



# Parts list

3170

Detaljlista  
Ersatzteilliste  
Liste des pièces de rechange  
Lista de piezas de repuesto  
Lista parti di ricambo





**Content  
Innehåll  
Inhalt**



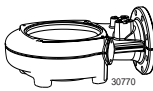
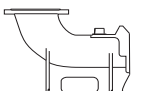
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**3170**

**3170.090: 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 II Div.1**






**3170.180: Standard**

**3170.980: Industrial version**

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**Exploded views with item Nos.  
Sprängteckningar med pos. nr.  
Explosionszeichnungen mit Pos. - Nrm.**

**Vues éclatées de la pompe avec N°s de repérage  
Despieces numeros de pos.  
Disegno esploso con No di posizione.**

Motor parts		10-12
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Open order quantity

\* \* \* \*

**(N P 3170.180 MT)**

HYDRAULIC PART  
HYDRAULDEL  
HYDRAULIKTEILE  
PARTE HYDRAULIQUE  
PARTE HIDRÁULICAS  
PARTI IDRAULICHE

INSTALLATION  
INSTALLATION  
AUFSTELLUNGSART  
INSTALLATION  
INSTALACIÓN  
INSTALLAZIONE

HEAD  
TRYCK  
DRUCK  
PRESSION  
PRESIÓN  
REVALENZA

**HYDRAULIC PART**  
**HYDRAULDEL**  
**HYDRAULIKTEILE**



**PARTE HYDRAULIQUE**  
**PARTE HIDRÁULICAS**  
**PARTI IDRAULICHE**

## C

**(CP, CS, CT, CZ)**

Shrouded single or multi-vane impeller with large throughlets in volute, for liquids in suspension and fibres.

**(CP, CS, CT, CZ)**

Täckt en- eller flerkanalhjul med stort genomlopp i pump-hus. För vätskor innehållande suspenderade fasta partiklar och fibrer.

**(CP, CS, CT, CZ)**

Geschlossenes Ein- oder Mehrkanalrad im Spiralgehäuse für Flüssigkeiten mit faser- und feststoffhaltige Anteile.

**(CP, CS, CT, CZ)**

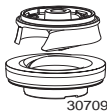
Roue fermée à canal ou à multi-canaux avec grand section de passage en volute pour des liquides contenant des matières à fibres longues ou des corps solides en suspension.

**(CP, CS, CT, CZ)**

Impulsor cerrado, de uno o varios canales, con gran paso de sólidos para líquidos que contengan sólidos en suspensión (aguas residuales urbanas).

**(CP, CS, CZ)**

Girante chiusa mono o multicanale in voluta per fanghi ed aque di scarico contenenti materiali fibrosi e solidi.



## N

**(NP, NS)**

Semi-open self-cleaning multi-vane impeller and volute with cleaning groove for pumping of raw sewage, sludge and liquid manure.

**(NP, NS)**

Halvöppet självrensande flerkanalhjul och pumphus med rensspår för pumpning av orenat avloppsvatten, avloppsslam och flytgödsel.

**(NP, NS)**

Offenes, selbstreinigendes Mehrkanalrad im Pumpengehäuse mit Entlastungsnut für kommunales und industrielles Abwasser mit hohem Faser- und Feststoffanteil.

**(NP, NS)**

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.

**(NP, NS)**

Impulsor semi-abierto auto limpiante de dos canales y difusor con ranura limpiante para bombeo de agua residual bruta, lodos y purines líquidos.

**(NP, NS)**

Girante aperta bicanale autopulente, per fanghi ed aque di scarico contenenti materiali fibrosi e solidi.



**Sales codes**  
**Säljkoder**  
**Verkaufscodes**

**Codes de vente**  
**Código de ventas**  
**Codici di vendita**

**3170**

**HEAD**  
**TRYCK**  
**DRUCK**

**LT=** Low-head version  
Lågtrycksutförande  
Niederdruckausführung  
Curve Nos: (50 Hz: 601, 602, 603 and 604, )  
(60 Hz: 603, 604, 606 and 607 )

**MT=** Medium-head version  
Medeltrycksutförande  
Mitteldruckausführung  
Curve Nos: (50Hz: 440 and 441. N-MT: 430, 431, 432, 635, 636 and 637)  
(60 Hz: 442 and 443. N-MT: 637, 638 and 639)

**HT =** High-head version  
Högtrycksutförande  
Hochdruckausführung  
Curve Nos: (50Hz: 460, 461 and 462, )  
(60 Hz: 463 and 464)

**PRESSION**  
**PRESIÓN**  
**PREVALENZA**

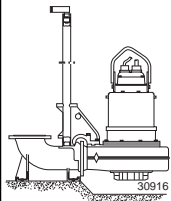
Modèle basse pression  
Modelo de baja altura de elevación  
Versione per grande portata

Modèle moyenne pression  
Modelo de altura media de elevación  
Versione per media prevalenza

Modèle haute pression  
Modelo de gran altura de elevación  
Versione per alta prevalenza

**INSTALLATION**  
**INSTALLATION**  
**AUFSTELLUNGSART**

**INSTALLATION**  
**INSTALACIÓN**  
**INSTALLAZIONE**



**P** = Semi permanent wet well arrangement with pump installed on twin guide bars with automatic connection to discharge.

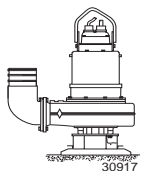
Halvstationär våt installation med pumpen fäst vid två gejdror och med automatisk anslutning till utloppsrioret.

Stationär, nass mit schraubenlosem Kupplungssystem an Doppelführungsrohr.

Permanente, installation immergée. Deux barres de guidage permettent la connexion automatique sur un pied d'assise.

Instalación fija extraíble, sumergida y con tubos guía. Acoplamiento por su propio peso a la conexión de descarga.

Installazione semifissa in immersione, con piede di accoppiamento automatico e tubi guida.



**S** = Transportable version with hose coupling or flange for connection to discharge pipeline.

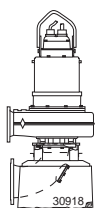
Flyttbar version med slangkoppling eller fläns för anslutning till utloppsrioredning.

Transportabel, nass mit Flanschanschluss für Rohrleitung oder mit Druckstutzen für Schlauchanschluss.

Version transportable avec raccord de tuyau souple ou bride pour canalisation rigide.

Instalación transportable, con salida para manguera y colador.

Installazione trasportabile, in immersione, con cavalletto di sostegno e attacco per tubo di mandata flessibile o rigido.



**T** = Permanent dry well or in-line arrangement with flange connection to suction and discharge pipework; vertical mounting.

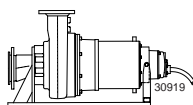
Stationär torr installation med flänsanslutningar till sug- och tryckledningarna; vertikal uppställning.

Stationär, trocken mit Saugrohreinheit, saug- und druckseitig fest verschraubt, vertikale Aufstellung.

Permanente, installation hors d'eau avec raccordement à bride à l'aspiration et au refoulement. Version verticale.

Instalación fija, en cámara seca, sobre punto de apoyo. Aspirando de pozo húmedo con codo de aspiración. Montaje vertical.

Installazione fissa in camera asciutta su basamento e collegamento diretto con le tubazioni di aspirazione e mandata; montaggio verticale.



**Z** = Permanent dry well or in-line arrangement with flange connection to suction and discharge pipework; horizontal mounting.

Stationär torr installation med flänsanslutningar till sug- och tryckledningarna; horisontell uppställning.

Stationär, trocken mit Saugrohreinheit, saug- und druckseitig fest verschraubt, horizontale Aufstellung.

Permanente, installation hors d'eau avec raccordement à bride à l'aspiration et au refoulement. Version horizontale.

Instalación fija en cámara seca sobre bastidor de perfiles. Montaje horizontal.

Installazione fissa in camera asciutta su basamento e collegamento diretto con le tubazioni di aspirazione e mandata; montaggio orizzontale.



**Sales codes**  
**Säljkoder**  
**Verkaufscodes**

**Codes de vente**  
**Código de ventas**  
**Codici di vendita**

**3170**

### **Rubber Material**

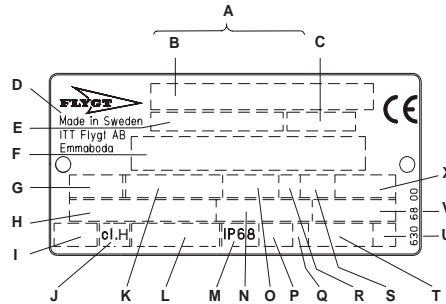
**NBR** Nitrile rubber  
**FPM** Fluor rubber (Hot water up to 90°C, 194°F)

### **Sensores**

**FLS** Leakage detector unit  
**CLS** Capacity level sensor

### **Seal ring Material**

**WCCR** Corrosion Resistant Cemented Carbide  
**RSiC** Silicon Carbide  
**Al<sub>2</sub>O<sub>3</sub>** Aluminium Oxide  
**CSb** Carbon



**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 Seriennummer
- 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 Driftfaktor
- 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 / Propellerkode
- D Herstellungsland
- E Produkt-Nr
- F Kompletierende Angaben
- G Phasenzahl; Stromart; Frequenz
- H Nennspannung
- I Thermischer Schutz
- 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

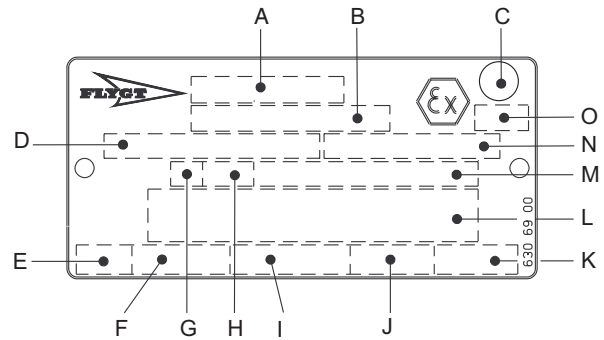


**Approval plate**  
**Godkännandeskylt**  
**Prüfschild**

**Plaque d'agrément**  
**Placa de aprobación**  
**Targhetta di approvazione**

**3170**

**EN:** European Norm  
ATEX Directive  
European standards EN 50014, EN 50018 and  
EN 1127-1  
EEx d II B T4 for ambient temperatures  $\leq 40^{\circ}\text{C}$



**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. + Godkännandenummer
- 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 Abbreiẗzeit
- F Anlaufstrom / Nennstrom
- G Betriebsklasse
- H Relative Einschaltdauer
- I Aufgenommene Leistung
- J Nenndrehzahl
- K Kontrollstelle
- L Komplettierende Angaben
- M Max. Umgebungstemperatur
- N Seriennummer
- O ATEX Markierung

**Placque 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 thermostones
- 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

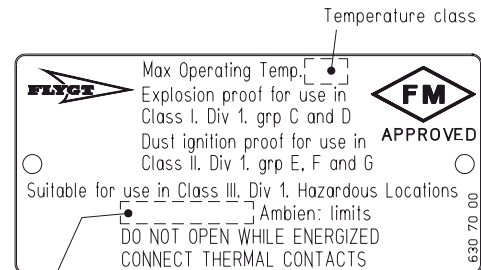
**Placa de aprobación**

- 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 Marcado 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 Marcatatura ATEX

**FM:** Factory Mutual according to standard 3615 as:  
Class I Div. I Grp C and D  
Class II and III Div. I Grp E, F and G  
Temperature class: T4 for ambient temperatures  $\leq 40^{\circ}\text{C}$



Max. ambient temperature





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

**3170**

#### **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 service-personal 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.

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### **Guarantee** **Garanti**

### **Garantie** **Garantie**

### **Garanzia** **Garantía**

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#### **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.

