

Parts list

3171


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



Flygt



ITT Industries


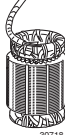
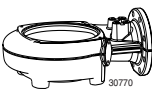
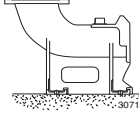
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3171.090:

EN: European Norm
ATEX Directive
European standards EN 50014, EN 50018 and EN 1127-1
EEx d II B T3 for ambient temperatures ≤ 40°C
EEx d II B T4 for ambient temperatures ≤ 25°C






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: T3C for ambient temperatures ≤ 40°C

3171.180: Standard

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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		9-12
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Open order quantity * * * *



Sales codes
Säljkoder
Verkaufscodes

Codes de vente
Código de ventas
Codici di vendita

3171

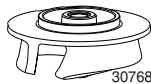
N P 3171.180 MT

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

N =

(NP, NS, NT, NZ)

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

(NP, NS, NT, NZ)

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

(NP, NS, NT, NZ)

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

(NP, NS, NT, NZ)

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, NT, NZ)

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, NT, NZ)

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

HEAD
TRYCK
DRUCK

PRESSION
PRESIÓN
PREVALENZA

MT= Medium-head version
Medeltrycksutförande
Mitteldruckausführung
Curve Nos; (50Hz: 431, 432, 433 and 434)
(60 Hz: 433, 434, 435, 436 and 437)

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

HT = High-head version
Högtrycksutförande
Hochdruckausführung
Curve Nos; (50Hz: 451, 452, 453, 454 and 455)
(60 Hz: 451, 452, 453, 454 and 455)

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



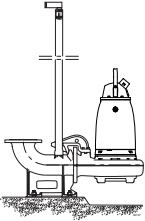
Sales codes
Säljkoder
Verkaufscodes

Codes de vente
Código de ventas
Codici di vendita

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INSTALLATION
INSTALLATION
AUFSTELLUNGSART

INSTALLATION
INSTALACIÓN
INSTALLAZIONE



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

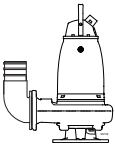
Halvstationär våt installation med pumpen fäst vid två gejrör och med automatisk anslutning till utloppsrioret.

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.

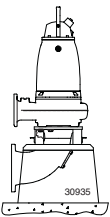
Flyttbar version med slangkoppling eller fläns för anslutning till utloppsrioredning.

Transportabel, nass mit Flanschschluss 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.

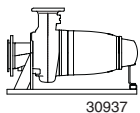
Stationär torr installation med flänsanslutningar till sug- och tryckledningarna; vertikal uppställning.

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.

Rubber Material

NBR Nitrile rubber
FPM Fluor rubber (Hot water up to 70°C, 158°F)

Sensores

FLS 10 Flygt inspection sensor

Sealring Material

WCCR Corrosion Resistant Cemented Carbide
RSiC Silicon Carbide
Al₂O₃ Aluminium Oxide
CSb Carbon

FLYPS 2.0 Flygt Pump Selection

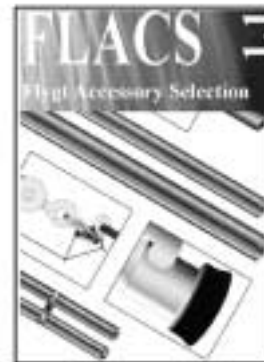
An Engineering Tool



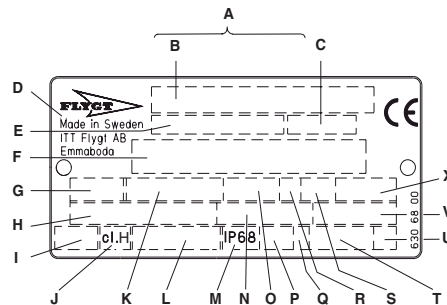
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FLACS 1.1 Flygt Accessory Selection

A Complete Program for Selection of Accessories



30707



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	Nº fabricación
B	Código de producto + Nº
C	Nº curva / Código de hélice
D	País de origen
E	Nº producto
F	Información adicional
G	Nº 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 Schütz
J	Isolationsklasse
K	Nennwellenleistung
L	Internationale Norm
M	Schutzart
N	Nennstrom
O	Nenn Drehzahl
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

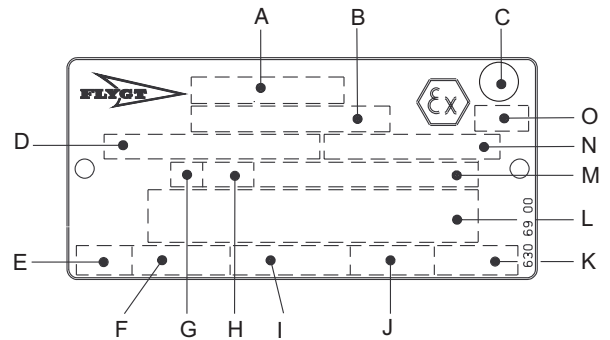


Approval plate
Godkännandeskylt
Prüfschild

Plaque d'agrément
Placa de aprobación
Targhetta di approvazione

3171

EN: European Norm
 ATEX Directive
 European standards EN 50014, EN 50018 and
 EN 1127-1
 EEx d II B T3 for ambient temperatures $\leq 40^{\circ}\text{C}$
 EEx d II B T4 for ambient temperatures $\leq 25^{\circ}\text{C}$



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 Abreißzeit
- F Anlaufstrom / Nennstrom
- G Betriebsklasse
- H Relative Einschaltdauer
- I Aufgenommene Leistung
- J Nenndrehzahl
- K Kontrollstelle
- L Kompletierende Angaben
- M Max. Umgebungstemperatur
- N Serienummer
- 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 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

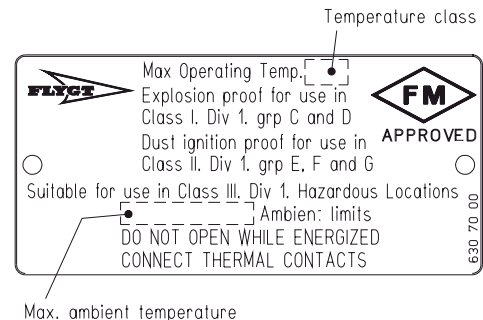
Placa de aprobación


- 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 Mercado 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 Marcatura 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: T3C for ambient temperatures $\leq 40^{\circ}\text{C}$



	Ordering spare parts Reservdelsbeställning Ersatzteilbestellung	Commande des pièces de rechange Pedidos de piezas de recambio Ordinazione parti di ricambio	3171
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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

