Undrilled For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Für Rührwerkventil Per valvola di flussaggio	1	-	1	-	-
	387 32 00	"HT" High head DN 80	 Undrilled	1	-	1	-	1
	387 32 01	"HT" High head DN 80	 Drilled to 1882 Standard	1	-	1	-	1
	387 32 04	"HT" High head DN 80	For conv. unit *) 303 84 00 För övergångsenhet *) Für Übergangseinheit *) Pour unite transiton *) Para unidad transicion *)	1	-	1	-	-
	387 32 07	"HT" High head DN 80	 Drilled to EN 1092-2 table 8	1	-	1	-	-
	387 32 20	"HT" High head DN 80	 Undrilled For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Für Rührwerkventil Per valvola di flussaggio	1	-	1	-	-
	396 72 02	"LT" Low head "L", "N" Diffuser Ledskenedel Diffusor Anneau diffuseur Difusor	Undrilled	1	-	1	-	1
	403 87 00	"HT" High head DN 80 "D"	 Undrilled	1	-	1	-	1
	429 62 00	"MT" Medium head DN 100 "D"	 Undrilled	1	-	1	-	1
	429 62 20	"MT" Medium head DN 100 "D"	 Undrilled For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Für Rührwerkventil Per valvola di flussaggio	1	-	1	-	-


		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3102					
Pos.No.	Part No.	Denomination		Qty / Version					
				090	170	180	890	980	
67	435 34 01	"LT" Low head DN 100 "F"		Drilled to EN 1092-2 table 8	1	-	1	-	1
	435 34 05	"LT" Low head DN 100 "F"		Drilled to ANSI B16.1-89; table5	1	-	1	-	1
	464 00 00	"HT" High head DN 45 "M" Vertical outlet Vertikalt utlopp Vertikaler Auslass Sortie verticale Salida vertical		ISO - G 1½" 464 00 0+505 43 00 = 1½-11½ NPT Inside	-	1	-	1	-
	464 00 01	"HT" High head DN 45 "M" Horizontal outlet Horisontellt utlopp Horizontaler Auslass Sortie horizontale Salida horizontal			-	1	-	1	-
	486 51 00	"LT" Low head DN 50 "M" Vertical outlet Vertikalt utlopp Vertikaler Auslass Sortie verticale Salida vertical		ISO - G2 A 486 51 00 + 505 43 01= 2-11½ NPT	-	1	-	1	-
	486 51 01	"LT" Low head DN 50 "M" Horizontal outlet Horisontellt utlopp Horizontaler Auslass Sortie horizontale Salida horizontal			-	1	-	1	-
	68	444 88 00	CUTTING RING		Intended for curve 262	-	1	-	1
486 42 00		SKÄRRING		210, 212, 216	-	1	-	1	-
508 67 00		SCHNEIDRING ANNEAU DE COUPE ANILLO DE CORTE ANELLO ANTIINTASAM.		261, 263, 267	-	1	-	1	-
69	82 00 11	HEX.SOCKET HD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA		M6X12-A2-70	-	3	-	3	-