#### **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.

#### **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.

#### **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.

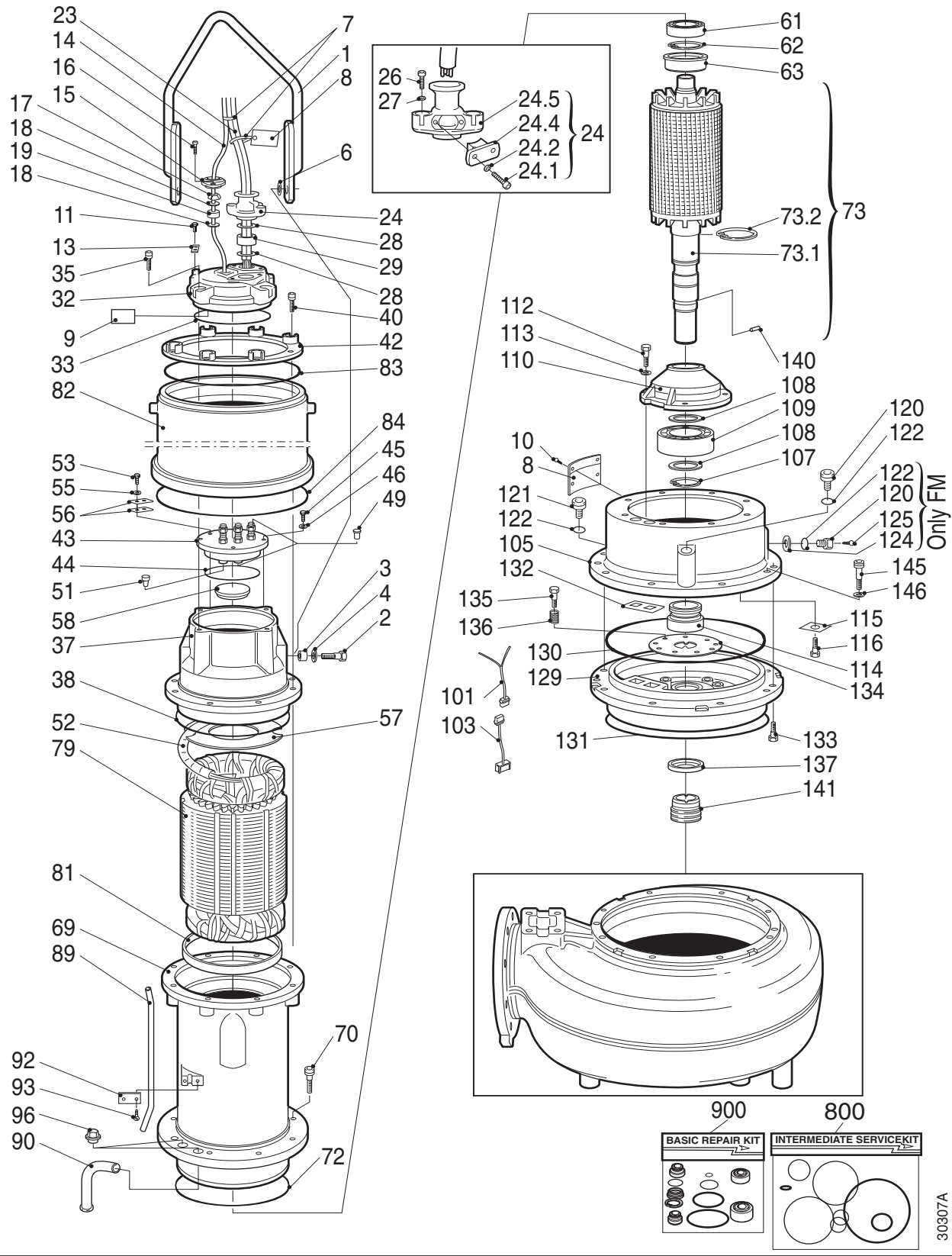
#### **Condizioni di garanzia**

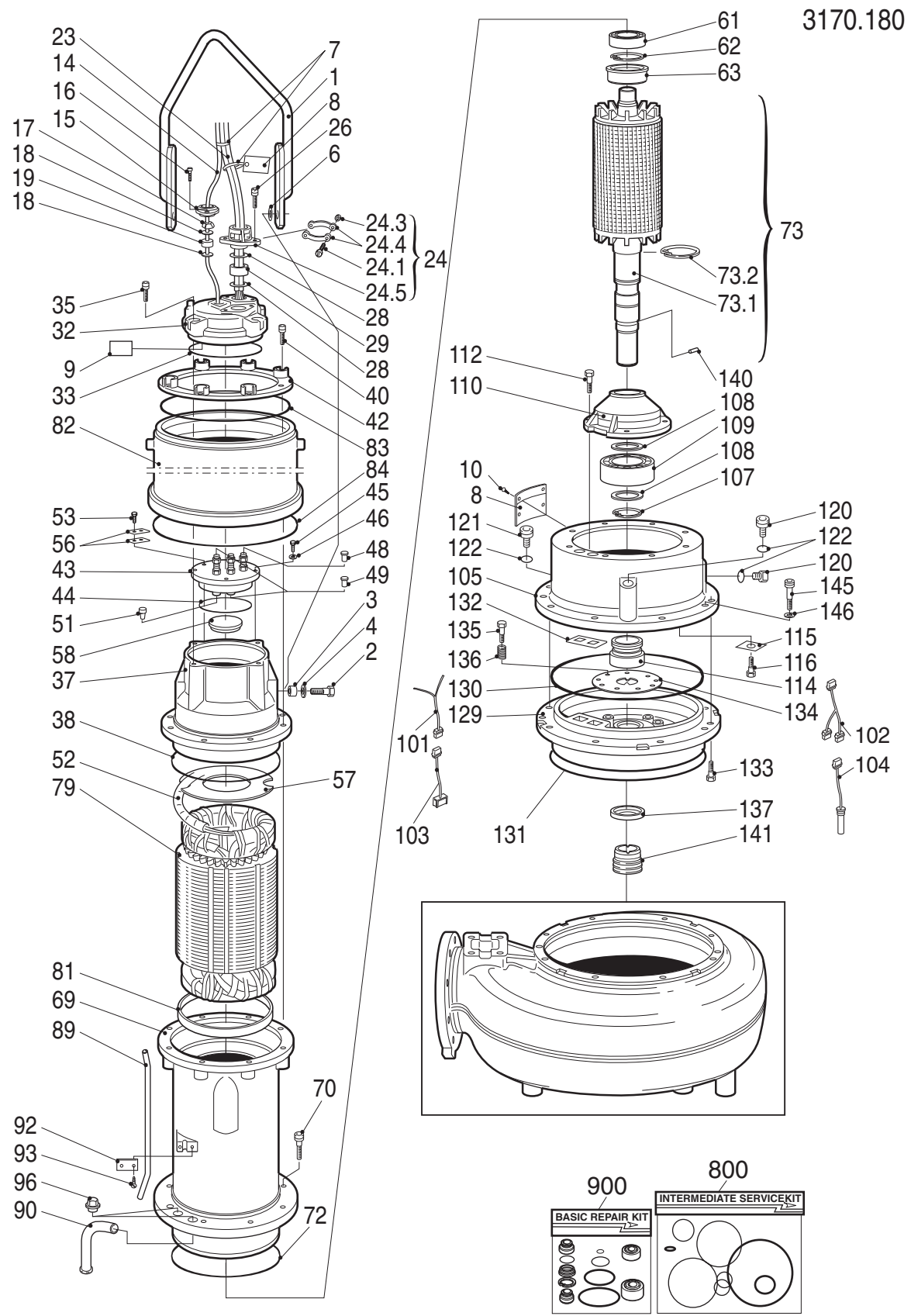
Le elettropompe ITT Flygt sono prodotti di qualità per i quali è prevista una durata di esercizio lunga e affidabile. Qualora fosse necessario presentare reclamo durante il periodo di garanzia, contattare il rappresentante ITT Flygt più vicino.

#### **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.

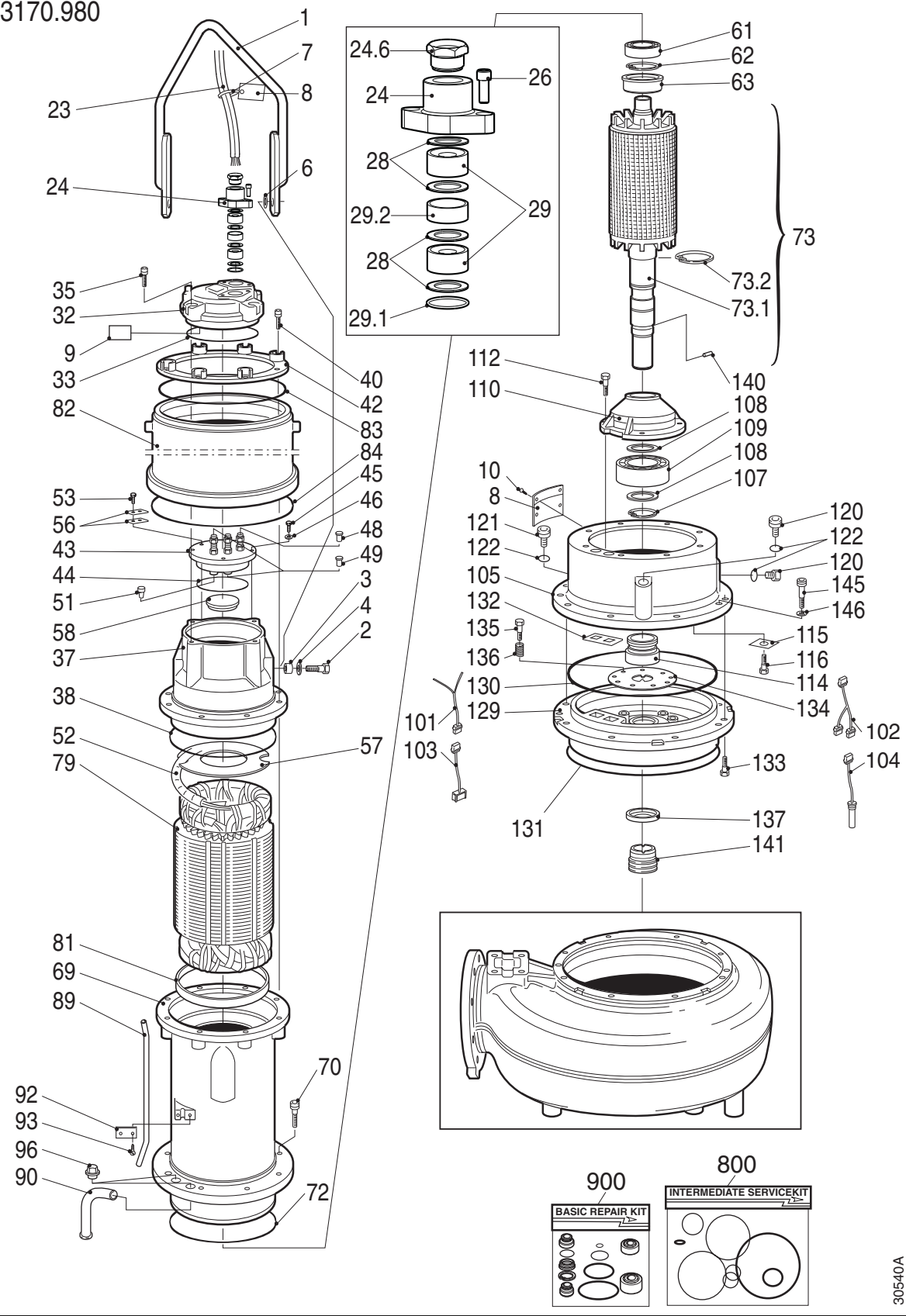
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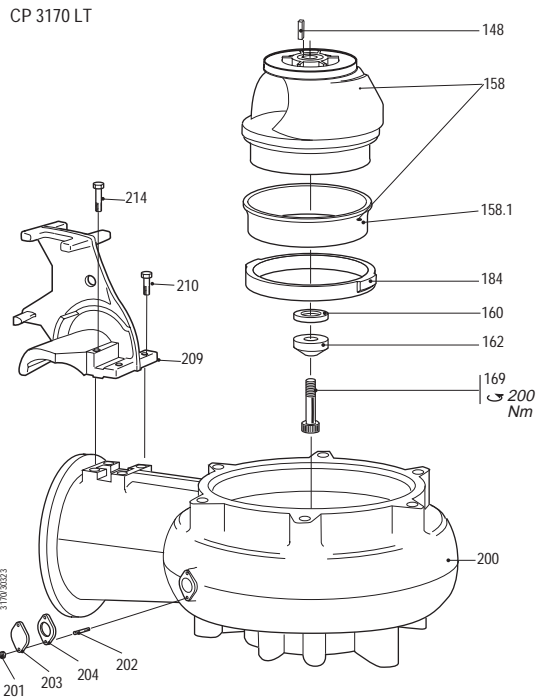
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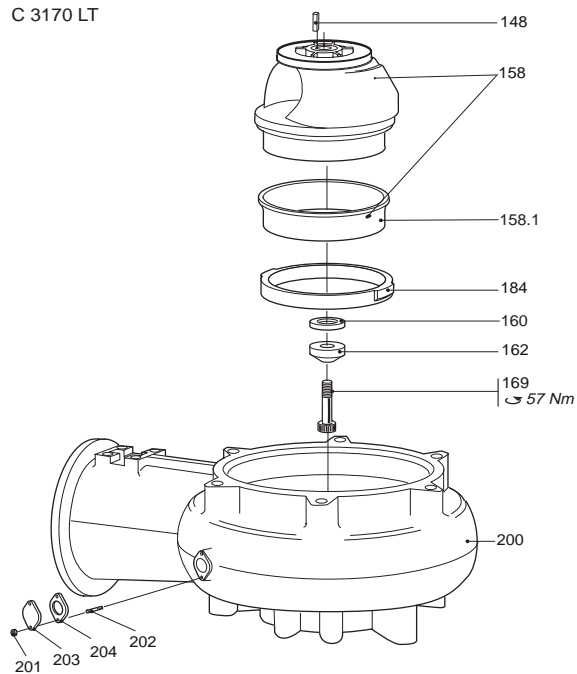