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

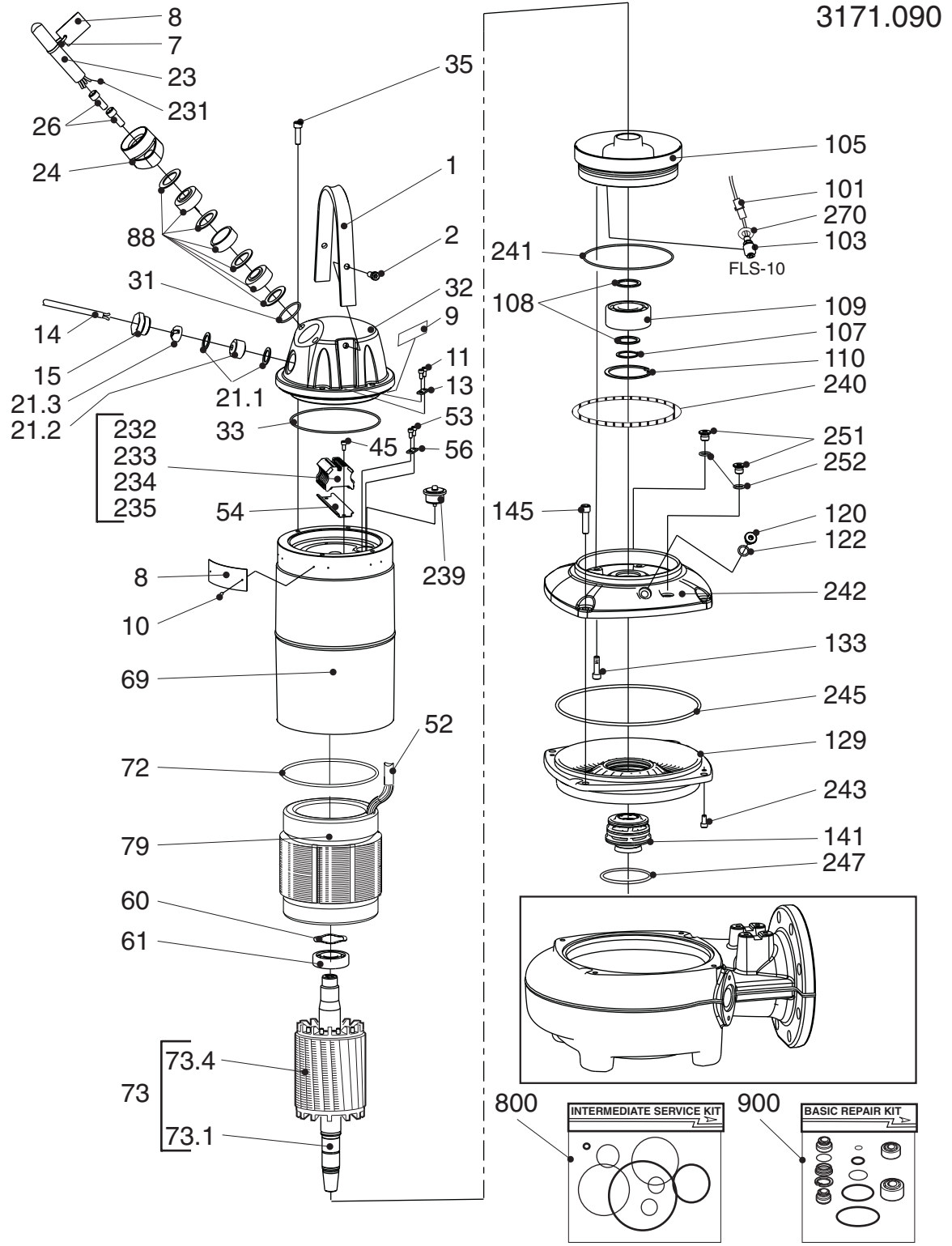
Les pompes Flygt sont des produits de haute qualité, conçus pour fonctionner en toute fiabilité pendant de longues années. Toutefois, en cas de réclamation éventuelle sous le couvert de la garantie, veuillez contacter l'agence Flygt

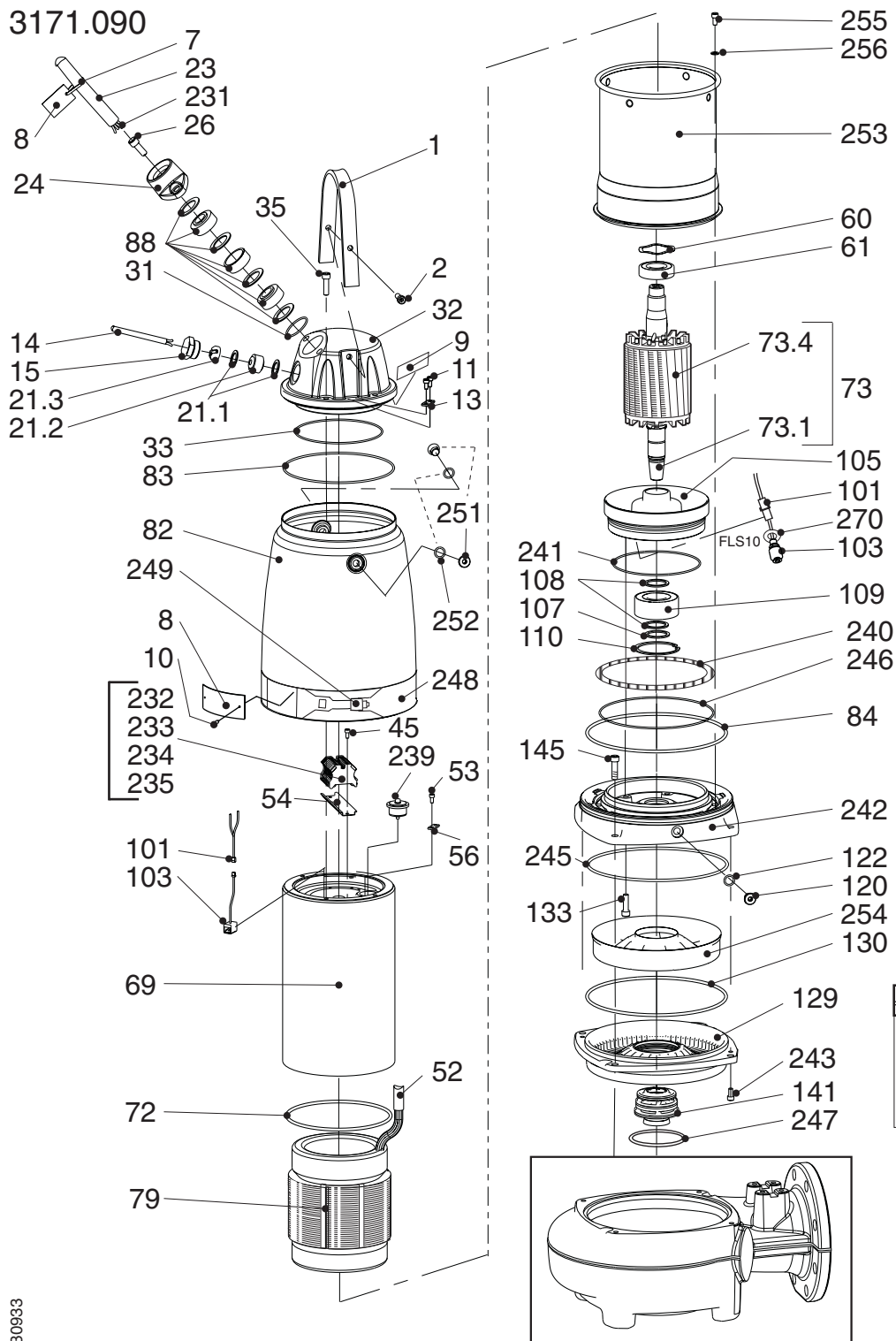
Condizioni di garanzia

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.