		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3102					
Pos.No.	Part No.	Denomination		Qty / Version					
				090	170	180	890	980	
70	82 37 04	PLAIN WASHER	Intended for version "D" and "F"	1	-	1	-	1	
	338 13 00	RUNDBRICKA	410-411, 430-442, 252-254, 270	1	-	1	-	1	
	338 13 08	SCHEIBE	420-423, 460-465	1	-	1	-	1	
	403 94 01	RONDELLE	490-494	1	-	1	-	1	
	486 43 00	ARANDELA RONDELLA	210-216, 260-267	-	1	-	1	-	
72	82 00 53	HEX.SOCKET HD SCREW	M10X35-A2-70	1	1	1	1	-	
	82 03 15	SEXKANTHÅLSKRUV	MC6S 10X120-A2-70	1	-	1	-	-	
	83 03 25	SCHRAUBE	M10X35-A4-70	-	-	-	-	1	
	83 03 38	VIS TORNILLO VITE A BRUGOLA	M10X120-A4-70	-	-	-	-	1	
	73	303 50 00	RING	Rubber MT/HT	1	-	1	-	-
303 66 00		RING	Rubber LT	1	-	1	-	-	
314 88 00		RING	Aluminium bronze MT/HT	1	-	1	-	-	
314 88 01		ANNEAU	Aluminium bronze LT	1	-	1	-	-	
314 88 33		ANILLO	Stainless steel MT/HT	-	-	-	-	1	
314 88 48		ANELLO	Stainless steel LT	-	-	-	-	1	
77	81 41 56	HEXAGON HEAD SCREW	M12X35-A2-70 CS/CT, HT/MT	4	-	4	-	-	
	81 41 81	SEXKANTSKRUV	M16X40-A4-70 CS/CT, LT	-	-	-	-	4	
	81 49 07	SECHSKANTSCHRAUBE	M12X35-A4-70 CS/CT, HT/MT	-	-	-	-	4	
	84 34 03	VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M16X40-A2-70 CS/CT, LT	4	-	4	-	-	
	79	435 35 00	SUCTION COVER		1	-	1	-	1
606 70 00		SUGLOCK		1	-	1	-	1	
608 93 00		SAUGDECKEL FOND D'ASPIRATION FONDO DE ASPIRACION DIFFUSORE INFERIORE		1	-	1	-	1	
83		429 67 00	SQUARE NUT		4	-	4	-	-
	429 67 01	FYRKANTMUTTER MUTTER ECROU TUERCA DADO		-	-	-	-	3	
	84	429 66 00	U-RING U-RING U-RING ANNEAU-U ANILLO-U ANELLO U		1	-	1	-	1


		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
86	394 39 00	PUMP HOUSING COVER	Intended for curve 490	1	-	1	-	1
	410 15 00	PUMPHUSLOCK	491-492	1	-	1	-	1
		PUMPENGEHÄUSE DECKEL						
		COUV.DE CORPS POMPA						
		TAPA DE CUERPO BOMBA						
		COPERCH. CORPO POMPA						
87	80 94 87	STUD	8X40-A2-70	3	-	3	-	-
	80 96 98	PINNSKRUV		-	-	-	-	3
		STIFTSCHRAUBE						
		GOUJON						
		ESPARRAGO						
		PRIGIONIERO						
88	82 27 27	LOCK NUT	M8-A4-70	3	-	3	-	3
		LÅSMUTTER						
		SICHERUNGSMUTTER						
		ECROU DE BLOCAGE						
		TUERCA DE SEGURIDAD						
		DADO DI BLOCCAGGIO						
89	82 35 17	PLAIN WASHER	T= 2 mm	6	-	6	-	6
	250 23 02	RUNDBRICKA	T= 0,25 mm	18	18	-	-	18
	250 23 03	SCHEIBE	T= 0,5mm	6	-	6	-	6
	250 23 05	RONDELLE	T= 0,20 mm	5	-	5	-	5
		ARANDELA						
		RONDELLA						
90	82 74 94	O-RING	209,3X5,7-NBR	1	-	1	-	-
	82 80 83	O-RING	209,3X5,7 FPM	-	-	1	-	1
		O-RING						
		ANNEAU TORIQUE						
		ANILLO TORICO						
		ANELLO OR						
94	82 83 40	G-RING	DIAM=325;T=16 SBR	1	-	1	-	1
		G-RING						
		G-RING						
		ANNEAU G						
		ANILLO G						
		ANELLO G						