30540A

- Curve No **601**
- Kurva nr. **602**
- Kurve Nr. **603**
- Courbe N° **604**
- Curvas N° **606**
- No curva **607**



- Curve No **601**
- Kurva nr. **602**
- Kurve Nr. **603**
- Courbe N° **604**
- Curvas N° **606**
- No curva **607**

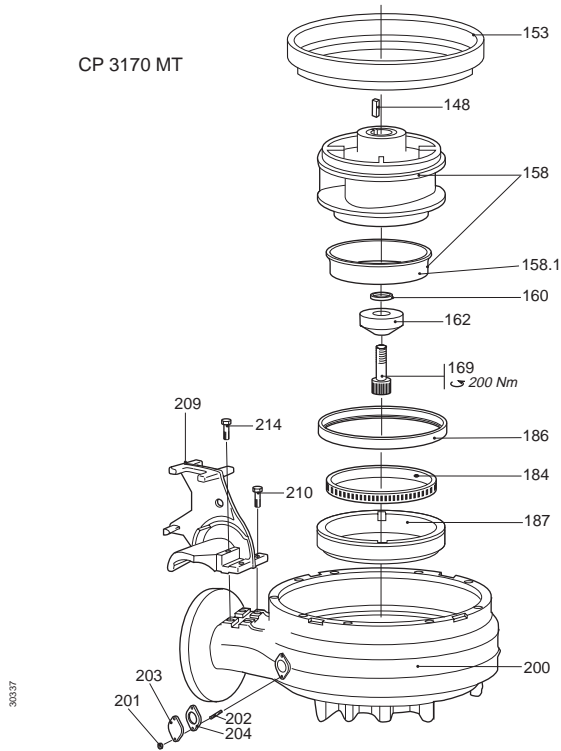


30324

Hydraulic Parts

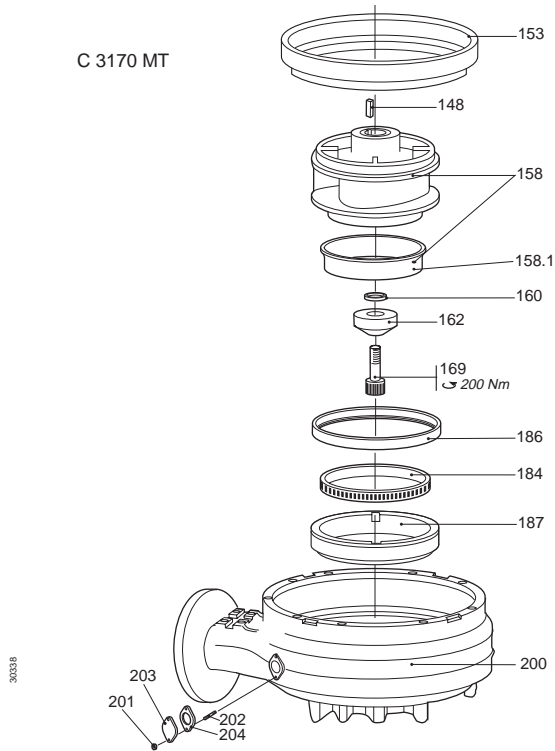
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CP 3170 MT



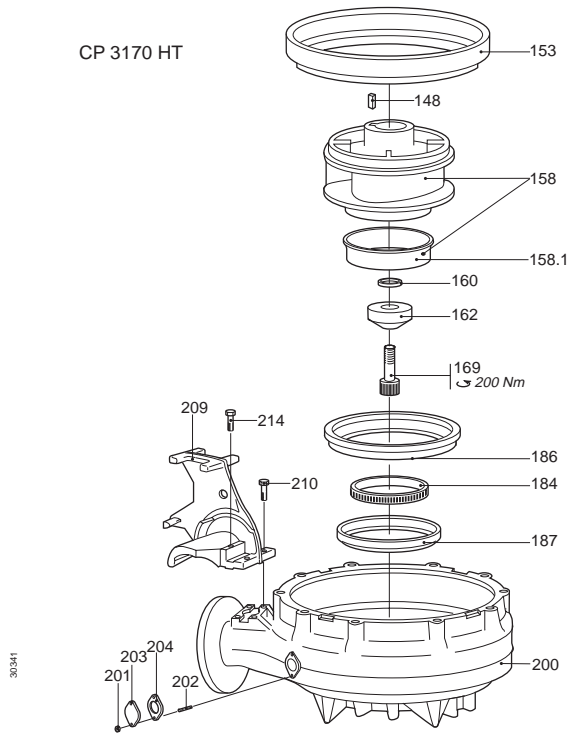
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C 3170 MT



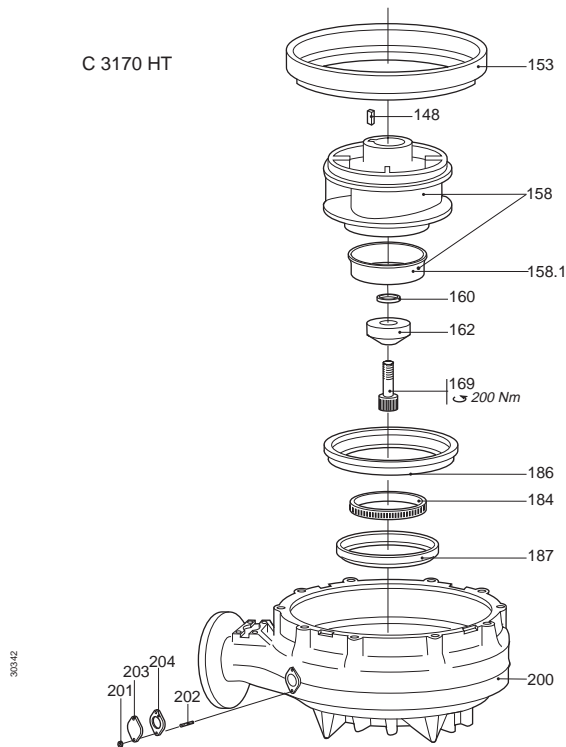
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CP 3170 HT



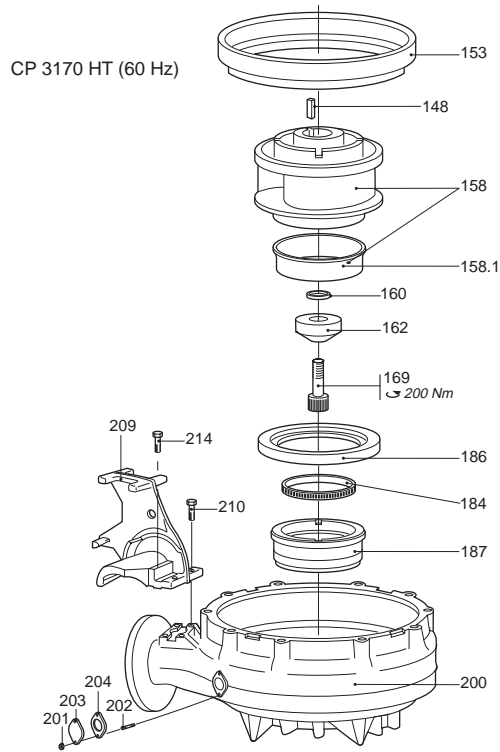
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C 3170 HT

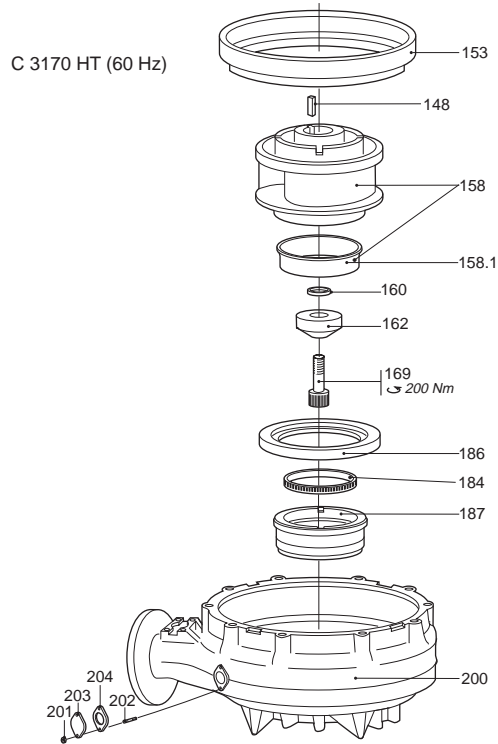


Hydraulic Parts

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 Courbe N°  
 Curvas N°  
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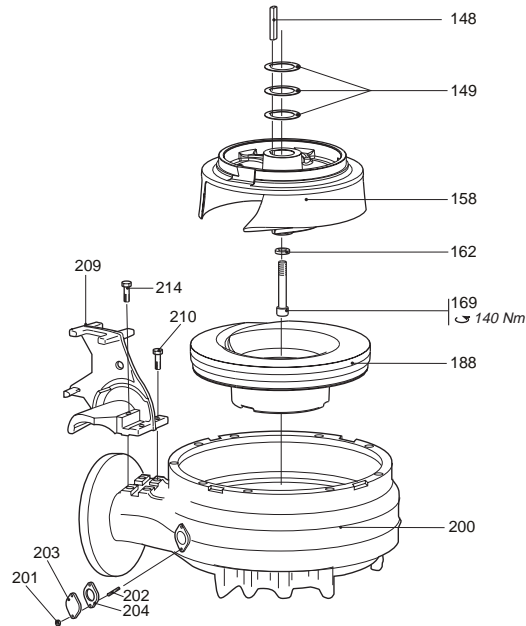
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NP 3170 MT

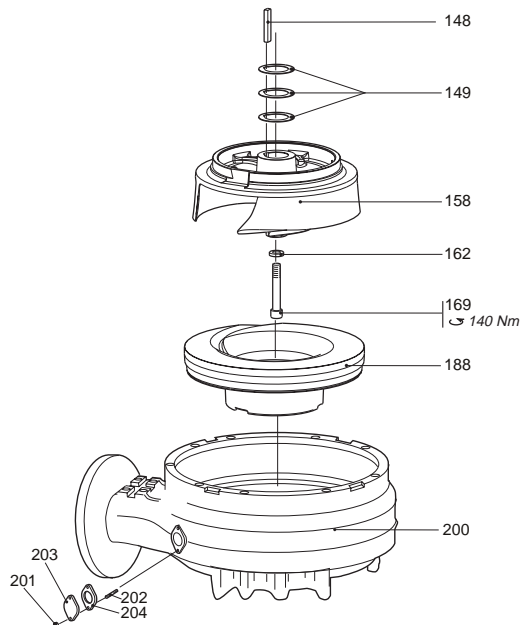
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- 638**
- 639**