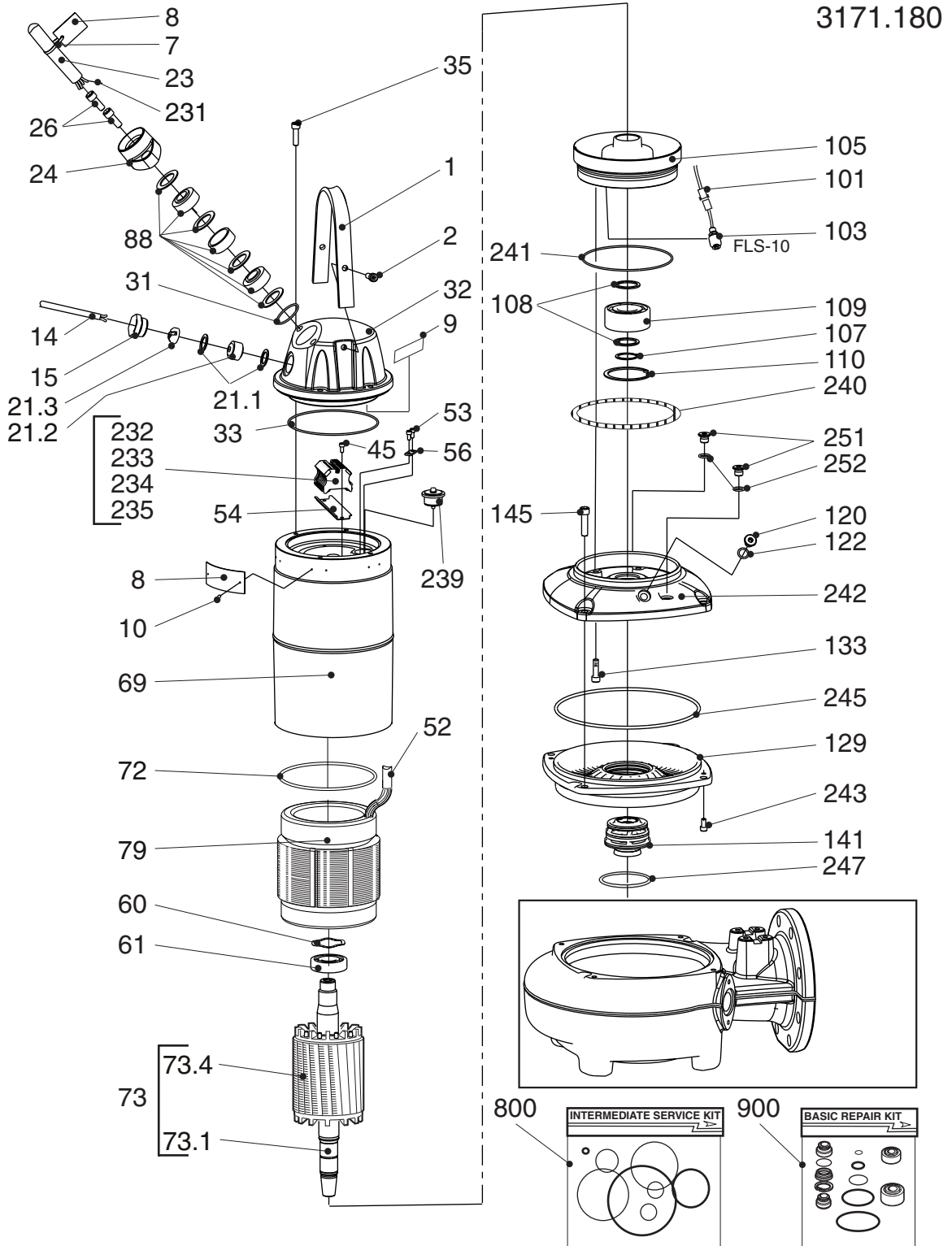
Reclamaciones por garantía

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.

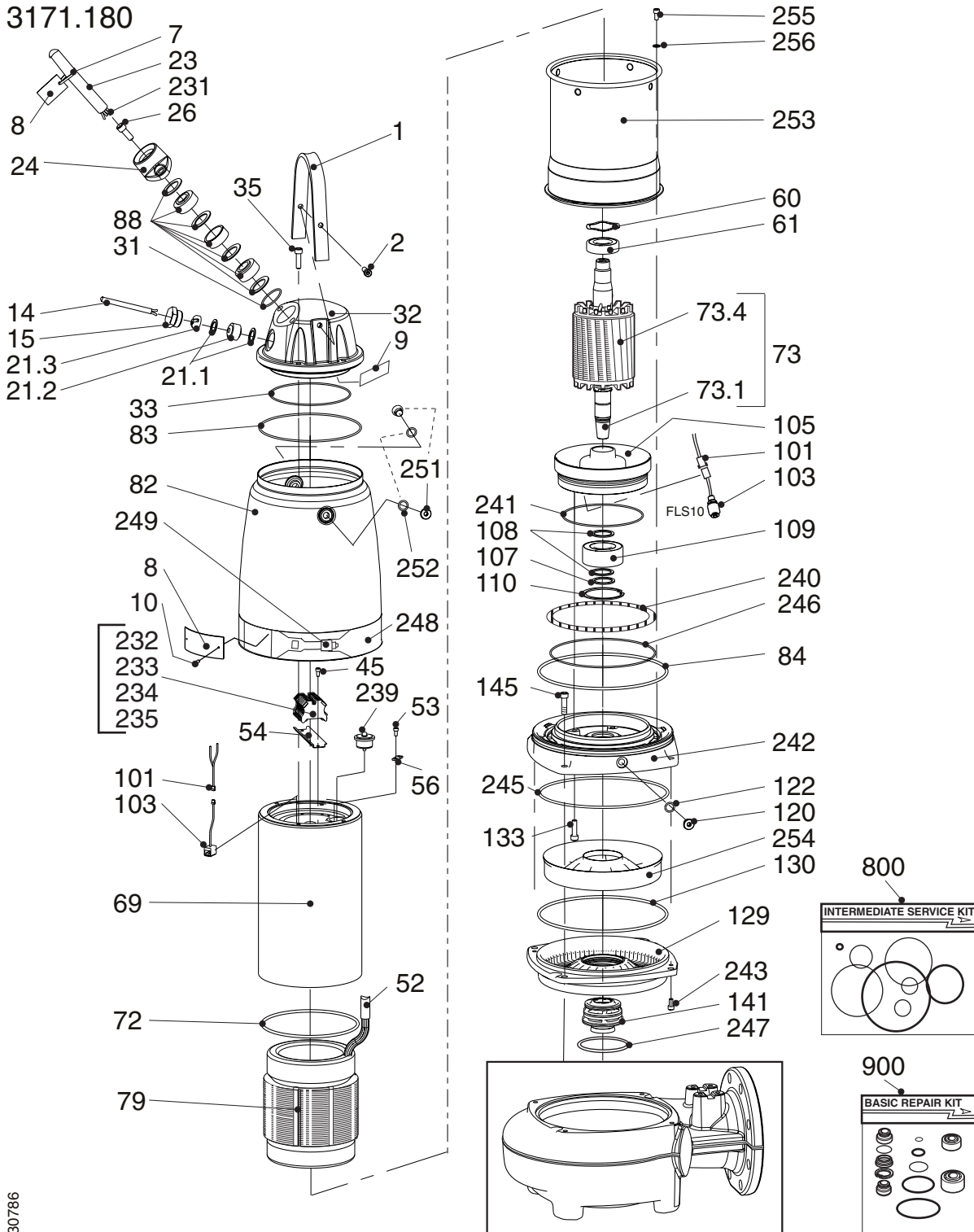




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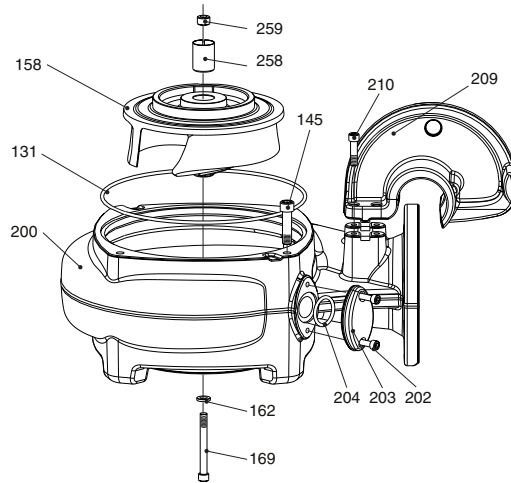
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NP 3171 MT

