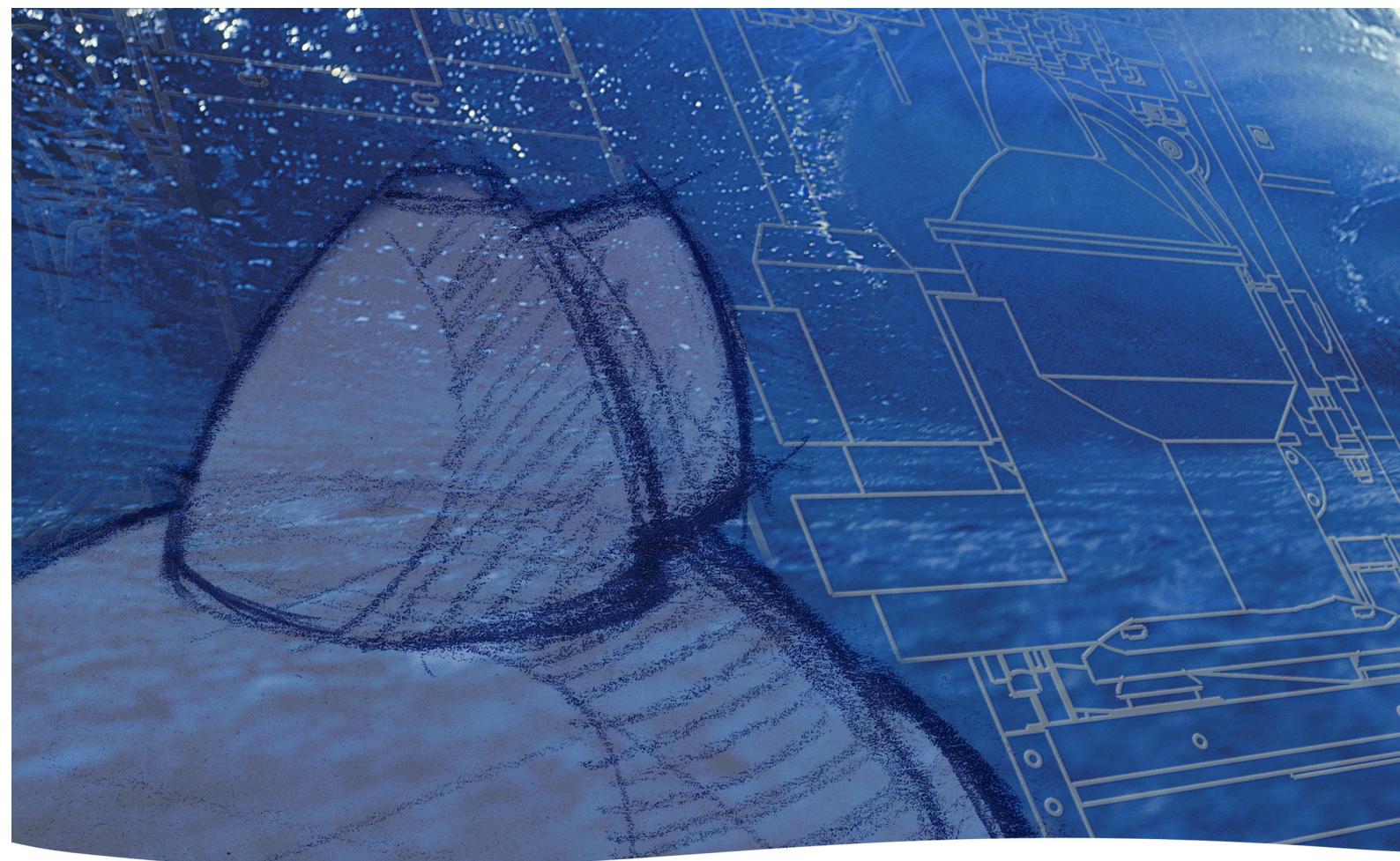


S 937

Spare Parts Catalogue



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Spare parts catalogue

Reservdelskatalog

Ersatzteilkatalog

Catalogue de pièces de
rechange

Catalogue de piezas de
recambio

Каталог запасных
частей

Catalogo parti di ricambio

Catalogo de pecas sobressalentes

Varaosaluettelo

Καταλογός ανταλλακτικών

Reserveonderdelen-catalogus

Reservedelskatalog

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Original instructions

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1 Read this first



- en** The name plate - the guide for finding the correct spare part numbers. See also Warnings in chapter "1.1 General information" on page [7](#).
- sv** Maskinskytten - en guide till det rätta reservdelsnumret. Se även Varningar i kapitel "1.1 Allmän information" på sidan [8](#).
- de** Das Typenschild - ein Hinweis zur korrekten Ersatzteilnummer. Siehe auch Warnhinweise in Kapitel "1.1 Allgemeine Informationen" auf Seite [9](#).
- fr** La plaque de la machine - un guide pour trouver le numéro de pièce de rechange correct. Voir à ce propos les mises en garde du chapitre "1.1 Informations générales" en page [10](#).
- es** La placa-marca de la máquina - guía del número correcto del repuesto. Consulte también las Advertencias del capítulo "1.1 Información General" en la página [11](#).
- ru** Фирменная табличка машины — указатель правильного номера запасной части. См. также предупреждения в главе "1.1 Общие сведения" на странице [12](#).
- it** La targhetta della macchina - guida al corretto numero dei ricambi. Vedere anche le Avvertenze nel capitolo "1.1 Informazioni generali" a pagina [13](#).
- pt** A placa do fabricante da máquina - um guia do número correto das partes sobressalentes. Consultar também os Avisos no capítulo "Informação Geral" da página [14](#).
- fi** Konekilpi - opastin oikeaan varaosanumeroon. Katso myös kappaleessa 1.1 sivulla [15](#) olevaa kohtaa "Yleiset tiedot".
- el** Η πινακίδα της μηχανής είναι ο οδηγός του σωστού ανταλλακτικού. Δείτε επίσης τις προειδοποιήσεις του κεφαλαίου "1.1 ΓΕΝΙΚΕΣ ΠΛΗΡΟΦΟΡΙΕΣ", στη σελίδα [16](#).