30568

N 3170 MT

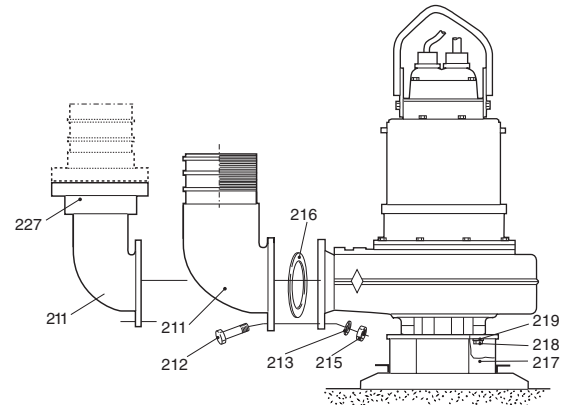
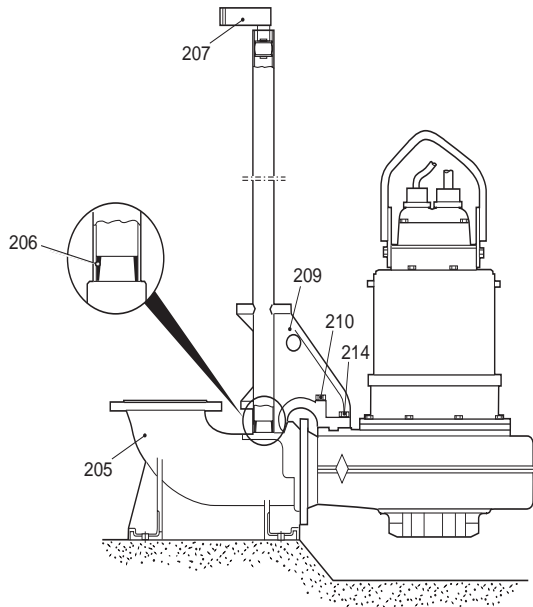
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- Courbe N° **635**
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- 639**



30569

CP 3170.090/180

CS/NS 3170.090/180

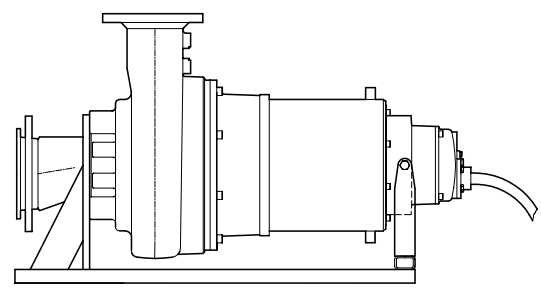
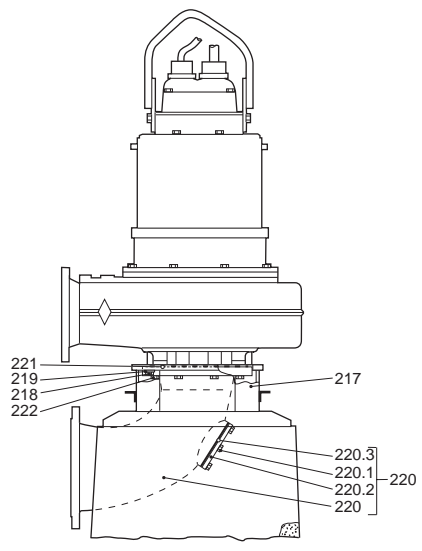


30379

30380

CT 3170.090/180


CZ 3170.090/180






30381



30371


Sump Components


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
1	395 52 00 396 42 00	LIFTING HANDLE COMPL LYFTBYGEL KOMPL. HEBEBUEGEL KOMPL. ETR.D'ELEVER.COMPL. ABRAZ.DE ELEV.COMPL. MANIGLIA SOLL.COMPL.	- 1	- 1	1 -	
2	81 55 40 82 01 07 84 34 05	HEXAGON HEAD SCREW SEKKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M16X50-A4-70 M16X50-A2-70 M16X50-A2-70	- 2 -	- - 2	2 - -
3	648 40 00	SLEEVE HYLSA HÜLSE DOUILLE MANGUITO BUSSOLA		2	2	2
6	83 38 91	DISC SPRING TALLRIKSFJÄDER TELLERFEDER RESSORT A'DISQUE RESORTE DE PLATILLO MOLLA A DISCO	B-40X20.4X1.5-1	2	2	2
7	83 45 51 83 45 59	CABLE TIE BUNTBAND KABELBINDER COLLIER DE CABLE COLLAR DE CABLE COLLARE PER CAVO	200X2,4 PA 6/6 -55+105	- 1	8 1	- 1
8	431 87 00 630 68 00 630 69 00 630 70 00 630 76 00	INSTRUCTION PLATE INSTRUKTIONSSKYLT INSTRUKTIONSSCHILD PLAQUE D'INSTRUCTION PLACA DE INSTRUCCION TARGA DI ISTRUZIONE	USE 6306801 AS SPARE PAR EX FM APPROVED HOT WATER PRODUCT	1 1 1 1 -	- 1 - - 1	- 1 - - 1
9	426 67 00 426 71 00 426 75 00 550 21 00 550 22 00	INSTRUCTION PLATE INSTRUKTIONSSKYLT INSTRUKTIONSSCHILD PLAQUE D'INSTRUCTION PLACA DE INSTRUCCION TARGA DI ISTRUZIONE	(FLS+CLS) (FLS)	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	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
9	550 23 00 550 24 00	INSTRUCTION PLATE INSTRUKTIONSSKYL INSTRUKTIONSSCHILD PLAQUE D'INSTRUCTION PLACA DE INSTRUCCION TARGA DI ISTRUZIONE	(CLS)	- 1	1 1	1 1
10	82 20 88 82 21 73	DRIVE SCREW DRIVSKRUV TREIBSCHRAUBE VIS FILETANTE TORNILLO VITE AUTOFILETTANTE	4X5-A2-70 4X5-A4-70	4 -	4 -	- 4
11	249 88 04	EARTHING SCREW SKYDDSLEDARSKRUV ERDUNGSSCHRAUBE VIS DE TERRE TORNILLO DE TIERRA VITE DI TERRA		2	-	-
13	279 29 00	EARTHING PLATE SKYDDSLEDARPLATTA ERDUNGSPLATTE PLAQUE DE TERRE PLACA DE TIERRA PIASTRA DI TERRA		1	-	-
14	94 20 76	CONTROL CABLE MANÖVERKABEL STEUERKABEL CABLE AUXILIAIRE CABLE AUXILIAR CAVO AUSILIARIO		-	*	-
15	411 27 00 413 70 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	Intended for aux. cable	1 -	- 1	- -


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
16	81 41 04	HEXAGON HEAD SCREW SEKKANTSKRUV SECHSKANTSCHRAUBE VIS A T,TE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M8X20-A2-70	-	2	-
17	398 98 00 398 98 03	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	PA 12, 10-12 mm PA 12, 16-17 mm	- 1	1 -	- -
18	82 40 84	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	14.5X35X2-A2-70	-	2	-
19	84 35 66	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO	(10)-12 mm	-	1	-
23		MOTOR CABLE MOTORKABEL MOTORKABEL CABLE DE MOTEUR CABLE DEL MOTOR CAVO DI POTENZA				
	94 19 76	SIH-J 4X2.5 mm <sup>2</sup> , max 90°C (194°F)(41) -42 mm		-	*	-
	94 19 77	SIH-J 4X6 mm <sup>2</sup> , max 90°C (194°F) -14 mm		-	*	-
	94 19 78	SIH-J 4X10 mm <sup>2</sup> , max 90°C (194°F) -20 mm		-	*	-
	94 20 45	SUBCAB 4G 10 mm <sup>2</sup> , max 70°C (158°F)(23) -25,5 mm		*	*	-
	94 20 46	SUBCAB 750V RN 4G16 mm <sup>2</sup> , max 70°C (158°F)(26,0) -28.0 mm		*	-	-
	94 20 47	SUBCAB 750V RN 4G25 mm <sup>2</sup> , max 70°C (158°F)(32,5) -34.5 mm		*	*	-
	94 20 56	SUBCAB 4G6+2X1.5 mm <sup>2</sup> , max 70°C (158°F)(23) -25 mm		*	*	*
	94 20 57	SUBCAB 4G10+2X1,5 mm <sup>2</sup> , max 70° (158°F)(26) -28 mm		*	*	*
	94 20 58	SUBCAB 4G16+2X1,5 mm <sup>2</sup> , max 70° (158°F)(26) -28 mm		*	*	-
	94 20 60	SUBCAB 4G4+2X1.5 mm <sup>2</sup> , max 70°C (158°F)(20) -22mm		-	*	*
	94 20 62	SUBCAB750 RN 4G25+2X1,5 mm <sup>2</sup> , max 70°C (158°F)(32.5) -34.5 mm		*	*	-
	94 20 80	SUBCAB 7G4+2X1.5 mm <sup>2</sup> , max 70°C (158°F)(22) -26 mm		*	*	*
	94 20 81	SUBCAB 7G6+2X1,5mm <sup>2</sup> , max 70°C (158°F)(24) -28 mm		*	*	*


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
23	94 20 82	SUBCAB 7G2,5+2X1,5mm <sup>2</sup> , max 70°C (158°F)(20) -23 mm		*	*	*
	94 21 06	SUBCAB 10AWG/3-2-1-GC, max 70°C (158°F)(20) -22 mm		*	*	-
	94 21 08	SUBCAB 8AWG/3-2-1-GC, max 70°C (158°F)(27) -29 mm		*	*	-
	94 21 09	SUBCAB 6AWG/3-2-1-GC, max 70°C (158°F)(30) -32 mm		*	*	-
	94 21 10	SUBCAB 4AWG/3-2-1-GC, max 70°C (158°F)(33) -35 mm		*	*	*
	94 21 11	SUBCAB 1 AWG/3-2-1-GC, max 70°C (158°F)(40.7) -42.7 mm		-	*	-
24	394 77 91	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	12-14 mm	-	2	-
24.1	81 73 63	SLOTTED SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO		-	2	-
24.3	82 23 55	HEXAGON NUT SEKKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE		-	2	-
24.4	306 77 28	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA		-	2	-
24.5	384 86 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO		-	1	-
24	597 87 01	CABLE ENTRY UNIT	Prepared for metal hose ISO-G1 1/4" SS	-	-	1
	597 87 04	INFÖRINGSENHET	Prepared for metal hose ISO-G2" SS	-	-	1
	597 87 11	KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	Prepared for metal hose 1 1/2"- 11.5 NPT	-	-	1


		<b>Motor parts</b> <b>Motordetaljer</b> <b>Motorteile</b>	<b>Pièces du moteur</b> <b>Piezas del motor</b> <b>Parti motore</b>	<b>3170</b>		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
24.6	633 11 01	GLAND SCREW	-	-	1	
	633 11 04	HYLSSKRUV VERSCHRAUBUNG ECROU DE SERRAGE TORNILLO DE CAMISA VITE DI SERRAGGIO	Intended for 597 87 01 Intended for 597 87 11	-	-	1
24.16	640 31 03	NIPPLE NIPPEL NIPPEL RACCORD RACOR NIPPLO	Intended for metal hose	-	-	1
24	435 56 00	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	18-24 mm	2	-	-
24.1	82 00 17	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA		2	-	-
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA		2	-	-
24.3	381 42 00	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA		1	-	-
24.5	432 59 01	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO		1	-	-


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
24	435 56 01	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	22-28 mm	2	-	-
24.1	82 00 17	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA		2	-	-
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA		2	-	-
24.4	381 42 01	CLAMP KLÄMSTYCKE KLAMMER CRAMPON ABRAZADERA FASCETTA		1	-	-
24.5	432 59 01	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO		1	-	-
24	431 81 00	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	28-35 mm	2	-	-
24.1	82 00 17	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA		2	-	-