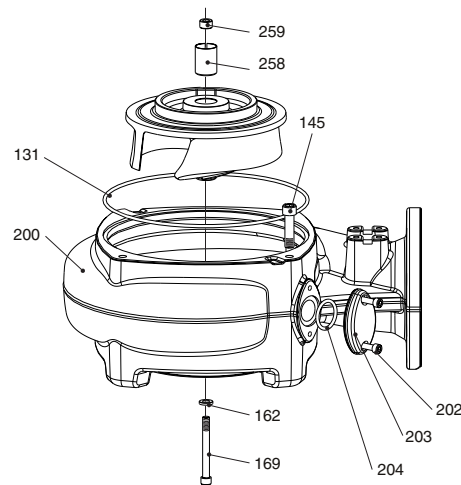
- Curve No **431**
- Kurva nr. **432**
- Kurve Nr. **433**
- Courbe N° **434**
- Curvas N° **435**
- No curva **436**
- 437**



30788

N_ 3171 MT

- Curve No **431**
- Kurva nr. **432**
- Kurve Nr. **433**
- Courbe N° **434**
- Curvas N° **435**
- No curva **436**
- 437**

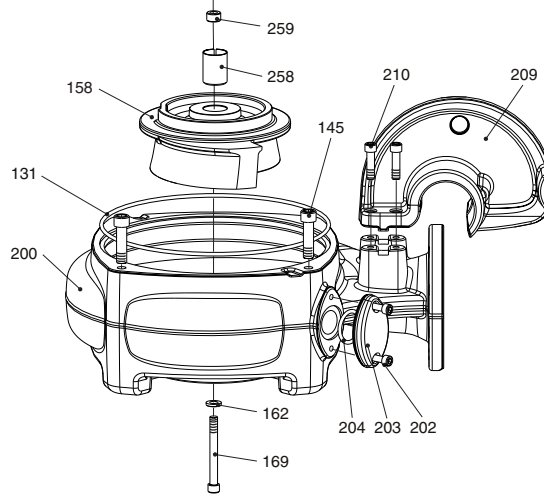


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Hydraulic Parts

NP 3171 HT

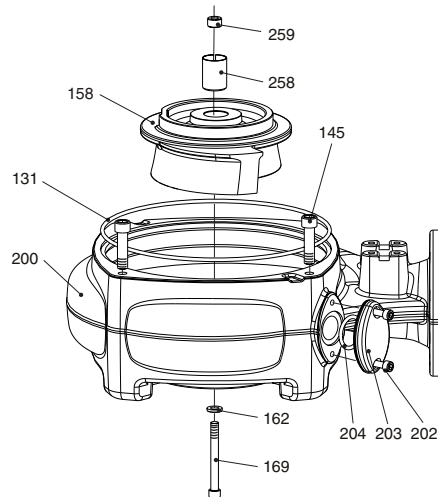
Curve No **451**
 Kurva nr. **452**
 Kurve Nr. **453**
 Courbe N° **454**
 Curvas N° **455**
 No curva



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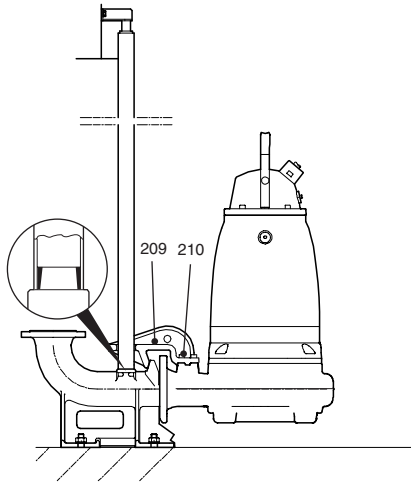
N_ 3171 HT

Curve No **451**
 Kurva nr. **452**
 Kurve Nr. **453**
 Courbe N° **454**
 Curvas N° **455**
 No curva



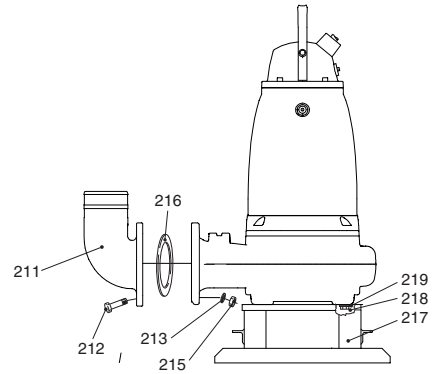
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NP 3171



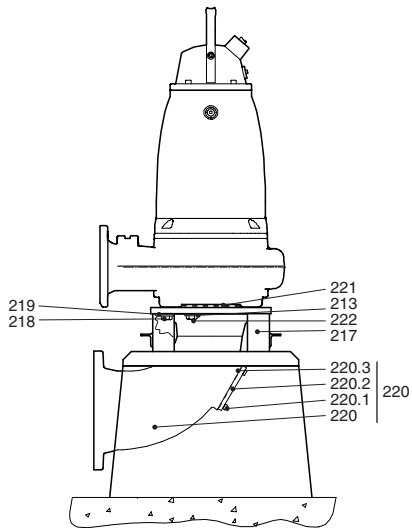
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NS 3171



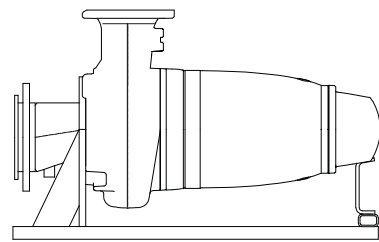
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Sump Components


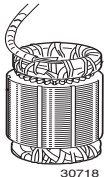
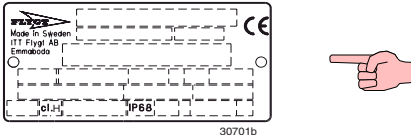
		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
1	651 05 00	LIFTING HANDLE LYFTBYGEL TRAGBÜGEL ETRIER D'ELEVER ABRAZADERA DE ELEVAR MANIGLIA SOLLEVAMEN.	1	1	
2	83 04 53	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M12X45-A4-80 2	2	
7	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	
8	630 68 00 630 69 00 630 70 00	DATA PLATE DATASKYLT DATENSCHILD PLAQUE SIGNALÉTIQUE PLACA DE CARACTERIST TARGA DATI	USE 6306801 AS SPARE PART EX FM APPROVED 1 1 1	1 - -	
9	83 93 50 83 93 51 471 77 02 650 09 00 650 10 00 650 22 00 650 23 00 657 79 00 661 59 00	MARKING STRIP MÅRKREMSA MARKIERUNGSSTREIFE RUBAN DE MARQUAGE FRANJA DE MARCAR TARGA D'IDENTIFICAZ.	5-GW (T1;T2;T15;T16) W2;V2;U2;W5;W1;V5;V1U5;U1 PA6 VIT/WHITE 1 1 1 1 - 1 1 1 1 1	1 1 1 1 1 1 1 1 1	
10	82 20 88 84 24 45	DRIVE SCREW DRIVSKRUV TREIBSCHRAUBE VIS FILETANTE TORNILLO VITE AUTOFILETTANTE	4X5-A2-70 2 4	2 4	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
11	82 00 11	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M6X12-A2-70	2	-
13	642 16 00	EARTHING PLATE SKYDDSLÄDARPLATTA ERDUNGSPLATTE PLAQUE DE TERRE PLACA DE TIERRA PIASTRA DI TERRA		1	-
14	94 19 22	CONTROL CABLE MANÖVERKABEL STEUERKABEL CABLE AUXILIAIRE CABLE AUXILIAR CAVO AUSILIARIO	SUBCAB 7X1,5 mm ² OD=15-17	1	-
15	397 81 00	GLAND SCREW HYLSSKRUV VERSCHRAUBUNG ECROU DE SERRAGE TORNILLO DE CAMISA VITE DI SERRAGGIO		1	1
21.1	82 40 61	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	24.5X35X2-A2-70	2	2
21.2	84 17 92	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO	DIAM=18;L=26	1	1
21.3	398 98 03	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	PA 12, 16-17MM	1	1