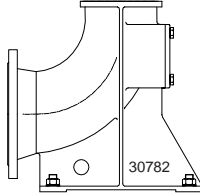
		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3102					
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
		Installation Installation Aufstellungsart							
		_P Installation Instalacion Installazione							
		DISCHARGE CON.STAT. TRYCKANSL. STATIONÄR DRUCKANSCHLUSS STAT. ORIFICE DE REF.STAT. ORIFICIO DE REC.STAT PIEDE ACCOPPIAMENTO							
96	444 68 00	"HT" High head DN 80		Undrilled	1	-	1	-	1
	444 68 01	"HT" High head DN 80		Drilled to 1882 Standard	1	-	1	-	1
	444 68 05	"HT" High head DN 80		Drilled to ANSI B16.1-89; table5	1	-	1	-	1
	444 68 07	"HT" High head DN 80		Drilled to EN 1092-2 table 8	1	-	1	-	1
	444 70 00	"LT" Low head DN 150		Undrilled	1	-	1	-	1
	444 70 02	"LT" Low head DN 150		Drilled to 1882 Standard	1	-	1	-	1
	444 70 06	"LT" Low head DN 150		Drilled to ANSI B16.1-89; table5	1	-	1	-	1
	486 55 00	"LT" Low head DN 50 "M"		ISO-G2	-	1	-	1	-
	486 55 01	"LT" Low head DN 50 "M"		2-11½ NPT	-	1	-	1	-
	540 13 00	"LT/MT" Low/Medium head DN 100		Undrilled	1	-	1	-	1
	540 13 01	"LT/MT" Low/Medium head DN 100		Drilled to EN 1092-2 table 8	1	-	1	-	1
	540 13 05	"LT/MT" Low/Medium head DN 100		Drilled to ANSI B16.1-89; table5	1	-	1	-	1





		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
96		Only for Top 50 and Top 65						
	619 95 00	"LT"/"MT" Low/Medium head DN 50 "MP" ISO-G2 A	-	1	-	1	-	
	619 95 01	"HT"/"LT" High/Low head DN 50 "MP" 2-11½ NPT Inside	-	1	-	1	-	
		Only for Top 100 and Top 150						
	619 99 10	"HT" High head DN 80		1	-	1	-	
	620 00 10	"HT" High head DN 80	Right Left	1	-	1	-	
	620 01 10	"MT" Medium head DN 100	Right	1	-	1	-	
	620 02 10	"MT" Medium head DN 100	Left	1	-	1	-	
	620 03 10	"LT" Low head DN 150	Right	1	-	1	-	
	620 04 10	"LT" Low head DN 150	Left	1	-	1	-	
		Hydroejector version						
	628 85 00	"LT" Low head		1	-	1	-	
	97	81 39 82	HEXAGON HEAD SCREW SEKKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG BULLONE TESTA ESAG.					
			4	-	4	-		
98	82 35 26	PLAIN WASHER RUNDBRICKA SCHEIBE RONDELLE ARANDELA RONDELLA						
			4	-	4	-		
99	82 23 62	HEXAGON NUT SEKKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE						
			4	-	4	-		




		Sump components Equipment du puisard Pumpgropsdetaljer Equipo para pozo negro Schachteinbauteile Componenti per versione			3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
104	82 35 26	PLAIN WASHER	20-A2-A 140 MT	4	-	4	-	-	
	82 35 79	RUNDBRICKA	20-A4-A 140 MT	-	-	-	-	4	
	82 37 29	SCHEIBE	16-200 HV-FZB LT Manure	2	-	2	-	-	
	82 37 85	RONDELLE ARANDELA RONDELLA	LT Manure	-	-	-	-	2	
105	84 69 55	SET SCREW STOPPSKRUV GEWINDESTIFT VIS SANS TÊTE TORNILLO SIN CABESA VITE DI ARRESTO		1	-	1	-	1	
106	82 23 37	HEXAGON NUT	M16-A4-70 HT	-	-	-	-	4	
	82 23 38	SEKKANTMUTTER	M20-A4-70 LT	-	-	-	-	4	
	82 23 61	MUTTER	M16-A2-70 HT	4	-	4	-	-	
	82 23 62	ECROU TUERCA DADO ESAGONALE	M20-A2-70 LT	4	-	4	-	-	
107	259 83 00	GASKET	4"	1	-	1	-	1	
	295 64 00	PACKNING	6"	1	-	1	-	1	
	310 05 00	PACKUNG JOINT JUNTA GUARNIZIONE		1	-	1	-	1	
109	436 94 00	STAND	CS MT/HT	1	-	1	-	1	
	436 94 01	STATIV STATIV BATI BASTIDOR CAVALLETTO	CS LT	1	-	1	-	1	
110	398 95 00	STUD PINNSKRUV STIFTSCHRAUBE GOUJON ESPARRAGO PRIGIONIERO	MF	-	3	-	3	-	