		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
24.2	82 48 58	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	2	-	-	
24.6	381 42 01	CLAMP KLÄMSTYCKE KLAMMER CRAMPON ABRAZADERA FASCETTA	1	-	-	
24.5	432 59 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	
24	431 81 03	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	1	-	-	
24.1	82 00 17	SOCKET HEAD SCREW SEKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	-	-	
24.4	381 42 04	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	1	-	-	
24.5	432 59 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	-	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170			
Pos.No.	Part No.	Denomination	Qty / Version				
			090	180	980		
24	394 77 10	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO		12-28 mm	-	2	-
24.1	81 73 63	SLOTTED SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO	-		2		-
24.3	82 23 55	HEXAGON NUT SEKKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE	-		2		-
24.4	306 77 20	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	-		2		-
24.5	384 86 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	-		1		-
24	394 77 11	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO		22-32 mm	-	2	-
24.1	81 73 63	SLOTTED SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO	-		2		-


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170			
Pos.No.	Part No.	Denomination	Qty / Version				
			090	180	980		
24.3	82 23 55	HEXAGON NUT SEKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE	-	2	-		
24.4	306 77 21	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	-	1	-		
24.5	384 86 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	-	1	-		
24	394 77 12	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO		32-35 mm	-	1	-
24.1	81 73 64	SLOTTED SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO	-	2	-		
24.3	82 23 55	HEXAGON NUT SEKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE	-	2	-		
24.5	384 86 00	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	-	1	-		

		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
24	394 77 13	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	40.7-42.7 mm	-	1	-
24.1	81 73 65	SLOTTED SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO		-	2	-
24.3	82 23 55	HEXAGON NUT SEKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE		-	2	-
24.4	306 77 22	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA		-	2	-
24.5	384 86 04	ENTRANCE FLANGE INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO		-	1	-
26	81 41 55 82 00 69 83 03 46	HEXAGON HEAD SCREW SEKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M12X30-A2-70 M12X30-A2-70 M12X30-A4-70	4 4 -	4 - -	- - 2
28	82 40 69 82 40 70 82 40 72 82 40 76 82 40 77 82 40 78	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	Range of cable entry (33)- 35 mm (35)- 37 mm (40)- 42 mm (20)- 22 mm (22)- 24 mm (24)- 26 mm	4 4 - 4 4 4	4 - 2 4 4 4	- - - - - -


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
28	82 40 79	WASHER	(26)- 28 mm	4	4	-
	82 40 80	BRICKA	(28)- 30 mm	4	4	-
	82 40 81	SCHEIBE	(30)- 32 mm	4	4	-
	82 40 82	RONDELLE	(32)- 34 mm	4	4	-
	82 40 83	ARANDELA	(18)- 20 mm	4	4	-
	82 40 84	RONDELLA	(12)- 14 mm	4	-	-
	82 41 25		(14)- 16 mm	-	4	-
	82 42 61		(12)- 14 mm	-	4	-
	82 42 72		(20)- 23 mm	-	-	4
	82 42 73		(32)- 35 mm	-	-	4
29	84 18 02	SEAL SLEEVE	(20)- 23 mm	-	-	2
	84 18 03	TÄTNINGSHYLSA	(23)- 26 mm	-	-	2
	84 18 04	DICHTUNGSHÜLSE	(26)- 29 mm	-	-	2
	84 18 05	DOUILLE DE JOINT	(29)- 32 mm	-	-	2
	84 18 06	MANGUITO DE JUNTA	(32)- 35 mm	-	-	2
	84 35 44	GOMMINO ENTR.CAVO	(33)- 35 mm	-	1	-
	84 35 47		(40)- 42 mm	-	1	-
	84 35 51		(20)- 22 mm	-	2	-
	84 35 52		(22)- 24 mm	-	2	-
	84 35 53		(24)- 26 mm	-	2	-
	84 35 54		(26)- 28 mm	-	2	-
	84 35 55		(28)- 30 mm	-	2	-
	84 35 56		(30)- 32 mm	-	2	-
	84 35 57		(32)- 34 mm	-	1	-
	84 35 58		(18)- 20 mm	-	2	-
	84 35 69		(14)- 16 mm	-	2	-
	84 35 72		(12)- 14 mm	-	2	-
	84 43 92		(18)- 20 mm	2	-	-
	84 43 93		(20)- 22 mm	2	-	-
	84 43 94		(22)- 24 mm	2	-	-
	84 43 95		(24)- 26 mm	2	-	-
	84 43 96		(26)- 28 mm	2	-	-
	84 43 97		(28)- 30 mm	2	-	-
	84 43 98		(30)- 32 mm	2	-	-
	84 43 99		(32)- 34 mm	2	-	-
	84 44 00		(33)- 35 mm	2	-	-
84 44 01			2	-	-	
29.1	82 81 03	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	49.5X3.0 FPM	-	-	1
29.2	597 98 00	RING RING RING ANNEAU ANILLO ANELLO		-	-	1



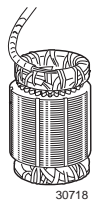
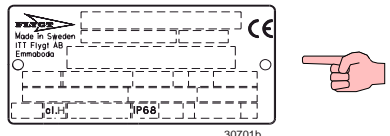
		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
32	392 00 06	ENTRANCE COVER	EN,FM	1	-	-
	392 00 08	INFÖRINGSLOCK	EN	1	-	-
	392 00 10	EINFÜHRUNGSDECKEL	FM/"CSA"	1	-	-
	392 00 13	COUVERCLE D'ENTREE	Junction box cover with two holes for motor cables	-	1	-
	392 00 14	TAPA DE ENTRADA	Junction box cover without hole for aux. cable and with two holes for motor cables	-	1	-
	392 00 15	COPERCHIO ENTR. CAVO	Junction box cover without hole for aux. cable and with one hole for motor cable.	-	1	-
	392 00 16		Junction box cover with one hole for motor cable	-	1	-
33	392 00 19		Junction box cover without hole for aux. cable with one hole for motor cable	-	-	1
	82 74 93	O-RING	199.3X5.7-NBR	1	1	-
	82 75 20	O-RING	199.3X5.7 FPM	-	1	1
35	82 75 20	O-RING	199.3X5.7 FPM	-	1	1
	82 00 69	ANNEAU TORIQUE				
37	83 03 46	ANILLO TORICO				
		ANELLO OR				
	82 00 69	SOCKET HEAD SCREW	M12X30-A2-70	4	4	-
	83 03 46	SEXKANTHÅLSKRUV	M12X30-A4-70	-	-	4
		SCHRAUBE				
38		VIS				
		TORNILLO				
		VITE A BRUGOLA				
	443 29 00	CONNECTION HOUSING		-	1	1
	443 29 01	KOPPLINGSHUS		1	-	-
38		KUPPLUNGSGEHÄUSE				
		BOITIER DE RECCORDEM				
		CAJA DE ACOPLAMIENTO				
		SEDE GIUNTO				
	82 75 01	O-RING	279.3X5.7 NBR	1	1	-
82 75 22	O-RING	279.3X5.7 FPM	-	1	1	
	O-RING					
	ANNEAU TORIQUE					
	ANILLO TORICO					
	ANELLO OR					


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
40	82 00 71 83 03 48	SOCKET HEAD SCREW SEKKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M12X40-A2-70 M12X40-A4-70	8 -	8 -	- 8
42	384 62 00 384 62 03	BRACKET FÄSTE BEFESTIGUNG FIXATION APOYO STAFFA		- 2	2 -	2 -
43	426 82 00	TERMINAL BOARD UNIT KOPPLINGSPLINTENHET SCHALTBRETTEINHEIT PLAQUE A BORNES PLACA DE BORNES UNITA' MORSETTIERA		1	1	1
44	82 72 91 82 74 81 82 80 92	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	139.5X3.0 FPM 139.5X3.0 NBR 144.5X3.0 FPM	- 1 -	- 1 1	1 - -
45	81 41 06	HEXAGON HEAD SCREW SEKKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M8X25-A2-70	4	4	4
46	82 35 16	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	8-A2-A 140	4	4	4
48	83 42 21	END SLEEVE ÄNDHYLSA ENDHÜLSE COSSE MANGUITO DE DETRAS CAPOCORDA	35.0 mm <sup>2</sup> ; L=18 mm	-	3	-


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
49	83 42 28	END SLEEVE	2.5 mm <sup>2</sup> ; L=7 mm	7	7	7
	83 42 29	ÄNDHYLSA	4.0 mm <sup>2</sup> ; L=10 mm	6	6	6
	83 42 30	ENDHÜLSE	6.0 mm <sup>2</sup> ; L=10 mm	9	9	9
	83 42 34	COSSE	25.0 mm <sup>2</sup> ; L=15 mm	8	8	8
	83 42 35	MANGUITO DE DETRAS	10.0 mm <sup>2</sup> ; L=12 mm	8	8	8
	83 42 36	CAPOCORDA	0.75 mm <sup>2</sup> ; L=6 mm	2	2	2
	83 42 38		1.5 mm <sup>2</sup> ; L=7 mm	2	2	2
	83 42 39		16.0 mm <sup>2</sup> ; L=12 mm	8	8	8
	83 43 26		25.0 mm <sup>2</sup> ; L=30 mm	4	-	-
	83 43 38		AMP 61850-2	2	-	-
51	83 44 24	CLOSED END SPLICE ÄNSKARVHYSLA KABELENDVERBINDER RACCORDS EMBOUTS CONECTOR CONTERA CONNETT. PREISOLATO	2.5-6(AWG 12-10)L=17.5	4	4	4
52	94 05 15	INSULATING HOSE PVC		*	*	*
	94 05 17	PVC ISOLERSLANG ISOLIERSCHLAUCH PVC GAINE ISOLANTE MANGUERA AISLADOR TUBO ISOLANTE PVC		*	*	*
53	81 41 04	HEXAGON HEAD SCREW SEKKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M8X20-A2-70	2	2	2
56	426 78 00	EARTHING PLATE SKYDDSLEDARPLATTA ERDUNGSPLATTE PLAQUE DE TERRE PLACA DE TIERRA PIASTRA DI TERRA		2	2	2
57	384 76 00	INSULATING PLATE ISOLERINGSPLATTA ISOLIERPLATTE PLAQUE ISOLANT PLACA AISLADORA PIASTRA D'ISOLAM.		1	1	1





		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
58	319 09 01	COVER LOCK DECKEL COUVERCLE TAPA COPERCHIO	1	1	1	
61	84 53 76	ROLLER BEARING RULLAGER ROLLENLAGER ROULEMENT A ROULEAUX COJINETE DE RODILLOS CUSCINETTO A RULLI	1	1	1	
62	82 62 24	RETAINING RING SPÄRRING NUTRING CIRCLIP ANILLO DE PRESION ANELLO DI SICUREZZA	1	1	1	
63	563 93 00	PROTECTIVE WASHER SKYDDSBRICKA SCHUTZSCHEIBE RONDELLE DE PROTECT. ARANDELA DE PROTECC. RONDELLA DI PROTEZ.	1	1	1	
69	384 82 01 384 82 02	STATOR HOUSING STATORHUS STATORGEHÄUSE LOGEMENT DE STATOR CARCASA DE ESTATOR ALLOGGIO STATORE	1 -	- 1	- 1	
70	82 00 71 83 03 48	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	8 -	8 -	- 8	
72	82 75 01 82 75 22	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	1 -	1 1	- 1	