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
23		MOTOR CABLE MOTORKABEL MOTORKABEL CABLE DE MOTEUR CABLE DEL MOTOR CAVO DI POTENZA 			
	94 09 31	NSSHÖU 3X6+3X6/3E+3X1,5 max 70°C (158°F) 22 mm	*	*	
	94 09 32	NSSHÖU3X16+3X16/3E+3X2,5 max 70°C (158°F) 28 mm	*	*	
	94 09 37	NSSHÖU 3X2,5+3X2,5/3E+3X1,5 max 70°C (158°F) 18,5 mm	*	*	
	94 20 56	SUBCAB 4G6+2X1.5mm ² , max 70°C (158°F)(23) -25 mm	*	*	
	94 20 57	SUBCAB 4G10+2X1,5mm ² , max 70°C (158°F)(26) -28 mm	*	*	
	94 20 58	SUBCAB 4G16+2X1,5 mm ² , max 70°C (158°F)(26) -28 mm	*	*	
	94 20 59	SUBCAB 4G2,5+2X1,5mm ² , max 70°C (158°F)(17) -18 mm	*	*	
	94 20 60	SUBCAB 4G4+2X1.5mm ² , max 70°C (158°F)(20) -22 mm	*	*	
	94 20 80	SUBCAB 7G4+2X1.5mm ² , max 70°C (158°F)(22) -26 mm	*	*	
	94 20 81	SUBCAB 7G6+2X1,5mm ² , max 70°C (158°F)(24) -28 mm	*	*	
	94 20 82	SUBCAB 7G2,5+2X1,5mm ² , max 70°C (158°F)(20) -23 mm	*	*	
	94 21 04	SUBCAB 12 AWG/7, max 70°C (158°F)(20) -22 mm	*	*	
	94 21 06	SUBCAB 10AWG/3-2-1GC, 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	*	*		
24	642 17 00	ENTRANCE FLANGE	-	1	
	642 17 01	INFÖRINGSFLÄNS EINFÜHRUNGSFLANSCH BRIDE D'ENTREE BRIDA DE ENTRADA FLANGIA ENTRATA CAVO	1	-	
26	83 04 53	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA M12X45-A4-80	2	2	
31	82 74 63	O-RING	1	1	
	82 81 03	O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR 49,5X3,0 NBR 49,5X3,0 FPM	1	1	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
32	650 87 00 650 87 01 650 87 02 650 87 03	ENTRANCE COVER INFÖRINGSLOCK EINFÜHRUNGSDECKEL COUVERCLE D'ENTREE TAPA DE ENTRADA COPERCHIO ENTR. CAVO	- 1 - 1	1 - 1 -	
33	82 74 92 82 75 24	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	194.3X5.7-NBR 194.3X5.7 FPM	1 1	1 1
35	83 04 53	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M12X45-A4-80	4	4
45	82 00 11	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M6X12-A2-70	2	2
52	94 05 90	INSULATING HOSE ISOLERSLANG ISOLIER SCHLAUCH TUYAU ISOLANTE MANGUERA AISLADOR TUBO D'ISOLAMENTO		*	*
53	82 00 11	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M6X12-A2-70	4	4
54	651 04 00	RAIL SKENA SCHIENE RAIL RIEL BARRA		1	1


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
56	642 16 00	EARTHING PLATE SKYDDSLEDARPLATTA ERDUNGSPLATTE PLAQUE DE TERRE PLACA DE TIERRA PIASTRA DI TERRA	2	2	
60	82 56 25	SPRING WASHER FJÄDERBRICKA FEDERSCHEIBE RONDELLE ELASTIQUE ARANDELA ELASTICA RONDELLA ELASTICA	71,5X59,0X6,5	1	1
61	83 30 16	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	3306A-2Z/C3. UPPER BEARING	1	1
69	650 90 00 650 90 01 650 90 02 650 90 03	STATOR HOUSING STATORHUS STATORGEHÄUSE LOGEMENT DE STATOR CARCASA DE ESTATOR ALLOGGIO STATORE		- 1 - 1	1 - 1 -
72	82 74 97 82 80 86	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	239,5X5,7-NBR 239,3X5,7 FPM	1 1	1 1
73	 30716	SHAFT UNIT AXELENHET WELLENEINHEIT UNITE D'ARBRE UNIDAD DE ARBOL ALBERO ROTORE	For motor För motor Für motor Pour moteur Para motor Per motore		
	652 46 00 652 46 01 652 46 02		25-12-4 25-14-4 25-17-4	1 1 1	1 1 1


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171				
Pos.No.	Part No.	Denomination	Qty / Version					
			090	180				
79	 30718	STATOR ESTATOR STATORE  30701b	3~, 50 Hz, 15 kW, 1460 r/min (27-14-4AA)	3~, 60 Hz, 18,6 kW (25 hp), 1755 r/min (25-14-4AA)				
			647 25 01 690V Y - 400V D 647 25 02 400V Y - 230V D 647 25 05 415 - 440V D 647 25 06 500V D 647 25 07 — 657 94 05 415 - 440V D (With termistors)	460V D 460V Y- 260V D — 575 - 600V D 460Y SER - 230Y // —	1 1 1 1 1 1 1 1 1 1 - 1			
			3~, 50 Hz, 13 kW, 1460 r/min (25-12-4AA)	3~, 60 Hz, 14,9 kW (20 hp), 1755 r/min (25-12-4AA)				
			647 51 01 690V Y - 400V D 647 51 02 400V Y - 230V D 647 51 05 415 - 440V D 647 51 06 500V D 647 51 07 — 657 93 05 415 - 440V D (With termistors)	460V D 260V D — 575 - 600V D 460Y SER - 230Y // —	1 1 1 1 1 1 1 1 1 1 - 1			
			3~, 50 Hz, 18.5 kW, 1460 r/min (25-17-4AA)	3~, 60 Hz, 22 kW (30 hp), 1755 r/min (25-17-4AA)				
			647 62 01 690V Y - 400V D 647 62 02 400V Y - 230V D 647 62 05 440 - 415V D 647 62 06 500V D 647 62 07 — 657 95 05 415 - 440V D (With termistors)	460V D 460V Y - 260V D — 575 - 600V D 460Y SER - 230Y // —	1 1 1 1 1 1 1 1 1 1 - 1			
			82	650 93 00	OUTER CASING KÅPA MANTEL COIFFE CAPOTA CAMPANA		1	1
			83	82 74 99	O-RING	259.3X5.7 NBR	1	1
				82 81 06	O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	259,3X5,7 FPM	1	1


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
84	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			
88	649 38 01	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH. ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	(17) - 18 mm	1	1
88.1	82 40 81	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	32.5X52X2-A2-70	4	4
88.2	84 18 01	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO	(17) - 20 mm	2	2
88.3	597 98 02	RING RING RING ANNEAU ANILLO ANELLO		1	1
88	649 38 02	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	(20) - 22 mm	1	1
88.1	82 40 82	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	34,5X52X2-A2-70	4	4


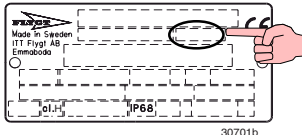
		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
88.2	84 18 02	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO (20)-23 mm	2	2	
88.3	597 98 02	RING RING RING ANNEAU ANILLO ANELLO	1	1	
88	649 38 03	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO (23) - 25 mm	1	1	
88.1	82 40 82	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA 34,5X52X2-A2-70	4	4	
88.2	84 18 03	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO (23) - 26 mm	2	2	
88.3	597 98 02	RING RING RING ANNEAU ANILLO ANELLO	1	1	
88	649 38 04	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH. ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO (26) - 28 mm	1	1	