- nl** Het gegevensplaatje - een wegwijzer naar het juiste onderdeelnummer. Zie ook Waarschuwingen in hoofdstuk "1.1 Algemene informatie", op blz. [17](#).
- da** first Typeskiltet - en guide til det rette reservedelsnummer. Se også under Advarsler i kapitel "1.1 Generelle oplysninger" på side [18](#).

1.1 General information

en

Safeguard your commitment to quality by always using genuine Alfa Laval spare parts.

Remember, Alfa Laval cannot accept responsibility for the failure of separator equipped with non-original spare parts. We guarantee the quality and reliability of our products.



WARNING B

When changing certain parts in the separator bowl assembly, the vibration level may increase. This can result in shorter life time of components like rolling bearings and gears. If severe unbalance occurs, the rotating bowl assembly can come into contact with the frame causing damage to equipment and injuries to personnel. It is strongly recommended that the exchange of parts is **supervised by an Alfa Laval service engineer**. Alfa Laval assumes no liability for damage to property or injury to personnel resulting from unauthorized installation of those parts.



WARNING C

Certain bowl parts carry milling marks from the balancing of the complete separator bowl. These parts must not be replaced without rebalancing the complete bowl. The rebalancing should be made by an Alfa Laval service shop.

sv

Följ ditt kvalitetstänkande genom att endast använda Alfa Laval originalreservdelar.

Kom ihåg att Alfa Laval inte tar något ansvar för fel på en separator som innehåller icke-originaldelar. Vi garanterar kvaliteten och driftsäkerheten hos våra egna produkter.



VARNING B

Om vissa delar i separatorkulan byts ut, kan vibrationsnivån komma att öka. Detta kan i sin tur leda till förkortad livslängd på t.ex. lager och växlar. Om kraftiga vibrationer uppstår, kan den roterande kulan komma att slå i stativets delar, vilket kan medföra allvarlig maskin- och personskada. Det är därför av stor vikt att utbyta av kulans delar **övervakas av en serviceingenjör från Alfa Laval**. Alfa Laval tar inget ansvar för maskin- eller personskador som kan uppkomma på grund av att delar bytts ut av icke auktoriserad personal.