		<b>Motor parts</b> <b>Motordetaljer</b> <b>Motorteile</b>	<b>Pièces du moteur</b> <b>Piezas del motor</b> <b>Parti motore</b>	<b>3170</b>		
Pos.No.	Part No.	Denomination		Qty / Version		
				090	180	980
73		SHAFT UNIT AXELENHET WELLENEINHEIT UNITE D'ARBRE UNIDAD DE ARBOL ALBERO ROTORE	For motor För motor Für motor Pour moteur Para motor Per motore			
	384 52 04		27-20-4	-	1	-
	384 52 05		27-20-4	-	1	-
	384 52 14		27-20-4	1	-	-
	384 52 23		27-20-4	-	-	1
	467 19 00		27-20-6	-	1	-
	467 19 02		27-20-6	-	1	-
467 19 04		27-20-6	1	-	-	
467 19 06		27-20-6	-	-	1	
79		STATOR STATOR STATOR STATOR ESTATOR STATORE	  			
		<b>3~, 50 Hz, 22 kW, 1460 r/min (27-20-4F)</b>	—			
	415 74 34	380-400V Y/220-230V D	—	1	1	1
	415 74 38	660-690V Y/380-400V D	—	1	1	1
	415 74 40	400V D	—	1	1	-
	415 74 44	400-440V D	—	1	1	-
	415 74 50	500V D	—	1	1	1
	530 36 44	400-440V D (With thermistors)	—	-	1	1
		—	<b>3~, 60 Hz, 22 kW (30hp), 1750 r/min (27-20-4F)</b>			
	415 75 28	—	200-220V D	1	1	-
	415 75 30	—	380V D	1	1	-
	415 75 37	—	440-460Y SER 220-230Y //	1	1	1
	415 75 38	—	440-460V D	1	1	-
	415 75 52	—	575-600V D	1	1	1


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
79		<b>3~, 50 Hz, 15 kW, 965 r/min (27-20-6A)</b>	<b>3~, 60 Hz, 18,6 kW (25 hp), 1165 r/min (27-20-6A)</b>			
	467 23 01	690V Y-400V D	—	1	1	1
	467 23 02	400V Y-230V D	—	1	1	1
	467 23 03	690V D	—	1	1	-
	467 23 28	190-200V D	200-220V D	1	1	-
	467 23 32	346-350V Y-200-208V D	400V Y-230-240V D	1	1	-
	467 23 34	380V Y-220V D	440-460V Y-260V D	1	1	-
	467 23 37	—	440-460Y SER-220-230Y//	1	1	1
	467 23 38	380V D	440-460V D	1	1	-
	467 23 44	400-440V D	480V D	1	1	-
	467 23 52	—	575-600V D	1	1	1
	537 41 44	400-440V D (With thermistors)	—	-	1	-
79.4	84 50 43	THERMAL CONTACT UNIT TERMOKONTAKTENHET TERMOWÄCHTEREINHEIT THERMOCONTACT-UNITE TERMOCONTACTO-UNIDAD UNITA' TERMOCONTATTO	Intended for stator 467 23 01-467 23 52	1	1	1
79.6	384 55 01	STATOR CORE STATORPLÅTPAKET STATORPAKET NOYAUDE STATOR NUCLEO DE STATOR PACCO STATORE	Intended for stator 467 23 01-467 23 52	1	1	1
79.8	80 23 50	PARALLEL PIN CYLINDRISK PINNE SPLINT GOUPILLE PASADOR SPINOTTO	Intended for stator 467 23 01-467 23 52	1	1	1
81	485 16 00	PROTECTIVE DISC SKYDDSSKIVA SCHUTZSCHEIBE DISQUE DE PROTECTION DISCO DE PROTECCION DISCO DI PROTEZIONE		1	1	1
82	384 83 04	OUTER CASING KÅPA MANTEL COIFFE CAPOTA CAMPANA		1	1	1

		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
83	82 75 05	O-RING	339.3X5.7 NBR	1	1	-
	82 75 23	O-RING	339.3X5.7 FPM	-	1	1
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR				
84	82 78 80	O-RING	375.0X8.4-1 NBR	-	1	-
	82 79 19	O-RING	375.0X8.4 FPM	-	1	1
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR				
89	279 76 02	PIPE RÖR ROHR TUBE TUBO TUBO		1	1	1
90	384 60 00	PIPE BEND RÖRBÖJ ROHRBOGEN COUDE CODO GOMITO		1	1	1
92	374 81 03	PLATE PLATTA PLATTE PLAQUE PLACA PIASTRA		1	1	1
93	81 73 42	SLOTTED SCREW SPÅRSKRUV SCHRAUBE VIS TORNILLO VITE AD INTAGLIO	M4X12-A4-70	2	2	2
96	384 99 00	EXPANDING PLUG EXPANDERPROPP VERSCHLUSSSCHEIBE BOUCHON DE DILATION TAPON DE DILATACAO TAPPO DI ESPANSIONE		2	2	2


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
101	504 78 10	CABLE UNIT SLADDENHET KABELEINHEIT UNITE DE CABLE UNIDAD DE CABLE UNITA' CAVO	(FLS)	1	1	1
102	504 78 03 543 83 00	CABLE UNIT SLADDENHET KABELEINHEIT UNITE DE CABLE UNIDAD DE CABLE UNITA' CAVO	(FLS,CLS30) (FLS,CLS30)	- -	1 1	1 1
103	518 89 02	LEAKAGE DETECT.UNIT LÄCKAGEDETEKT.ENHET LECKAGEDETEKT.EINH. DETECT.FUITE-UNITE DETECT.GOTEO-UNIDAD UNITA'RIVEL.INFILTR.	(FLS)	1	1	1
104	505 12 00	LEAKAGE DETECT.UNIT LÄCKAGEDETEKT.ENHET LECKAGEDETEKT.EINH. DETECT.FUITE-UNITE DETECT.GOTEO-UNIDAD UNITA'RIVEL.INFILTR.	(CLS30)	-	1	1
105	384 81 05 384 81 06 503 16 04 503 16 05	BEARING HOLDER LAGERHÅLLARE LAGERHALTER SUPPORT DE ROULEMENT SUJETADOR DE COJIN. SUPP. CUSCINETTO	For FM-approval For EM-approval For Std. or with FLS For CLS30 and FLS	1 1 - -	- - 1 1	- - 1 1
107	82 59 18	RETAINING RING SPÄRRING NUTRING CIRCLIP ANILLO DE PRESION ANELLO DI SICUREZZA	SGA 65	1	1	1
108	82 44 23	SUPPORTING WASHER STÖDBRICKA STÜTZSCHEIBE RONDELLE DE SUPPORT ARANDELA DE SOPORTE RONDELLA DI SUPPORTO	65X85X3.5	2	2	2


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
109	83 36 98	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	3313 C3 Clearance 65X140X58,7 (Lower bearing)	1	1	1
110	405 08 02 405 08 04	BEARING COVER LAGERLOCK LAGERDECKEL COUVERCLE DE ROULEM TAPA DE COJINETE COPERCHIO CUSCINETTO		1 -	- 1	- 1
112	81 41 34	HEXAGON HEAD BOLT SEKANTSKRUV SECHSKANTSCHRAUBE VIS A T,TE HEXAGONAL TORNILLO DE CAB.EXAG BULLONE TESTA ESAG.	M10X40-A2-70	4	4	4
114	288 10 03	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	CSB/WCCR-TYPE M (Inner seal)	1	1	-
114.1	82 78 15	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	78,0X4,0 NBR	1	1	-
114.3	82 78 00	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR		1	1	-
114.5	301 19 14	TENSION SPRING DRAGFJÄDER DREHFEDER RESSORT DE TRACTION RESORTE TENSOR MOLLA DI TENSIONE		1	1	1



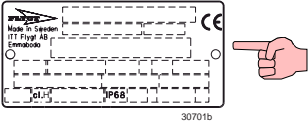
		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
114	288 10 04	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	WCCO/WCCO (Inner seal)	1	1	1
114.1	82 79 18	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	78.0X4.0 FPM	1	1	1
114.3	82 95 58	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR		1	1	1
114.5	301 19 14	TENSION SPRING DRAGFJÄDER DREHFEDER RESSORT DE TRACTION RESORTE TENSOR MOLLA DI TENSIONE		1	1	1
115	584 72 00	LOCK WASHER LÅSBRICKA SICHERUNGSBLECH RONDELLE DE BLOCAGE ARANDELA DE CIERRE RONDELLA DI BLOCCAG.		1	1	1
116	82 00 11	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M6X12-A2-70	1	1	1
120	385 67 00	INSPECTION SCREW		1	-	-
	428 22 01	INSPEKTIONSSKRUV		2	2	-
	428 22 05	INSPEKTIONSSCHRAUBE SS VIS D'INSPECTION TORNILLO DE INSPEC. VITE DI ISPEZIONE		-	-	2


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
121	82 70 34	HEXAGON PLUG	1	1	-	
	82 70 45	6-KANTPROPP SECHSKANTPFROPFEN BOUCHON HEXAGONAL TAPON HEXAGONAL TAPPO ESAGONALE	-	1	1	
122	82 72 95	O-RING	-	1	1	
	82 73 90	O-RING	4	4	-	
	82 73 93	O-RING	1	-	-	
	82 77 30	ANNEAU TORIQUE	1	1	-	
	82 79 22	ANILLO TORICO ANELLO OR	-	1	1	
124	82 47 68	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	1	-	-	
125	82 69 42	PROTECTIVE PLUG SKYDDSPROPP SCHUTZPROPFEN BOUCHON DE PROTECT. TAPON DE PROTECCION TAPPO DI PROTEZIONE	1	-	-	
129	620 77 00	OIL HOUSING BOTTOM OLJEHUSBOTTEN ÖLGEHÄUSEBODEN FOND DE CART.A HUILE FONDO CAM.DE ACEITE FONDO SERBATOIO OLIO	1	1	1	
130	82 75 08	O-RING	1	1	-	
	82 80 93	O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	-	1	1	
131	82 75 09	O-RING	1	1	-	
	82 81 12	O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	-	1	1	





		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
132	646 59 00 646 59 01	GASKET COMPL. PACKNING KOMPL. PACKUNG KOMPL. JOINT COMPL. JUNTA COMPL. GUARNIZ. COMPL.	1 -	1 -	- 1	
133	82 00 53 83 03 25	SOCKET HEAD SCREW SEKKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2 -	2 -	- 2	
134	319 20 01	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	1	1	1	
135	306 73 00	HEXAGON SCREW SEKKANTSKRUV SCHRAUBE VIS TORNILLO VITE ESAGONALE	6	6	6	
136	302 21 00	COMPRESSION SPRING TRYCKFJÄDER DRUCKFEDER RESSORT DE COMPRES. RESORTE DE COMPRES. MOLLA COMPRESSIONE	6	6	6	
137	382 83 00 382 83 03	WEAR PROTECTION SLITSKYDD VERSCHLEISSCHUTZ PROTECTION D'USURE PROTECCION DE DESGAS PROTEZIONE USURA	1 -	1 1	- 1	
140	80 23 05	PARALLEL PIN CYLINDRISK PINNE SPLINT GOUPILLE PASADOR SPINOTTO	1	1	1	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
141	384 03 07	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	WCCR/WCCR-TYPE S (Outer seal)	1	1	1
141.1	82 80 94	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR		1	1	1
141.4	82 75 19	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR		1	1	1
141.5	384 06 02	RING RING RING ANNEAU ANILLO ANELLO		1	1	1
141.6	82 61 11	RETAINING RING SPÄRRING NUTRING CIRCLIP ANILLO DE PRESION ANELLO DI SICUREZZA	SGA 52-2304/1.4122	1	1	1
141.7	396 41 02	SEAL RING TÄTNINGSRING DICHTUNGSRING ANNEAU DE JOINT ANILLO DE JUNTA ANELLO DI TENUTA		1	1	1
145	82 01 09 83 03 74	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M16X60-A2-70 M16X60-A4-70	8 -	8 -	- 8