		Sump components Equipment du puisard Pumpgropsdetaljer Equipo para pozo negro Schachteinbauteile Componenti per versione			3102				
Pos.No.	Part No.	Denomination		Qty / Version					
				090	170	180	890	980	
111	83 18 28	COUPLING PART	DN 150 For hose 6"	-	-	1	-	-	
	83 18 46	KOPPLINGSHALVA	Inner thread G3 A	-	-	1	-	-	
	83 19 34	KUPPLUNGSHÄLFTE	DN 110 Inner thread G4R 4"	-	-	1	-	-	
	83 92 47	SEMI ACCOUPLEMENT	ISO - G1½" A - Ø48	-	1	-	1	-	
	83 92 49	SEMI ACOPLAMIENTO	ISO - G2" A	-	1	-	1	-	
	505 43 00	SEMI-GIUNTO	ISO - G1½" A -1½ -11½ NPT	-	1	-	1	-	
	505 43 01		ISO - G2" A -2-11½ NPT	-	1	-	1	-	
112	534 48 00	FOOT	MF	-	3	-	3	-	
		FOT							
		FUSS							
		SOCLE							
		BASTIDOR							
		PIEDE							
114	499 69 00	GUIDE RING UNIT	(FJ)	1	-	1	-	-	
		GEJD-RING ENHET							
		FÜHRUNGSRINGE EINH.							
		ANNEAU DE GUIDE-UNIT							
		ANILLO DE GUIA-UNID. UNITA' ANELLO GUIDA							
115	416 12 00	SHAFT PIPE COMPL.	Intended for LL, type A	-	-	1	-	-	
		SCHAKTRÖR KOMPL.							
		DISTANZRING							
		RONDELLE							
		ANILLO							
116	416 13 00	PLATE	Intended for LL	-	-	1	-	-	
		PLATTA							
		PLATTE							
		PLAQUE							
		PLACA PIASTRA							
117	517 55 00	DISTANCE PIPE	Intended for MP, H= 50mm	-	2	-	2	-	
		DISTANSRÖR							
		DISTANZRÖHR							
		TUBE D'ECARTEMENT							
		TUBO DE DISTANCIA TUBO DISTANZIATORE							


		Sump components Equipment du puisard Pumpgropsdetaljer Equipo para pozo negro Schachteinbauteile Componenti per versione			3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
118	82 35 20	PLAIN WASHER	12-A2-A	140	4	-	4	-	-
	82 35 77	RUNDBRICKA	ISO 7089-12		-	-	-	-	4
	82 35 23	SCHEIBE	16-A2-A	140	4	-	4	-	-
	82 35 78	RONDELLE ARANDELA RONDELLA	16-A4-A	140	-	-	-	-	4
120	82 27 28	LOCK NUT	M10-A4-70		2	-	2	-	-
		LÅSMUTTER							
		SICHERUNGSMUTTER							
		ECROU DE BLOCAGE							
		TUERCA DE SEGURIDAD DADO DI BLOCCAGGIO							
121	80 95 07	STUD	10X45-A2-70		2	-	2	-	-
		PINNSKRUV							
		STIFTSCHRAUBE							
		GOUJON							
		ESPARRAGO PRIGIONIERO							
122	433 56 00	COVER			1	-	1	-	-
		LOCK							
		DECKEL							
		COUVERCLE							
		TAPA COPERCHIO							
123	502 53 00	GASKET			1	-	1	-	-
		PACKNING							
		PACKUNG							
		JOINT							
		JUNTA GUARNIZIONE							
125	389 25 02	HEXAGON SCREW	M12X200 10.9 Impeller puller screw		1	-	1	-	1
		SEXKANTSKRUV	F-version						
		SCHRAUBE							
		VIS							
		TORNILLO VITE ESAGONALE							
126	495 27 00	CABLE CLAMP	Intended for MP-version		-	1	-	1	-
		KABELKLÄMMA							
		KLEMME							
		CRAMPON							
		ABRAZADERA FASCETTA							