VARNING C

Vissa av separatorkulans delar har urfrästa spår som resultat av balansering av hela kulan. Dessa delar kan inte bytas ut utan att en ombalansering av kulan görs. För att bästa resultat ska uppnås, ska den kompletta kulan sändas till en Alfa Laval serviceverkstad för ombalansering.

de

Sichern Sie sich Ihren Anspruch auf Qualität durch ausschließliche Verwendung von original Alfa Laval Ersatzteilen.

Beachten Sie bitte, daß Alfa Laval keine Verantwortung für den Ausfall eines Separators übernimmt, der mit Nicht-Originalteilen ausgestattet ist. Wir garantieren für die Qualität und Zuverlässigkeit unserer Produkte.



WARNING B

Durch den Austausch bestimmter Teile in der Separatortrommel-Baugruppe, kann ihr Schwingungspegel steigen. Dies kann zu einer kürzeren Lebensdauer von Teilen, wie z.B. Wälzlagern und Getrieben, führen. Bei einer schweren Unwucht kann die rotierende Trommelbaugruppe in Kontakt mit dem Gestell kommen, was zu Beschädigungen der Ausrüstung oder Personenverletzungen führen kann. Es wird dringend empfohlen, den Austausch von einem **Alfa Laval Service-Ingenieur beaufsichtigen zu lassen**. Alfa Laval übernimmt keine Haftung für eine Gerätebeschädigung oder Personenverletzung aufgrund einer ungenehmigten Montage dieser Teile.



WARNING C

Bestimmte Trommelteile haben Fräsmarken vom Auswuchten der kompletten Separatortrommel. Diese Teile dürfen nicht ohne eine Neuauswuchtung der kompletten Trommel ausgetauscht werden. Die Neuauswuchtung sollte in einer Alfa Laval Service-werkstatt erfolgen.

fr

Respectez votre engagement de qualité en utilisant toujours des pièces de rechange d'origine Alfa Laval.

Attention, Alfa Laval décline toute responsabilité en cas de panne d'un séparateur équipé de pièces de rechange qui ne sont pas d'origine. Nous garantissons la qualité et la fiabilité de nos produits.



AVERTISSEMENT B

Le remplacement de certaines pièces du bol du séparateur risque d'augmenter le niveau de vibrations, et donc de réduire la durée de vie des composants tels que les paliers à roulements et les engrenages. En cas de déséquilibre trop important, le bol en rotation risque d'entrer en contact avec des pièces du bâti, provoquant ainsi des détériorations de l'équipement et des blessures du personnel. Nous vous incitons fortement à faire réaliser le remplacement **sous la surveillance d'un technicien de maintenance Alfa Laval**. Alfa Laval n'assume aucune responsabilité en cas de détérioration du matériel ou de blessure du personnel résultant d'une installation non approuvée de ces pièces.



AVERTISSEMENT C

Certaines pièces du bol présentent des marques de repérage effectuées lors de l'équilibrage du bol du séparateur. Il ne faut pas remplacer ces pièces sans avoir au préalable procédé à un nouvel équilibrage de l'ensemble du bol. Cet équilibrage doit être réalisé dans un atelier de réparation Alfa Laval.

es

Proteja su compromiso con la calidad utilizando siempre repuestos originales Alfa Laval.

Recuerde que Alfa Laval no acepta ninguna responsabilidad por el fallo de una separadora equipada con repuestos no originales. Alfa Laval garantiza la calidad y la fiabilidad de sus productos.



ADVERTENCIA B

Cuando se cambian ciertas piezas del conjunto del rotor de la separadora, puede que se produzca un aumento del nivel de vibraciones, lo que puede provocar un desgaste de algunos componentes, como los rodamientos de rodillos y los engranajes. Si se produce un desequilibrio importante, el conjunto del rotor en movimiento puede rozar con el bastidor, causando serios daños al equipo y al personal. Se recomienda encarecidamente que el cambio sea **supervisado por un técnico de mantenimiento de Alfa Laval**. Alfa Laval no se hace responsable de los daños materiales o daños personales provocados por la instalación no autorizada de esas piezas.