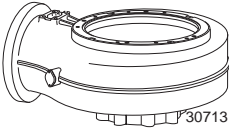










		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3170			
Pos.No.	Part No.	Denomination	Qty / Version				
			090	180	980		
146	82 35 23 82 35 78	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	16-A2-A 140 16-A4-A 140	8 -	8 -	- 8	
		<b>Pump parts Pumpdetaljer Pumpenteile</b>	<b>Pièces de la pompe Piezas para bombas Parti pompa</b>				
148	80 46 2 7	PARALLEL KEY PLATTKIL KEIL CLAVETTE CHAVETA CHIAVETTA	14H7X9H11X70	1	1	1	
149	606 58 00 606 58 01 606 58 02 606 58 03	WASHER		2	2	2	
		BRICKA		2	2	2	
		SCHEIBE		2	2	2	
		RONDELLE ARANDELA RONDELLA		2	2	2	
153	384 98 00 384 98 01 384 98 02 537 27 00	RING		1	1	1	
		RING		1	1	1	
		RING		1	1	1	
		ANNEAU ANILLO ANELLO		1	1	1	
158		IMPELLER PUMPHJUL LAUFRAD ROUE IMPULSOR GIRANTE	Curve No: Kurva nr. Kurve Nr. Courbe N° Curvas N° No curva				
	606 56 07		635, 50 Hz, 3 ~	1	1	-	
	606 56 15		636, 50 Hz, 3 ~	1	1	-	
	606 56 23	N-impeller, Medium head "MT"	637, 50-60 Hz, 3 ~	1	1	-	
	606 56 31		638, 60 Hz, 3 ~	1	1	-	
	606 56 37		639, 60 Hz, 3 ~	1	1	-	
	606 56 44			430, 50 Hz, 3 ~	1	1	-
	606 56 52		N-impeller, Medium head "MT"	431, 50 Hz, 3 ~	1	1	-
	606 56 60	432, 50 Hz, 3 ~		1	1	1	

		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
158	601 63 03	Low head "LT"	601, 50 Hz, 3 ~			
158.1	345 25 03	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	601 63 05	Low head "LT"	602, 50 Hz, 3 ~			
158.1	345 25 03	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	601 63 10	Low head "LT"	603, 50-60 Hz, 3 ~			
158.1	345 25 03	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	601 63 12	Low head "LT"	604, 50-60 Hz, 3 ~			
158.1	345 25 03	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	601 63 15	Low head "LT"	606, 60 Hz, 3 ~			
158.1	345 25 03	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	







		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
158	601 63 19	Low head "LT"	607, 60 Hz, 3 ~	1	1	1
158.1	345 25 03	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA		1	1	1
158	384 29 02	Medium head "MT"	440, 50 Hz, 3 ~	1	1	1
158.1	345 25 05	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA		1	1	1
158	384 35 00	Medium head "MT"	441, 50 Hz, 3 ~	1	1	1
158.1	345 25 05	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA		1	1	1
158	537 84 00	Medium head "MT"	442, 60 Hz, 3 ~	1	1	1
158.1	345 25 02	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA		1	1	1
158	537 85 00	Medium head "MT"	443, 60 Hz, 3 ~	1	1	1
158.1	345 25 02	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA		1	1	1


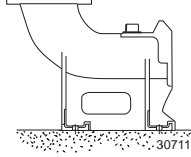










		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
158	384 26 00	High head "HT"	460, 50 Hz, 3 ~			
158.1	345 25 05	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	384 26 01	High head "HT"	461, 50 Hz, 3 ~			
158.1	345 25 05	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	384 27 00	High head "HT"	462, 50 Hz, 3 ~			
158.1	345 25 05	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	537 86 00	High head "HT"	463, 60 Hz, 3 ~			
158.1	345 25 06	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	
158	381 08 01	High head "HT"	464, 60 Hz, 3 ~			
158.1	345 25 06	WEAR RING SLITRING VERSCHLEISSRING ANNEAU D'USURE ANILLO DE DESGASTE ANELLO D'USURA	1	1	1	








		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3170		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180	980	
160	384 79 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	Intended for impeller with code: 601-607 440-443, 460-464.			
162	82 37 07	WASHER	Impeller code: 430-432, 635-639			
	540 75 00	BRICKA	601-607, 440-443, 460-464			
	540 75 01	SCHEIBE RONDELLE ARANDELA RONDELLA	601-607, 440-443, 460-464			
169	82 01 09	SOCKET HEAD SCREW	M16X60-A2-70	Intended for LT, MT, HT		
	82 01 15	SEXKANTHÅLSKRUV	M16X100-A2-70	N-impeller MT		
	83 03 74	SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M16X60-A4-70	LT, MT, HT		
184	303 66 00	WEAR RING	For pumphousing: HT, 150 (Rubber)			
	309 29 00	SLITRING	HT, 150 (Rubber)			
	314 88 01	VERSCHLEISSRING	HT, 150 (Rubber)			
	314 88 02	ANNEAU D'USURE	HT, 150 (L.Red Brass)			
	314 88 05	ANILLO DE DESGASTE	MT, 150 (L.Red Brass)			
	314 88 08	ANELLO D'USURA	HT, 150 (St. Steel)			
	314 88 11		LT, 250 (L.Red Brass)			
	314 88 48		HT, 100 (St. Steel)			
	314 88 53		LT, 250 (St. Steel)			
	314 88 55		MT, 150 (St. Steel)			
	319 38 00		MT, 150 (Rubber)			
	379 71 00		LT, 250 (Rubber)			
186	537 28 00	RING	Intended for curve: 442-443			
	537 30 00	RING	440-441			
	543 95 00	RING	463-464			
	543 98 00	ANNEAU	462			
	543 98 01	ANILLO ANELLO	460-461			
187	537 29 00	RING	Intended for curve: 442-443			
	537 31 00	RING	440-441			
	537 33 00	RING	463-464			
	537 63 00	ANNEAU	460-462			
		ANILLO ANELLO				


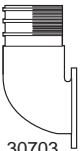
		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3170		
Pos.No.	Part No.	Denomination		Qty / Version		
				090	180	980
188	664 72 00	INSERT RING INSATSRING EINSATZRING ANNEAU DE REDRESS. ANILLO DE ENDEREZ. ANELLO DI RIPORTO	Intended for N-impeller	1	1	1
200		PUMP HOUSING PUMPHUS PUMPENGEHÄUSE CORPS DE POMPE CUERPO DE BOMBA CORPO POMPA				
	521 21 00	"LT" Low head version DN 250	 Undrilled	1	1	1
	521 21 01	"LT" Low head version DN 250	 Drilled to BS 4504:1969 Table 10/11, BS 4622 Table 10 SMS 342, DIN 2532/1976	1	1	1
	521 21 05	"LT" Low head version DN 250	 Drilled to ANSI B16.1-1975 Table 5	1	1	1
	521 21 07	"LT" Low head version DN 250	 Drilled to BS 4504:1969 Table 16/11, BS 4622 Table 11	1	1	1
	521 21 20	"LT" Low head version DN 250 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio	 Undrilled	1	1	-
	535 23 00	"MT" Medium head version DN 150	 Undrilled	1	1	1
	535 23 06	"MT" Medium head version DN 150	 Drilled to SMS 342, DIN 2533 BS 4622:1970 Table 11 ANSI B16.1:1967 Table 5	1	1	1
	535 23 22	"MT" Medium head version DN 150 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio	 Undrilled	1	1	-
	535 30 00	"HT" High head version DN 100	 Undrilled	1	1	1
	535 30 01	"HT" High head version DN 100	 Drilled t SMS 342, DIN 2533/ 1976, BS 4622:1970 Table 10/11, BS 4504:1969 Table 16/11	1	1	1


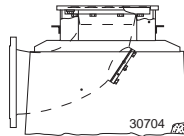









		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3170			
Pos.No.	Part No.	Denomination	Qty / Version				
			090	180	980		
200	535 30 05	"HT" High head version DN 100  Drilled to ANSI B16.1-1975 Table 5	1	1	1		
	535 30 22	"HT" High head version DN 100 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio  Undrilled	1	1	-		
	649 15 00	"N-MT" Medium head version DN 150  Undrilled	1	1	1		
	649 15 06	"N-MT" Medium head version DN 150  Drilled to SMS 342, DIN 2533 BS 4622:1970 Table 11 ANSI B16.1:1967 Table 5	1	1	1		
	649 15 22	"N-MT" Medium head version DN 150 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio  Undrilled	1	1	-		
201	82 27 28	LOCK NUT LÅSMUTTER SICHERUNGSMUTTER ECROU DE BLOCAGE TUERCA DE SEGURIDAD DADO DI BLOCCAGGIO		M10-A4-70	2	2	-
202	80 95 07	STUD PINNSKRUV STIFTSCHRAUBE GOUJON ESPARRAGO PRIGIONIERO		10X45-A2-70	2	2	-
203	433 56 00	COVER LOCK DECKEL COUVERCLE TAPA COPERCHIO	1	1	-		
204	502 53 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	1	-		

		<b>Sump components</b> <b>Pumpgropsdetaljer</b> <b>Schachteinbauteile</b>	<b>Equipment du puisard</b> <b>Equipo para pozo negro</b> <b>Componenti per versione</b>	<b>3170</b>		
<b>Pos.No.</b>	<b>Part No.</b>	<b>Denomination</b>	<b>Qty / Version</b>			
			<b>090</b>	<b>180</b>	<b>980</b>	
205		<b>Installation</b> <b>Installation</b> _P <b>Aufstellungsart</b>  DISCHARGE CON.STAT. TRYCKANSL. STATIONÄR DRUCKANSCHLUSS STAT. ORIFICE DE REF.STAT. ORIFICIO DE REC.STAT PIEDE ACCOPPIAMENTO	<b>Installation</b> <b>Instalacion</b> <b>Installazione</b>			
						
	444 70 00	"HT" and "MT" High head version, Medium head version DN 150 (6")	 Undrilled	1	1	1
	444 70 06	"HT" and "MT" High head version, Medium head version DN 150 (6")	 Drilled to SMS 342, DIN 2533 and ANSI B16.1:1967 Table 5	1	1	1
	444 71 00	"MT" Medium head version DN 200 (8")	 Undrilled	1	1	1
	444 71 06	"MT" Medium head version DN 200 (8")	 Drilled to SMS 342, DIN 2532 and ANSI B16.1:1967 Table 5	1	1	1
	444 71 07	"MT" Medium head version DN 200 (8")	 Drilled to BS 4622:1970 Table 11	1	1	1
	481 75 00	"LT" Low head version DN 300 (12")	 Undrilled	1	1	1
	481 75 01	"LT" Low head version DN 300 (12")	 Drilled to SMS 342 and DIN 2532	1	1	1
	481 75 05	"LT" Low head version DN 300 (12")	 Drilled to ANSI B16.1:1967 Table 5	1	1	1
	481 75 07	"LT" Low head version DN 300 (12")	 Drilled to BS 4622:1970 Table 11	1	1	1
	481 76 00	"LT" Low head version DN 250 (10")	 Undrilled	1	1	1

		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3170		
Pos.No.	Part No.	Denomination		Qty / Version		
				090	180	980
205	481 76 01	"LT" Low head version DN 250 (10")	 Drilled to SMS 342 and DIN 2532	1	1	1
	481 76 05	"LT" Low head version DN 250 (10")	 Drilled to ANSI B16.1: 1967 Table 5	1	1	1
	481 76 07	"LT" Low head version DN 250 (10")	 Drilled to BS 4622:1970 Table 11	1	1	1
	540 13 00	"HT" High head version DN 100 (4")	 Undrilled	1	1	1
	540 13 01	"HT" High head version DN 100 (4")	 Drilled to SMS 342, DIN 2533 and BS 4622	1	1	1
	540 13 05	"HT" High head version DN 100 (4")	 Drilled to ANSI B16.1: 1967 Table 5	1	1	1
206	255 47 00	RING		2	2	2
	255 47 01	RING RING ANNEAU ANILLO ANELLO		2	2	2
207	319 59 01	GUIDE BRACKET GEJDFÄSTE FÜHRUNGSHALTER FIXATION DE GUIDE SOPORTE DE GUIAS SUPPORTO DI GUIDA		1	1	-
209	305 79 00	GUIDING CLAW STYRKLO FÜHRUNGSKLAUE GRIFFE DE GUIDAGE GARRA DE GUIA STAFFA SCORREVOLE		1	1	1
210	81 49 65	HEXAGON HEAD BOLT	M20X110-A4-70	-	-	2
	84 34 37	SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG BULLONE TESTA ESAG.	M20X110-A2-70	2	2	-