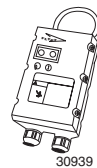
		Sump components Equipment du puisard Pumpgropsdetaljer Equipo para pozo negro Schachteinbauteile Componenti per versione			3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
127	495 26 00	CABLE CLAMP KABELKLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA MP-version	-	1	-	1	-		
128	81 41 14	HEXAGON HEAD SCREW SEKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG BULLONE TESTA ESAG. M8X65-A2-70 MP-version	-	1	-	1	-		
129	82 23 57	HEXAGON NUT SEKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE M8-A2-70 MP-version	-	1	-	1	-		
130	82 35 16	PLAIN WASHER RUNDBRICKA SCHEIBE RONDELLE ARANDELA RONDELLA 8-A2-A 140 MP-version	-	1	-	1	-		
		Installation Installation Aufstellungsart	_T	Installation Instalacion Installazione					
132	82 72 90 82 74 17 82 74 86 82 81 02	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR 124.3X5.7 FPM MT 124.3X5.7-NBR MT 164.3X5.7-NBR LT 164.3X5.7 FPM LT	- 1 1 -	- - - -	- 1 1 -	- - - -	1 - - 1		
133		SUCTION CONNECTION SUGANSLUTNING SAUGANSCHLUSS ORIFICE D'ASPIRATION ORIFICIO DE ASPIRADO CURVA D'ASPIRAZIONE 							


		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
133	303 72 00	MT Medium head DN 100  Undrilled	1	-	1	-	-	
	303 72 01	MT Medium head DN 100  MT Drilled to EN 1092-2 table 8	1	-	1	-	1	
133.1	81 41 55	HEXAGON HEAD SCREW SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE M12X30-A2-70	4	-	4	-	4	
133.2	303 76 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	-	1	-	1	
133.3	303 77 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	-	1	-	1	
133	303 72 02	"MT" Medium head DN 100  Drilled to 1882 Standard	1	-	1	-	-	
133.1	81 41 55	HEXAGON HEAD SCREW SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE M12X30-A2-70	4	-	4	-	4	
133.2	303 76 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	-	1	-	1	


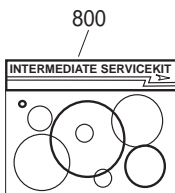
		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
133.3	303 77 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	-	1	-	1	
133	303 72 05	"MT" Medium head DN 100 	1	-	1	-	1	
133.1	81 41 55	HEXAGON HEAD SCREW SEKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	4	-	4	-	4	
133.2	303 76 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	-	1	-	1	
133.3	303 77 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	-	1	-	1	
133	303 85 00	"LT" Low head DN 150 	1	-	1	-	-	
133.1	84 34 03	HEXAGON HEAD SCREW SEKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	4	-	4	-	4	

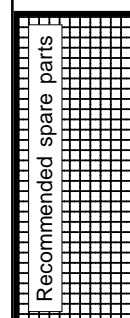
		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
133.2	303 88 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	-	1	-	1	
133.3	303 87 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	-	1	-	1	
133	303 85 06	"LT" Low head DN 150  Drilled to EN 1092-2 Table 8	1	-	1	-	1	
133.1	84 34 03	HEXAGON HEAD SCREW M16X40-A2-70 SEKKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	4	-	4	-	4	
133.2	303 88 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	-	1	-	1	
133.3	303 87 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	-	1	-	1	
133	303 85 02	"LT" Low head DN 150  Drilled to 1882 Standard	1	-	1	-	-	