ADVERTENCIA C

Algunas piezas del rotor llevan marcas estampadas para el equilibrado del rotor completo de la separadora. Siempre que se cambien estas piezas se debe equilibrar de nuevo todo el rotor, operación que debe ser realizada por un experto de un centro de servicio Alfa Laval.

ru

Для обеспечения качества работы вашего оборудования используйте только подлинные запасные детали компании Alfa Laval.

Помните: компания Alfa Laval не несет ответственность за нарушения работы сепаратора, на котором установлены не подлинные запасные детали. Мы гарантируем качество и надежность нашей продукции.



ПРЕДУПРЕЖДЕНИЕ В

В случае замены некоторых частей устройства барабана сепаратора может повыситься уровень вибрации. Это может привести к сокращению срока службы компонентов, таких как подшипники и привод. В случае значительного дисбаланса, устройство вращающегося барабана может войти в контакт со станиной, что приведет к серьезному повреждению оборудования и травмам обслуживающего персонала. Настоятельно рекомендуется, чтобы замена была **проконтролирована инженером по обслуживанию компании Alfa Laval**. Компания Alfa Laval не несет никакой ответственности за повреждения собственности или травмы персонала в результате неразрешенной установки этих деталей.



ПРЕДУПРЕЖДЕНИЕ С

На некоторых частях барабана поставлены отметки после балансировки барабана сепаратора полностью. Эти части не могут быть заменены без повторной балансировки всего устройства барабана сепаратора. Повторная балансировка должна быть произведена в ремонтном центре Alfa Laval.

it

Salvaguardate la qualità del vostro separatore utilizzando sempre ricambi originali Alfa Laval.

Ricordate che la Alfa Laval non accetta alcuna responsabilità in caso di difetti al separatore dovuti all'utilizzo di ricambi non originali. La Alfa Laval garantisce la qualità e l'affidabilità esclusivamente dei propri prodotti.



AVVERTENZA B

In seguito alla sostituzione di alcune parti del tamburo del separatore, il livello di vibrazioni può aumentare. Questo può comportare la riduzione della vita utile di componenti quali cuscinetti a rulli ed ingranaggi. In caso di elevato spostamento, il tamburo può entrare a contatto con le parti del telaio provocando seri danni all'attrezzatura e lesioni alle persone. Si raccomanda caldamente di far **controllare la sostituzione da un tecnico di assistenza Alfa Laval**. La Alfa Laval non assume alcuna responsabilità per danni alle cose o lesioni al personale dovuti all'installazione non autorizzata delle suddette parti.



AVVERTENZA C

Alcune parti del tamburo dipendono dal bilanciamento complessivo del tamburo del separatore. Le suddette parti non possono essere sostituite senza procedere ad un nuovo bilanciamento. Per ottenere i migliori risultati, rivolgersi ad un centro assistenza Alfa Laval per il ribilanciamento dell'intero gruppo.

pt

Preserve o seu compromisso com a qualidade utilizando sempre peças originais Alfa Laval.

Não se esqueça de que a Alfa Laval não assume quaisquer responsabilidades pela avaria dum separador que não esteja equipado com peças originais. Por isso, asseguramos a garantia da qualidade e fiabilidade dos nossos produtos.



AVISO B

Ao mudar determinadas peças no conjunto do rotor da separadora, poderá provocar um aumento da vibração. Tal poderá originar a redução do tempo de duração dos componentes, tais como rolamentos de roletes e engrenagens. Caso se verifique um desequilíbrio acentuado, o conjunto do rotor giratório poderá entrar em contacto com a estrutura, vindo a provocar danos no equipamento e ferimentos pessoais. Recomenda-se vivamente que a substituição de peças seja **vistoriada por um técnico de serviço da Alfa Laval**. A Alfa Laval não assume qualquer responsabilidade por danos em bens ou ferimentos pessoais resultantes da instalação não autorizada daquelas peças.



AVISO C

Determinadas partes do rotor contêm marcas de atrito do balanceamento do rotor do separador completo. Estas peças não devem ser substituídas sem reequilibrar o rotor completo. O reequilíbrio deve ser executado por uma centro de assistência Alfa Laval.

fi

Varmista käyttämiesi tuotteiden laatu käytämällä aina aitoja ja alkuperäisiä Alfa Laval -varaosia.