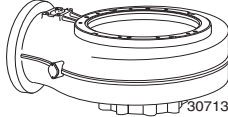





		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
88.1	82 40 82	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	34,5X52X2-A2-70	4	4
88.2	84 18 04	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO	DIAM=29;L=26	2	2
88.3	597 98 02	RING RING RING ANNEAU ANILLO ANELLO		1	1
88	649 38 05	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	(29) - 32 mm	1	1
88.1	82 40 82	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	34,5X52X2-A2-70	4	4
88.2	84 18 05	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO	DIAM=31,5;L=26	2	2
88.3	597 98 02	RING RING RING ANNEAU ANILLO ANELLO		1	1


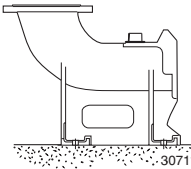







		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
88	649 38 06	CABLE ENTRY UNIT INFÖRINGSENHET KABELEINFÜHRUNGSEINH. ENTREE DE CABLE UNIT ENTRADA DE CABLE UNI UNITA' ENTRATA CAVO	(32) - 35 mm	1	1
88.1	82 40 69	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	35,5X52X2-A2-70	4	4
88.2	84 18 06	SEAL SLEEVE TÄTNINGSHYLSA DICHTUNGSHÜLSE DOUILLE DE JOINT MANGUITO DE JUNTA GOMMINO ENTR.CAVO		2	2
88.3	597 98 02	RING RING RING ANNEAU ANILLO ANELLO		1	1
101	650 51 00	CABLE UNIT SLADDENHET KABELEINHEIT UNITE DE CABLE UNIDAD DE CABLE UNITA' CAVO	Intended for FLS10	1	1
103	608 26 00	LEVEL SENSOR NIVÅGIVARE SCHWIMMSCHALTER EMETTEUR DE NIVEAU EMISOR DE NIVEL SENSORE DI LIVELLO	FLS10	1	1
105	650 80 00 650 80 01	BEARING HOLDER LAGERHÅLLARE LAGERHALTER SUPPORT DE ROULEMENT SUJETADOR DE COJIN. SUPP. CUSCINETTO		- 1	1 -



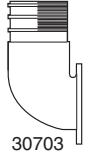
		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
107	82 59 12	RETAINING RING SPÄRRING NUTRING CIRCLIP ANILLO DE PRESION ANELLO DI SICUREZZA	1	1	
108	82 44 19	SUPPORTING WASHER STÖDBRICKA STUETZSCHEIBE RONDELLE DE SUPPORT ARANDELA DE SOPORTE RONDELLA DI SUPPORTO	S 55X68X3 2	2	
109	83 30 21	BALL BEARING KULLAGER KUGELLAGER ROULEMENT A BILLES COJINETE DE BOLAS CUSCINETTO A SFERE	3311A-2Z/C3. LOWER BEARING 1	1	
110	83 07 63	RETAINING RING SPÄRRING NUTRING CIRCLIP ANILLO DE PRESION ANELLO DI SICUREZZA	1	1	
120	642 13 00	INSPECTION SCREW INSPEKTIONSSKRUV INSPEKTIONSSCHRAUBE VIS D'INSPECTION TORNILLO DE INSPECT. VITE D'ISPEZIONE	1	1	
122	82 76 85 82 79 15	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	17,0X3,0 NBR 17,0X3,0 FPM 1 1	1 1	
129	650 78 00	SEAL HOUSING COVER TÄTNINGSHUSLOCK DICHTUNGGEH.DECKEL BOITIER DE JOINT CO. CAJA DE JUNTA TAPA ALLOGGIO TENUTA COP.	1	1	


		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
130	82 78 59	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	290,0X3,0 NBR	1	1
131	82 75 05	O-RING	339,3X5,7 NBR	1	1
	82 75 23	O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	339,3X5,7 FPM	1	1
133	83 04 53	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M12X45-A4-80	6	6
141	619 64 00	MECHANICAL SEAL PLANTÄTNING GLEITRINGDICHTUNG	Seal material, Inner:WCCR/WCCR Outer:WCCR/WCCR	1	1
	619 64 01	JOINT MECANIQUE JUNTA MECANICA TENUTA MECCANICA	Inner:WCCR/WCCR Outer:RSIC/RSIC	1	1
	619 64 02		Inner:Al ₂ O ₃ /CSB Outer:WCCR/WCCR	1	1
145	83 04 58	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M16X60-A4-80	4	4


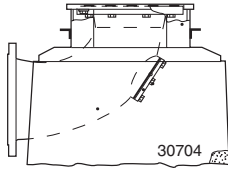


		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
158		IMPELLER PUMPHJUL LAUFRAD ROUE IMPULSOR GIRANTE	Curve No: Kurva nr. Kurve Nr. Courbe N° Curvas N° No curva		
	650 96 00	N - High head	451, 50-60 Hz, 3~	1	1
	650 96 17	N - High head	452, 50-60 Hz, 3~	1	1
	650 96 34	N - High head	453, 50-60 Hz, 3~	1	1
	650 96 50	N - High head	454, 50-60 Hz, 3~	1	1
	650 96 64	N - High head	455, 50-60 Hz, 3~	1	1
	650 97 00	N - Medium head	431, 50 Hz, 3~	1	1
	650 97 12	N - Medium head	432, 50 Hz, 3~	1	1
	650 97 24	N - Medium head	433, 50-60 Hz, 3~	1	1
	650 97 34	N - Medium head	434, 50-60 Hz, 3~	1	1
	650 97 44	N - Medium head	435, 60 Hz, 3~	1	1
	650 97 54	N - Medium head	436, 60 Hz, 3~	1	1
	650 97 64	N - Medium head	437, 60 Hz, 3~	1	1
162	82 37 05	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	A2-A 200	1	1
169	83 04 55	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M12X110-A4 80	1	1




		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
200		PUMP HOUSING PUMPHUS PUMPENGHÄUSE CORPS DE POMPE CUERPO DE BOMBA CORPO POMPA			
	650 98 00	"HT" High head version Flange 100 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio	 Undrilled	1	1
	650 98 01	"HT" High head version Flange 100 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio	 Drilled to EN 1092-2 Table 9	1	1
	650 98 05	"HT" High head version Flange 100 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio	 Drilled to ANSI B16.1- Table 5	1	1
	650 99 00	"MT" Medium head version Flange 150 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio	 Undrilled	1	1
	650 99 06	"MT" Medium head version Flange 150 For flush valve Pour vanne de brassage För omrörarventil Para válvula de limpieza Führ Rührwerkventil Per valvola di flussaggio	 Drilled to EN 1092-2 Table 9. ANSI B16.1-1989 Table 5	1	1
202	83 04 56	SOCKET HEAD SCREW SEKKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M10X35-A4-80	2	2
203	648 00 00	COVER LOCK DECKEL COUVERCLE TAPA COPERCHIO		1	1




		Pump parts Pumpdetaljer Pumpenteile	Pièces de la pompe Piezas para bombas Parti pompa	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
204	82 74 01 82 81 93	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	44,2X5,7 NBR 44,2X5,7 FPM	1 1	1 1
		Installation Installation Aufstellungsart	_ P	Installation Instalacion Installazione	
205		DISCHARGE CON.STAT. TRYCKANSL. STATIONÄR DRUCKANSCHLUSS STAT. ORIFICE DE REF.STAT. ORIFICIO DE REC.STAT PIEDE ACCOPPIAMENTO			
	444 70 00	DN 150 "MT" Medium head version	 Undrilled	1	1
	444 70 06	DN 150 "MT" Medium head version	 Drilled to EN 1092-2 Table 9 ANSI B16.1:1989 Table 5	1	1
	540 13 00	DN 100 "HT" High head version	 Undrilled	1	1
	540 13 01	DN 100 "HT" High head version	 Drilled to EN 1092-2 Table 9	1	1
	540 13 05	DN 100 "HT" High head version	 Drilled to ANSI B16.1:1989 Table 5	1	1
	620 01 10	DN 100 Right	 Undrilled. Intended for "TOP 100" and "TOP 150"	1	1
	620 02 10	DN 100 Left	 Undrilled. Intended for "TOP 100" and "TOP 150"	1	1