		Sump components Equipment du puisard Pumpgropsdetaljer Equipo para pozo negro Schachteinbauteile Componenti per versione			3102				
Pos.No.	Part No.	Denomination		Qty / Version					
				090	170	180	890	980	
133.1	84 34 03	HEXAGON HEAD SCREW SEKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M16X40-A2-70	4	-	4	-	4	
133.2	303 87 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA		1	-	1	-	1	
133.3	303 88 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE		1	-	1	-	1	
134	554 21 02 554 21 03 554 21 04 554 21 05 554 21 06 554 30 14	STARTER STARTAPPARAT STARTER DEMARREUR ARRANCADOR AVVIATORE	Current Range 2,5-4 A. Cable 9-18 mm 4-6,3 A. Cable 9-18 mm 6-10 A. Cable 13-20 mm 9-14 A. Cable 18-25 mm 13-18 A.Cable 18-25 mm 6-10 A.	-	-	1	-	-	
				-	-	1	-	-	
				-	-	1	-	-	
				-	-	1	-	-	
				-	-	1	-	-	
				-	-	1	-	-	
				-	-	1	-	-	
162	93 00 77	SHRINK HOSE KRYMPSLANG SCHRUMPFSCHLAUCH TUYAU DE FRETTAGE MANGUERA DE SUNCHADO TUBO DI RIDUZIONE	ID 6,4 (To be used with armoured cable)	*	-	*	-	*	
166	663 85 00	CONNECTION PLATE KOPPLINGSSKYL KUPPLUNGSSCHILD PLAQUE DE BRANCHEM. PLACA DE CONEXION PIASTRA DI COLLEG.	Intended for 7-lead cable	1	-	1	-	-	




		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3102				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	170	180	890	980	
167	628 92 00	EJECTOR PIPE EJEKTORRÖR EJEKTORROHR TUBE EJECTEUR TUBO EYECTOR	1	-	1	-	-	
169	667 40 00	STICKER DEKAL KLEBESTREIFEN RUBAN ADHESIF FRANJA ENCOLADO AUTOADESIVO	2	2	2	2	2	
801	665 90 06	ZINC ANODE SET	-	-	1	-	-	
	665 90 07	MONT.SATS ANODER	-	-	1	-	-	
	665 90 08	ZINKANODENSATZ	-	-	1	-	-	
	665 90 09	JEU D'ANODES EN ZINC	-	-	1	-	-	
	665 90 11	JUEGO DE ANODOS ZINC	-	-	1	-	-	
	665 90 18	SET ANODI DI ZINCO	-	-	1	-	-	

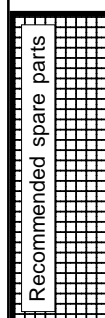
		Recommended spare parts			3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
	800 	I= Intermediate Service Kit; parts for inspection and maintenance I= Intermediate Service Kit; artiklar för inspektion och underhåll I= Intermediate Service Kit; Teile für Kontrolle und Wartung I= Intermediate Service Kit; pièces pour inspection et maintenance I= Intermeiate Service Kit; piezas para inspección y mantenimiento I= Intermediate Service Kit; parti per ispezione e mantenimento							
800	80 32 32	O-RINGS KIT O-RINGSSATS O-RINGS SATZ JEU DE ANN.TORIQUE JUEGO DE ANIL.TORICO KIT ANELLI OR Consisting of;	3102.090,180<40DGG	1	-	1	-	-	
16	82 74 93	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	199.3X5.7-NBR	1	1	1	1	-	
27	82 74 79	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	129,5X3,0-NBR	1	1	1	1	-	
34	82 50 60	LOCK WASHER LÅSBRICKA SICHERUNGSSCHEIBE RONDELLE DE BLOCAGE ARANDELA DE CIERRE RONDELLA DI BLOCCAG.	DUBO NR 301	3	3	3	3	3	
42	82 74 65	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	59,5X3,0-NBR	1	1	1	1	-	
48	82 73 90	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	19.2X3.0 NBR	2	2	2	2	-	