Muista, ettei Alfa Laval voi vastata sellaisen separaattorin toimintahäiriöstä, jossa on käytetty muita kuin alkuperäisiä varaosia. Me takaamme omien tuotteidemme laadun ja luotettavuuden.



VAROITUS B

Kun separaattorin kuula-asennelman tiettyjä osia vaihdetaan, sen tärinän taso voi kasvaa. Tämä voi johtaa joidenkin osien, kuten vierintälakereiden ja hammasvaihteiden, käyttöön lyhenemiseen. Jos asennelma joutuu pahasti epätasapainoon, pyörivä kuula-asennelma voi koskettaa runkoa ja aiheuttaa laite- ja henkilövahinkoja. Suosittelemme, että **Alfa Lavalin huoltoinsinööri valvo** vaihtoa. Alfa Laval ei otta vastuuta omaisuudelle tai henkilökunnalle aiheutuneista vahingoista, mikäli ne johtuvat näiden osien väärin suoritetusta asennuksesta.



VAROITUS C

Tietyissä kuulan osissa on merkinnät koko separaattorikuulan tasapainotuksesta. Näitä osia ei saa vaihtaa ilman, että koko kuula tasapainotetaan. Tasapainotus on annettava Alfa Laval - korjaamon hoidettavaksi.

el

Διασφαλίστε τη δέσμευσή σας για ποιότητα χρησιμοποιώντας πάντοτε γνήσια ανταλλακτικά Alfa Laval.

Σας υπενθυμίζουμε ότι η Alfa Laval δεν αναλαμβάνει ευθύνη για τη βλάβη διαχωριστήρα που δεν είναι εξοπλισμένος με αυθεντικά ανταλλακτικά. Εγγυώμαστε την ποιότητα και την αξιοπιστία των προϊόντων μας.



ΠΡΟΣΟΧΗ Β

Όταν αλλάζετε ορισμένα εξαρτήματα στο σύστημα του τυμπάνου του διαχωριστήρα, η στάθμη κραδασμών μπορεί να αυξηθεί. Αυτό μπορεί να έχει σαν αποτέλεσμα μικρότερη διάρκεια ζωής των εξαρτημάτων, όπως ρουλεμάν και γρανάζια. Σε περίπτωση σοβαρής έλλειψης ζυγοστάθμισης, το περιστρεφόμενο σύστημα του τυμπάνου μπορεί να έλθει σε επαφή με το πλαίσιο, προκαλώντας ζημιές στο μηχάνημα και τραυματισμό του προσωπικού. **Οι οποιεσδήποτε αλλαγές εξαρτημάτων πρέπει να γίνονται υπό την επίβλεψη μηχανικού της Alfa Laval.** Η Alfa Laval δεν φέρει καμμία ευθύνη για υλικές ζημιές ή για τραυματισμό του προσωπικού λόγω τοποθέτησης αυτών των εξαρτημάτων από μη εξουσιοδοτημένα άτομα.



ΠΡΟΣΟΧΗ Σ

Ορισμένα εξαρτήματα του τυμπάνου φέρουν ίχνη φρεζαρίσματος από τη ζυγοστάθμιση ολόκληρου του συστήματος του τυμπάνου του διαχωριστήρα. Αυτά τα εξαρτήματα δεν πρέπει να αντικατασταθούν χωρίς να ξαναγίνει ζυγοστάθμιση ολόκληρου του συστήματος του τυμπάνου του διαχωριστήρα. Η επαναζυγοστάθμιση πρέπει να γίνει σε κάποιο από τα επισκευαστικά κέντρα της Alfa Laval.

nl

Doe geen concessies aan kwaliteit en gebruik altijd originele Alfa Laval-reserveonderdelen.

Wij wijzen u erop, dat Alfa Laval geen verantwoordelijkheid kan aanvaarden voor defecten aan een separator die is uitgerust met nietoriginele reserveonderdelen. Wij garanderen de kwaliteit en de betrouwbaarheid van onze producten.