		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3171		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180		
205	620 03 10	DN 150 Right		Undrilled. Intended for "TOP 100" and "TOP 150"	1	1
	620 04 10	DN 150 Left		Undrilled. Intended for "TOP 100" and "TOP 150"	1	1
209	651 07 00	SLIDING BRACKET	2"		1	1
	651 08 00	GLIDSKO GLEITKLAUE GRIFFE DE GLISSEM. GARRA DE DESLIZ. SLITTA SCORREVOLE	3"		1	1
210	83 04 53	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	M12X45-A4-80		4	4
		Installation Installation Aufstellungsart	_ S	Installation Instalacion Installazione		
211		DISCHARGE CONNECTION TRYCKANSLUTNING DRUCKANSCHLUSS ORIFICE DE REFOULEM. ORIFICIO DE RECALC. ATTACCO TUBO		 30703		
	259 82 02	Ø 100 (4"), "HT" High head			1	1
	259 84 00	Ø 100 4-8 NPSM, "HT" High head			1	1
	259 84 01	Ø 100 ISO G4 A, "HT" High head			1	1
	295 57 00	Ø 150 (6"), "MT" Medium head			1	1
	309 31 00	Ø 150 6-8 NPSM "MT" Medium head			1	1
309 31 01	Ø 150 ISO G6 A "MT" Medium head			1	1	
212	84 34 07	HEXAGON HEAD BOLT	M16X60-A2-70	High head	4	4
	84 34 32	SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG BULLONE TESTA ESAG.	M20X70-A2-70	Medium head	8	8


		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
213	82 35 23	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	16-A2-A 140	4	4
215	82 23 61	HEXAGON NUT	M16-A2-70 High head	4	4
	82 23 62	SEKKANTMUTTER MUTTER ECROU TUERCA DADO ESAGONALE	M20-A2-70 Medium head	8	8
216	259 83 00	GASKET	4" High head	1	1
	295 64 00	PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	6" Medium head	1	1
217	380 92 01	STAND COMPL.	Intended for NT; Medium head	1	1
	396 11 00	STATIV KOMPL. STATIV KOMPL. BATI COMPL. BASTIDOR COMPL. CAVALLETTO COMPL.	Intended for NS; Medium head and High head, NT; High head	1	1
218	84 34 03	HEXAGON HEAD SCREW	M16X40-A2-70 NT; High head, NS; Medium/High head	4	4
	84 34 07	SEKSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M16X60-A2-70 NS, NT; High head	4	4
219	82 35 23	WASHER	16-A2-A 140	4	4
	82 35 26	BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	20-A2-A 140	8	8


		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
		Installation Installation Aufstellungsart	Installation Instalacion Installazione		
220		SUCTION PIPE UNIT SUGRÖRSENHET SAUGROHR EINHEIT TUYAU D'ASPIRAT.UNIT TUBO DE ASPIRAC.UNID UNITA'CURVA ASPIRAZ.			
220	381 77 30	DN 250 (10") Medium head	 Undrilled	1	1
220.1	81 41 56	HEXAGON HEAD SCREW SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M12X35-A2-70	4	4
220.2	274 48 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE		1	1
220.3	274 45 01	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA		1	1
220	381 77 31	DN 250 (10") Medium head	 Drilled to EN 1092-2 Table 8	1	1
220.1	81 41 56	HEXAGON HEAD SCREW SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M12X35-A2-70	4	4
220.2	274 48 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE		1	1


		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
220.3	274 45 01	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	1	
220	381 77 35	DN 250 (10") Medium head	 Drilled to ANSI B16.1-1989	1	1
220.1	81 41 56	HEXAGON HEAD SCREW SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M12X35-A2-70	4	4
220.2	274 48 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE		1	1
220.3	274 45 01	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA		1	1
220	381 77 37	DN 250 (10") Medium head	 Drilled to 1092-2 Table 9	1	1
220.1	81 41 56	HEXAGON HEAD SCREW SEXKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M12X35-A2-70	4	4
220.2	274 48 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE		1	1


		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3171		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180		
220.3	274 45 01	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	1		
220	272 82 20	DN 200 (8") High head		Undrilled	1	1
220.1	81 52 49	HEXAGON SCREW SEXKANTSKRUV SCHRAUBE VIS TORNILLO VITE ESAGONALE	4	4		
220.2	274 48 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	1		
220.3	274 45 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	1		
220	272 82 26	DN 200 (8") High head		Drilled to EN 1092-2 Table 8 ANSI B16.1-1989 Table 5	1	1
220.1	81 52 49	HEXAGON SCREW SEXKANTSKRUV SCHRAUBE VIS TORNILLO VITE ESAGONALE	4	4		
220.2	274 48 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	1		

		Sump components Pumpgropsdetaljer Schachteinbauteile	Equipment du puisard Equipo para pozo negro Componenti per versione	3171		
Pos.No.	Part No.	Denomination	Qty / Version			
			090	180		
220.3	274 45 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	1		
220	272 82 27	DN 200 (8") High head	 Drilled to EN 1092-2 Table 9	1	1	
220.1	81 52 49	HEXAGON SCREW SEKANTSKRUV SCHRAUBE VIS TORNILLO VITE ESAGONALE		4	4	
220.2	274 48 00	GASKET PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	1	1		
220.3	274 45 00	CLEANING DOOR RENSLUCKA REINIGUNGSDECKEL REGARD DE NETTOYAGE PUERTA DE LIMPIEZA PORTA PULITURA	1	1		
221	84 65 87	GASKET	150 PN10	Intended for High head	1	1
	84 65 88	PACKNING PACKUNG JOINT JUNTA GUARNIZIONE	200 PN10	Intended for Medium head	2	2
222	84 34 03	HEXAGON HEAD SCREW SEKANTSKRUV SECHSKANTSCHRAUBE VIS A TÊTE HEXAGONAL TORNILLO DE CAB.EXAG VITE TESTA ESAGONALE	M16X40-A2-70	4	4	

		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
227	83 19 34	COUPLING PART KOPPLINGSHALVA KUPPLUNGSHÄLFTE SEMI ACCOUPLEMENT SEMI ACOPLAMIENTO SEMI-GIUNTO	R 4" High head	1	1
	83 19 36		R 6" Medium head	1	1
231	93 00 77	SHRINK HOSE KRYMPSLANG SCHRUMPFSCHLAUCH TUYAU DE FRETTAGE MANGUERA DE SUNCHADO TUBO DI RIDUZIONE	ID 6,4,	*	*
	93 00 78		ID 9,5	*	*
232	83 53 36	TERMINAL CLAMP KOPPLINGSKLÄMMA ANSCHLUSSKLEMME BORNE DE RACCORDEM. BORNE DE CONEXION MORSETTO	WEIDMÜLLER WDU2,5	3	3
233	83 53 37	TERMINAL CLAMP	WEIDMÜLLER WDU10/16	6	6
	83 53 58	KOPPLINGSKLÄMMA	WEIDMÜLLER WDU6/10	6	6
	83 53 61	ANSCHLUSSKLEMME BORNE DE RACCORDEM. BORNE DE CONEXION MORSETTO	WDU16,1000 V	6	6
234	83 53 38	CROSS CONNECTION	WEIDMÜLLER WQV 10/2	3	3
	83 53 59	TVÄRFÖRBINDNING	WEIDMÜLLER WQV 6/2	3	3
	83 53 68	QUERVERBINDUNG	WQV 16/10	1	1
	650 20 00	CONNEXION TRANSVERS.		1	1
	650 20 01	CONEXION TRANSVERS. COLLEGAM.TRASVERSALE		1	1
235	83 53 53	END SUPPORT	EW 35/1	1	1
	83 53 54	ÄNDSTOPP ENDANSCHLAG ARRET DE BOUT TOPE DE DETRAS SUPPORTO FINALE	WEW 35/2	2	2
239	650 84 00	LEAD THROUGH UNIT	For motorcables 16mm ²	1	1
	650 84 01	GENOMFÖRINGSENHET DURCHFÜHRUNG EINHEIT PASSAGE UNITE PASO UNIDAD UNITA' PASSAGG.TERM.	For motorcables 6mm ²	1	1