		Recommended spare parts			3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
57	82 74 95	O-RING	219.3X5.7 NBR	1	-	1	-	-	
	82 78 27	O-RING	174,6X6,99 NBR	1	-	1	-	-	
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR							
58	82 74 90	O-RING	184.3X5.7 NBR	-	1	-	1	-	
		O-RING							
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR							
90	82 74 94	O-RING	209,3X5,7-NBR	1	-	1	-	-	
		O-RING							
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR							
	900		B= Basic Repair Kit; parts for major overhaul B= Basic Repair Kit; artiklar för större genomgång B= Basic Repair Kit; Teile für Generalüberholung B= Basic Repair Kit; pièces pour révision complète B= Basic Repair Kit; piezas para revisiones importantes B= Basic Repair Kit; parti per revisioni complete						
900	601 89 05	BASIC REPAIR KIT		1	-	1	-	-	
	601 89 06	GRUNDREPARATIONSSATS		1	-	1	-	-	
	601 89 36	GRUNDREPARATURSATZ KIT PALIER JUEGO BASICO DE REP. KIT DI RIPARAZIONE		1	-	1	-	-	
	601 89 05	Consisting of;							
17	83 15 73	BALL BEARING	6305 Z/C3 25X62X17	1	1	1	1	1	
		KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE							

Recommended spare parts

		Recommended spare parts			3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
41	83 36 90	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	3305A C3 25X62X25,4	1	1	1	1	1	
44	592 01 01	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	CSB/AL2O3-TYPE O	1	1	1	1	-	
53	592 01 06	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	Al ₂ O ₃ /WCCR-TYPE O	1	1	1	1	-	
800	80 32 32	O-RINGS KIT O-RINGSSATS O-RINGS SATZ JEU DE ANN.TORIQUE JUEGO DE ANIL.TORICO KIT ANELLI OR	3102.090,180<40DGG	1	-	1	-	-	
	601 89 06	Consisting of;							
17	83 15 73	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	6305 Z/C3 25X62X17	1	1	1	1	1	
41	83 36 90	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	3305A C3 25X62X25,4	1	1	1	1	1	
44	592 01 03	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	WCCR/WCCR-TYPE O	1	1	1	1	1	






Recommended spare parts

3102

Pos.No.	Part No.	Denomination	Qty / Version				
			090	170	180	890	980
53	592 01 04	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	1	1	1	1	1
800	80 32 32	O-RINGS KIT O-RINGSSATS O-RINGS SATZ JEU DE ANN.TORIQUE JUEGO DE ANIL.TORICO KIT ANELLI OR	1	-	1	-	-
	601 89 36	Consisting of;					
17	83 15 73	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	1	1	1	1	1
41	83 36 90	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	1	1	1	1	1
44	592 01 01	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	1	1	1	1	-
53	592 01 04	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	1	1	1	1	1
800	80 32 32	O-RINGS KIT O-RINGSSATS O-RINGS SATZ JEU DE ANN.TORIQUE JUEGO DE ANIL.TORICO KIT ANELLI OR	1	-	1	-	-