		<b>Sump components</b> <b>Pumpgropsdetaljer</b> <b>Schachteinbauteile</b>	<b>Equipment du puisard</b> <b>Equipo para pozo negro</b> <b>Componenti per versione</b>	<b>3170</b>			
Pos.No.	Part No.	Denomination	_S	Installation Instalacion Installazione	Qty / Version		
					090	180	980
211		<b>Installation</b> <b>Installation</b> <b>Aufstellungsart</b>					
		DISCHARGE CONNECTION TRYCKANSLUTNING DRUCKANSCHLUSS ORIFICE DE REFOULEM. ORIFICIO DE RECALC. ATTACCO TUBO					
	259 82 00	Ø 100 (4") HT-version			1	-	-
	259 82 02	Ø 100 (4") HT-version			-	1	1
	295 57 00	Ø 150 (6") MT-version			1	1	1
	309 31 01	Ø 150 (6") With hose coupling R6			1	1	1
	309 80 00	Ø 200 (8") MT-version			1	1	1
	379 32 00	Ø 200 (8") LT-version			1	1	1
391 42 00	Ø 100 (4") MT-version			1	1	1	
479 26 00	Ø 250 (10") LT-version			1	1	1	
212	81 49 35	HEXAGON HEAD BOLT	M16X60-A4-70	HT	-	-	4
	81 49 62	SEXKANTSKRUV	M20X80-A4-70	LT	-	-	4
	81 55 83	SECHSKANTSCHRAUBE	M20X90-A4-70	LT, Flange 250	-	-	4
	84 34 07	VIS A TÊTE HEXAGONAL	M16X60-A2-70	HT	4	4	-
	84 34 34	TORNILLO DE CAB.EXAG	M20X80-A2-70	LT, MT	4	4	-
84 34 35	BULLONE TESTA ESAG.	M20X90-A2-70	LT, Flange 300	4	4	-	
213	82 35 23	WASHER	16-A2-A 140	HT	4	4	-
	82 35 26	BRICKA	20-A2-A 140	LT, MT	8	8	-
	82 35 78	SCHEIBE	16-A4-A 140	MT, HT	-	-	4
	82 35 79	RONDELLE	20-A4-A 140	LT, MT	-	-	8
		ARANDELA					
		RONDELLA					
214	81 49 58	HEXAGON HEAD SCREW	M20X60-A4-70		-	-	2
	84 34 30	SEXKANTSKRUV	M20X60-A2-70	LT, MT, HT	2	2	-
		SECHSKANTSCHRAUBE					
		VIS A TÊTE HEXAGONAL					
		TORNILLO DE CAB.EXAG					
	VITE TESTA ESAGONALE						
215	82 23 37	HEXAGON NUT	M16-A4-70	HT	-	-	4
	82 23 38	SEXKANTMUTTER	M20-A4-70	LT, MT	-	-	8
	82 23 61	MUTTER	M16-A2-70	HT	4	4	-
	82 23 62	ECROU	M20-A2-70	LT, MT	8	8	-
		TUERCA					
	DADO ESAGONALE						

		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3170				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	180	980			
216	259 83 00	GASKET	4" HT	1	1	1		
	274 76 00	PACKNING	6" MT, HT	1	1	1		
	384 45 00	PACKUNG	8" LT	1	1	1		
		JOINT JUNTA GUARNIZIONE						
217	380 92 00	STAND COMPL.		1	1	1		
		STATIV KOMPL.						
		STATIV KOMPL.						
		BATI COMPL.						
		BASTIDOR COMPL. CAVALLETTO COMPL.						
218	81 41 81	HEXAGON HEAD SCREW	M16X40-A4-70	LT, MT, HT, Flange 300	-	-	4	
	81 49 39	SEXKANTSKRUV	M16X80-A4-70	LT, Flange 200	-	-	4	
	84 34 03	SECHSKANTSCHRAUBE	M16X40-A2-70	LT, MT, HT	4	4	-	
		VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE						
219	82 35 23	WASHER	16-A2-A 140		4	4	-	
	82 35 78	BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	16-A4-A 140		-	-	4	
		<b>Installation</b> <b>Installation</b> <b>Aufstellungsart</b>	<b>_T</b>	<b>Installation</b> <b>Instalacion</b> <b>Installazione</b>				
220		SUCTION PIPE SUGRÖR SAUGROHR TUYAU D'ASPIRATION TUBO DE ASPIRACION CURVA D'ASPIRAZIONE						
	272 82 06	DN 200 (8") High head version			Drilled to SMS 342, DIN 2532 and ANSI B16.1:1967	1	1	1
	272 82 07	DN 200 (8") High head version			Drilled to BS 4622:1970 Table 11	1	1	1
	295 60 11	DN 150 (6") High head version			Drilled SMS 342, DIN 2533, BS 4622:1970 Table 11 and ANSI B16.1:1967 Table 5	1	1	1

		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3170			
Pos.No.	Part No.	Denomination		Qty / Version			
				090	180	980	
220	384 74 01	DN 300 (12") Low head version		Drilled to SMS 342 and DIN 2532	1	1	1
	384 74 05	DN 300 (12") Low head version		Drilled to ANSI B16.1 1967 Table 5	1	1	1
	384 74 07	DN 300 (12") Low head version		Drilled to BS 4622:1970 Table 11	1	1	1
221	84 65 82	GASKET	Diam. 250	LT	1	1	1
	274 76 00	PACKNING	Diam. 200	MT, HT	1	1	1
	295 65 01	PACKUNG	Diam. 150	HT	1	1	1
		JOINT JUNTA GUARNIZIONE					
222	81 49 58	HEXAGON HEAD SCREW	M20X60-A4-70	MT, HT, Flange 200	-	-	8
	81 55 40	SEXKANTSKRUV	M16X50 A4-70	HT, Flange 150	-	-	8
	81 55 83	SECHSKANTSCHRAUBE	M20X90-A4-70	LT	-	-	12
	84 34 05	VIS A TÊTE HEXAGONAL	M16X50-A2-70	HT	8	8	-
	84 34 30	TORNILLO DE CAB.EXAG	M20X60-A2-70	MT, HT, Flange 200	8	8	-
	84 34 35	VITE TESTA ESAGONALE	M20X90-A2-70	LT	12	12	-
227	83 18 28	COUPLING PART	6"		1	1	-
	83 19 36	KOPPLINGSHALVA KUPPLUNGSHÄLFTE SEMI ACCOUPLEMENT SEMI ACOPLAMIENTO SEMI-GIUNTO	R 6"		1	1	1
229	667 40 01	STICKER DEKAL KLEBESTREIFEN RUBAN ADHESIF FRANJA ENCOLADO AUTOADESIVO			2	2	2
300	83 58 57	ALARM UNIT LARMCENTRAL ALARMZENTRALE CENTRALE DE ALARME CENTRAL DE ALARMA UNITA' D'ALLARME	"MINCAS" II		1	1	1

80 32 71	IS KIT	3170.180 >40 DGR
80 32 79	IS SATS IS SATZ JEU DE IS JUEGO DE IS	3170/3201.090/091/120/180

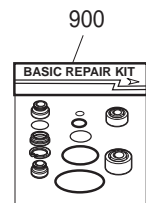
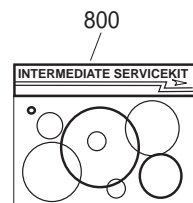
601 89 32	BASIC REPAIR KIT	3170.090,180+3201.091,180
601 89 22	GRUNDREPARATIONSSATS GRUNDREPARATURSATZ KIT PALIER JUEGO BASICO DE REP. KIT DI RIPARAZIONE	3170.090,180,3201.091,180

**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**= Intermediate Service Kit; piezas para inspección y mantenimiento  
**I**= Intermediate Service Kit; parti per ispezione e mantenimento

**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



Recommended spare parts

<b>I</b> (* = Warm liquid version)				<b>B</b>			
Item No	Part No.	Denomination	Qty	Item No	Part No.	Denomination	Qty
33	82 74 93	O-RING	1	800	80 32 71*	IS-KIT	1
	82 75 20*		1		80 32 79		1
38	82 75 01	O-RING	1	61	84 53 76	ROLLER BEARING	1
	82 75 22*		1		109	83 36 98	BALL BEARING
44	82 80 92*	O-RING	1	114	288 10 03	MECHANICAL SEAL	1
	82 74 81		1		288 10 04		1
72	82 75 01	O-RING	1	137	382 83 00	WEAR PROTECTION	1
	82 75 22*		1		141	384 03 07	MECHANICAL SEAL
83	82 75 05	O-RING	1				
	82 75 23*		1				



## Recommended spare parts

3170

### I

(\* = Hot water version)

Item No	Part No.	Denomination	Qty
84	82 78 80	O-RING	1
	82 79 19*		1
122	82 73 90	O-RING	2
	82 73 93		1
	80 77 30		1
	82 72 95*		2
	82 79 22*		1
130	82 75 08	O-RING	1
	82 80 93*		1
131	82 75 09	O-RING	1
	82 81 12*		1
132	646 59 00	GASKET COMPL.	1
160	384 79 00	GASKET	1

Recommended spare parts



Pos.No.	Part No.	Denomination	Qty / Version				
			090	180	980		
	90 17 52	PARAFFIN OIL 7.5 litre PARAFFINOLJA PARAFFINÖL HUILE DE PARAFFINE ACEITE DE PARAFINA OLIO DI PARAFFINA	*	*	*		
	90 20 54	BEARING GREASE LAGERFETT LAGERFETT GRAISSE A ROULEMENT GRASA DE COJINETE GRASSO CUSCINETTI	ESSO UNIREX N3	0.015	*	*	*
		<b>Tools</b>	<b>Range of use</b>				
	82 30 90	LIFTING EYE BOLT	LIFT PURPOSE				
	82 30 91	LIFTING EYE BOLT	LIFT PURPOSE 340KGS.				
	82 30 92	LIFTING EYE BOLT	ROTOR 700KGS.				
	84 08 02	CIRCLIP PLIER	SEAL SGA 19-60mm				
	84 08 10	CIRCLIP PLIER	INNER BEARING SGH 40-100mm				
	84 10 16	RATCHET HANDLE	SOCKETS 1/2" DRIVE				
	84 11 35	COMBINATION WRENCH	CABLE RELIEF, OUTER EARTHING N=8 mm				
	84 13 01	HEXAGON BIT ADAPTOR	IMPELLER SCREW, PUMP HSG. N=14 mm				
	84 13 03	HEXAGON BIT ADAPTOR	COOLING SHUTTING OFF, CABLE RELIEF(EX)N=5 mm				
	84 13 05	HEXAGON BIT ADAPTOR	OIL HSG. BOTTOM N=8 mm				
	84 13 06	HEXAGON BIT ADAPTOR	JUNCTION BOX COVER, STATOR HSG. N=10 mm				
	84 13 60	PULLER COMPL.	SPRD200/RCH150 BEARING				
	84 13 61	ARM	JAW EXTENSION BEARING (TOGETHER W. 841360)				
	84 13 84	SOCKET WRENCH	N=10 mm TERMINALS(EX)				
	84 13 87	SOCKET WRENCH	N=13 mm TERMINAL BOARD				
	84 13 91	SOCKET WRENCH	N=18 mm CABLE ENTRY				



## Parts for Service

3170

Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	980
		<b>Tools</b>			
		<b>Range of use</b>			
	84 13 92	SOCKET WRENCH			
	84 13 95	SOCKET WRENCH			
	84 13 96	SOCKET WRENCH			
	84 15 51	EXTENSION BAR			
	84 15 64	TORQUE WRENCH			
	84 16 50	SCREWDRIVER			
	84 16 60	SCREWDRIVER			
	84 16 73	SCREWDRIVER			
	216 68 00	SPECIAL PLIER			
	332 91 00	SPRING PULLER			
	385 66 01	SCREW TOOL			
	394 70 00	STATOR PULLER			
	398 54 00	MOUNTING SOCKET			
	398 59 00	SLEEVE			
	398 60 00	MOUNTING SOCKET			
	398 80 02	IMPELLER PULLER UNIT CROSS			
	398 80 04	IMPELLER PULLER UNIT CROSS			
	399 43 00	SLEEVE			
	402 10 00	IMPELLER PULLER			
	560 03 00	PULLER			

Parts for Service





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