		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
240	607 48 04	SPRING FJÄDER FEDER RESSORT RESORTE MOLLA	1	1	
241	82 74 95	O-RING	1	1	
	82 75 21	O-RING	1	1	
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	219,3X5,7-NBR 219,3X5,7-FPM		
242	650 88 00	ADAPTER	-	1	
	650 88 01	MELLANDEL	1	-	
	650 89 00	ZWISCHENTEIL	-	1	
	650 89 01	ADAPTEOR ADAPTOR	1	-	
243	83 04 61	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	2	2	
245	82 75 05	O-RING	1	1	
	82 75 23	O-RING	1	1	
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	339,3X5,7 NBR 339,3X5,7 FPM		
246	82 78 59	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	1	1	
247	82 95 70	O-RING O-RING O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR	1	1	
			92,0X4,0 FPM		

		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
248	608 27 01	STRIP BAND BAND BANDE BANDAS	1	1	
249	82 32 50	CLAMP KLÄMMA KLEMME CRAMPON ABRAZADERA FASCETTA	1	1	
251	642 13 00	INSPECTION SCREW INSPEKTIONSSKRUV INSPEKTIONSSCHRAUBE VIS D'INSPECTION TORNILLO DE INSPECT. VITE D'ISPEZIONE	2	2	
252	82 76 85	O-RING	2	2	
	82 79 15	O-RING	2	2	
		O-RING ANNEAU TORIQUE ANILLO TORICO ANELLO OR			
253	650 94 00	COOLING JACKET KYLKÅPA KUEHLMANTEL COIFFE REFROIDISSEUR CAPOTA REFRIGERANTE CAMPANA RAFFREDDAMEN	1	1	
254	651 06 00	FLOW DIFFUSER FLÖDES DIFFUSOR STRÖMUNGSKONUS DIFFUSEUR DE COURANT DIFUSOR DE CORRIENTE DIFFUSORE CORRENTE	1	1	
255	82 00 11	SOCKET HEAD SCREW SEXKANTHÅLSKRUV SCHRAUBE VIS TORNILLO VITE A BRUGOLA	4	4	

		Motor parts Motordetaljer Motorteile	Pièces du moteur Piezas del motor Parti motore	3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
256	608 24 00	WASHER BRICKA SCHEIBE RONDELLE ARANDELA RONDELLA	4	4	
258	651 03 00	SLEEVE HYLSA HUELSE DOUILLE MANGUITO BUSSOLA	1	1	
259	643 66 00	GLAND SCREW HYLSSKRUV VERSCHRAUBUNG ECROU DE SERRAGE TORNILLO DE CAMISA VITE DI SERRAGGIO	1	1	
270	608 31 00	LOCK WASHER LÅSBRICKA SICHERUNGSBLECH RONDELLE DE BLOCAGE ARANDELA DE CIERRE RONDELLA DI BLOCCAG.	1	-	
300	83 58 57	ALARM UNIT "MINCAS" II LARMCENTRAL ALARMZENTRALE CENTRALE DE ALARME CENTRAL DE ALARMA UNITA' D'ALLARME	1	1	

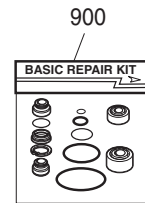
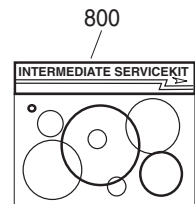
82 96 96	IS KIT	Standard 3171.090/180
82 96 97	IS SATS IS SATZ JEU DE IS JUEGO DE IS	Warm liquid version up to 70°C, (158°F) 3171.090/180
657 17 01	BASIC REPAIR KIT	Standard
657 17 02	GRUNDREPARATIONSSATS GRUNDREPARATURSATZ KIT PALIER JUEGO BASICO DE REP. KIT DI RIPARAZIONE	Warm liquid version up to 70°C, (158°F)

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

I (* = Warm liquid version)				B			
Item No	Part No.	Denomination	Qty	Item No	Part No.	Denomination	Qty
31	82 74 63	O-RING	1	800	82 96 96	O-RING KIT	1
	82 81 03*	(Entrance flange)	1		82 96 97*		
33	82 74 92	O-RING	1	60	82 56 25	SPRING WASHER	1
	82 75 24*	(Entrance cover)	1				
72	82 74 97	O-RING	1	61	83 30 16	BALL BEARING	1
	82 80 86*	(Conversion part)	1				
83	82 74 99	O-RING	1	107	82 59 12	RETAINING RING	1
	82 81 06*	(Cooling jacket external)	1				
84, 245	82 75 05	O-RING	2	109	83 30 21	BALL BEARING	1
	82 75 23*	(Cooling jack ext.)	2				
				110	83 07 63	RETAINING RING	1
				141	619 64 00	MECHANICAL SEAL	1



Recommended spare parts


3171

I

(* = Hot water version)

Item No	Part No.	Denomination	Qty
122, 252	82 76 85	O-RING	2
	82 79 15*	(Inspection screw)	2
130, 246	82 78 59	O-RING	2
204	82 74 01	O-RING	1
	82 81 93*	(Cover for flush valve)	1
240	607 48 04	SPRING	1
241	82 74 95	O-RING	1
	82 75 21*	(Bearing holder)	1
247	82 95 70	O-RING (Mechanical seal)	1

Recommended spare parts

		Parts for Service		3171	
Pos.No.	Part No.	Denomination	Qty / Version		
			090	180	
	90 37 08	MONOPROPYLENE GLYCOL MONOPROPOLENEGLYKOL MONOPROLYLEN GLYKOL	Pump without cooling jacket = approx. 4,6 litres (4.9 US quarts) Pump with cooling jacket = approx. 16,7 litres (17.6 US quarts)	*	*
		Tools	Range of use		
	83 95 42	Pump	Inspection room	*	*
	84 08 02	Circlip plier (SGA 19-60 mm)	Mechanical seal unit	*	*
	84 08 11	Circlip plier (SGH 85 165 mm)	Outer bearing	*	*
	84 08 60	Crow bar (2x)	Mechanical seal unit	*	*
	84 10 16	Ratchet handle	Sockets	*	*
	84 11 40	Combination wrench	Level switch	*	*
	84 13 03	Hexagon bit adapter	Terminal's rail, earthing	*	*
	84 13 05	Hexagon bit adapter	Pugs, connection cover, lift handle	*	*
	84 13 06	Hexagon bit adapter	Impeller screw, cable entry, seal housing cover	*	*
	84 13 01	Hexagon bit adapter	Pump housing	*	*
	84 13 62	Puller	Inner bearing	*	*
	84 14 80	Hexagon bit adapter	Impeller	*	*
	84 14 89	Allen keys set (9x)	Mechanical seal unit	*	*
	84 15 55	Extension bar (L= 125 mm)	Sockets	*	*
	332 91 00	Puller	Spring	*	*
	398 57 00	Mounting socket	L=80-15/95MM Plug-in seal fitting	*	*
	608 23 00	Stand	Pump fixation 3153, 3171	*	*
	651 19 00	Bearing puller	Main bearing handling	*	*

Parts for Service



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