Recommended spare parts

		Parts for Service			3102				
Pos.No.	Part No.	Denomination	Qty / Version						
			090	170	180	890	980		
	90 17 52	PARAFFIN OIL PARAFFINOLJA PARAFFINÖL HUILE DE PARAFFINE ACEITE DE PARAFINA OLIO DI PARAFFINA	1.0 litre.	1	1	1	1	1	
	90 20 54	BEARING GREASE LAGERFETT LAGERFETT GRAISSE A ROULEMENT GRASA DE COJINETE GRASSO CUSCINETTI	ESSO UNIREX N3 0.012 (Upper bearing= 0.012 kg Lower bearing 0.025 kg)	*	*	*	*	*	
	84 15 30	CARTRIDGE GUN PATRONPISTOL PATRONENPISTOLE PISTOLE CARTOUCHE PISTOLA CARTUCHO		*	*	*	*	*	
	457 89 00	MOUNTING TOOL MONTERINGSVERKTYG MONTAGEWERKZEUG OUTIL DE MONTAGE UTIL DE MONTAJE ATTREZZO MONTAGGIO		1	1	1	1	-	
		Tools	Range of use						
	82 04 90	HEX.SOCKET HD SCREW	M8X120 See 841362 PULLER	*	-	*	-		
	84 08 67	CABLE LUG PLIERS	0.5-6 mm2 CONNECTION SLEEVES	*	*	*	*		
	84 10 16	RATCHET HANDLE	1/2" DRIVE SOCKETS	*	*	*			
	84 11 56	COMBINATION WRENCH	N=41mm Cable entry (WHEN CABLE O.D.=12.5-20MM)	-	*	*	-		
	84 11 35	COMBINATION WRENCH	N=8mm OUTER EARTHING SCREW	*	*	*	*		
	84 13 04	HEXAGON BIT ADAPTOR	N=6mm JUNCTION BOX COVER	*	*	*	*		
	84 13 05	HEXAGON BIT ADAPTOR	N=8mm IMPELLER SCREW, LIFT HANDLE	*	*	*	*		
	84 13 06	HEXAGON BIT ADAPTOR	N=10mm STATOR-PUMP HSG.	*	*	*	*		

Parts for Service



Parts for Service

3102

Pos.No.	Part No.	Denomination	Qty / Version				
			090	170	180	890	980
	84 13 62	PULLER COMPL. SPRD250/RCH200 IMP.: D, MT 430-435 Together with Hex.socket HD screw 820490	*	-	*	-	
	84 13 87	SOCKET WRENCH N=13mm F-PUMP'S SUCTION COVER	*	-	*	-	
	84 13 95	SOCKET WRENCH N=16mm PROTECTIVE PLUG, OIL PLUG	*	*	*	*	
	84 14 76	HEXAGON BIT ADAPTOR N=5mm (LONG) OIL HSG. BOTTOM, TERMINAL HOLDER	*	*	*	*	
	84 15 55	EXTENSION BAR 1/2" DRIVE IMPELLER SCREW	*	-	*	-	
	84 15 66	TORQUE WRENCH 0-137Nm TORQUE TIGHTENING	*	*	*	*	
	84 16 50	SCREWDRIVER TIP=1.2X8.0mm CABLE CLAMP (WHEN CABLE O.D.=20-23.5mm)	-	*	*	-	
	84 16 58	SCREWDRIVER TIP=0.4X4.0mm TERMINAL	*	*	*	*	
	84 16 73	SCREWDRIVER TIP=1.6X10.0mm CLS REMOVAL/FITTING	-	*	*	-	
	84 20 48	PULLER COMPL. 100SPREAD/100REACH SUPPORT BEARING	*	*	*	*	
	216 68 00	SPECIAL PLIER ROTATING SEAL UNIT	*	*	*	*	
	249 92 02	IMPELLER PULLER CROSS L=123-150mm IMPELLER: LT 440-442	*	-	*	-	
	295 72 02	IMPELLER PULLER CROSS L=98-132mm IMPELLER: LT 410-412	*	-	*	-	
	303 60 00	IMPELLER PULLER CROSS L=72-100mm IMPELLER: MT 436-438	*	-	*	-	
	344 13 00	IMPELLER PULLER CROSS L=50-80mm IMPELLER: HT	*	-	*	-	
	389 25 02	HEXAGON SCREW SCREW M12-7.5X200mm IMPELLER: F	*	-	*	-	
	394 69 00	STATOR PULLER I.D.=130-170mm STATOR HANDLING	*	*	*	*	
	398 21 00	MOUNTING SOCKET L=15-185mm STATIONARY SEAL RING	*	*	*	*	
	457 89 00	MOUNTING TOOL GRIP RING SEALS	*	*	*	*	
	466 97 01	BEARING PULLER MAIN BEARING REMOVAL/FITTING	*	*	*	*	

Parts for Service

NOTES

A large rectangular area with a solid top border and a solid bottom border. The interior is filled with horizontal dashed lines, providing a template for writing notes.



www.flygt.com