WAARSCHUWING B

Als er bepaalde onderdelen van de separatortrommel worden vervangen, kan het trillingsniveau veranderen. Dit kan leiden tot een verkorte levensduur van onderdelen als rollagers en tandwielen. Als er sprake is van een ernstige mate van onbalans, kan de roterende trommel in contact komen met het frame, wat kan leiden tot ernstige schade aan goederen of tot persoonlijk letsel. Het is dan ook ten sterkste aan te raden om onderdelen te laten vervangen **onder supervisie van een onderhoudstechnicus van Alfa Laval**. Alfa Laval aanvaardt geen enkele aansprakelijkheid voor schade aan goederen of persoonlijk letsel als gevolg van onoordeelkundige installatie van die onderdelen.



WAARSCHUWING C

Op bepaalde onderdelen van de trommel zitten freesmarkeringen van het uitbalanceren van de gehele separatortrommel. Deze onderdelen mogen niet worden vervangen zonder dat de gehele trommel opnieuw wordt uitgebalanceerd. Het opnieuw uitbalanceren moet gebeuren in een onderhoudswerkplaats van Alfa Laval.

da

Beskyt din investering i kvalitet ved altid at anvende originale reservedele fra Alfa Laval.

Husk at Alfa Laval påtager sig intet ansvar for fejl i separatører, der er udstyret med uoriginale reservedele. Vi indstår for vores produkters kvalitet og driftssikkerhed.



ADVARSEL B

Ved udskiftning af visse dele i separatorkuglen, kan vibrationsniveauet blive forøget. Dette kan forkorte levetiden for komponenter som kuglelejer og tandhjul. I tilfælde af kraftige vibrationer kan den roterende separatorkugle komme i kontakt med rammedele, hvilket kan medføre alvorlig beskadigelse af udstyr og personskade. Det anbefales på det kraftigste, at udskiftningen sker **under tilsyn af en servicetekniker fra Alfa Laval**. Alfa Laval påtager sig intet ansvar for ting- eller personskade som følge af ikke-autoriseret montering af disse dele.



ADVARSEL C

Visse kugledele er forsynet med mærker fra afbalanceringen af den samlede separatorkugle. Ved udskiftning af disse dele skal der foretages en ny afbalancering af den samlede kugleenhed. Afbalanceringen bør foretages af et Alfa Laval-servicecenter.

1.2 Translation list

Översättningslista
Übersetzungsliste
Liste de traduction
Lista de traducciones

en	sv	de	fr	es
Part no.	Reservdelsnummer	Teil-Nr.	Numéro de pièce	Pieza No.
Qty	Antal	Anzahl	Quantité	Cantidad
Description	Benämning	Bezeichnung	Dénomination	Descripción
Notes	Anmärkningar	Anmerkungen	Remarques	Notas
Machine type	Maskintyp	Maschinentyp	Type de machine	Tipo de máquina
Product no.	Produktnr	Produktnummer	Numéro de produit	Número de producto
Machine unit description	Maskinblocksbenämning	Bezeichnung des Maschinenblocks	Dénomination de partie de machine	Descripción de sección de la máquina
Machine unit no.	Maskinblocksnr	Maschinenblock Nr.	Partie de machine nº	No. de sección de máquina
Subassembly description	Undergruppsbenämning	Bezeichnung der Untergruppe	Dénomination de sous-ensemble	Descripción de subconjunto
Subassembly no.	Undergruppsnr	Untergruppe Nr.	Nº de sous-ensemble	Número de subconjunto
See page	Se sidan	Siehe Seite	Voir page	Véase la página
Fig. ref.	Figurhänvisning	Bildhinweise	Réf. de fig.	Referencia de figura
Product name	Produktnamn	Produktname	Nom du produit	Nombre del producto
Exchange necessitates rebalancing of bowl	Utbyte nödvändiggör ombalantering av kulan	Austausch erfordert Wiederauswuchtung der Trommel	Le remplacement nécessite le rééquilibrage du bol	El racambio requiere el reequilibrado del rotor
See separate spare parts list	Se separat reservdelslista	Siehe separate Ersatzteilliste	Voir liste séparée des pièces de rechange	Véase la lista de piezas separada
Not delivered as spare part	Levereras ej som reservdel	Nicht als Ersatzteil geliefert	Non livré comme pièce de rechange	No se entrega como pieza de recambio

Словарь перевода
Lista traduzioni
Lista para tradução
Käännösluttelo

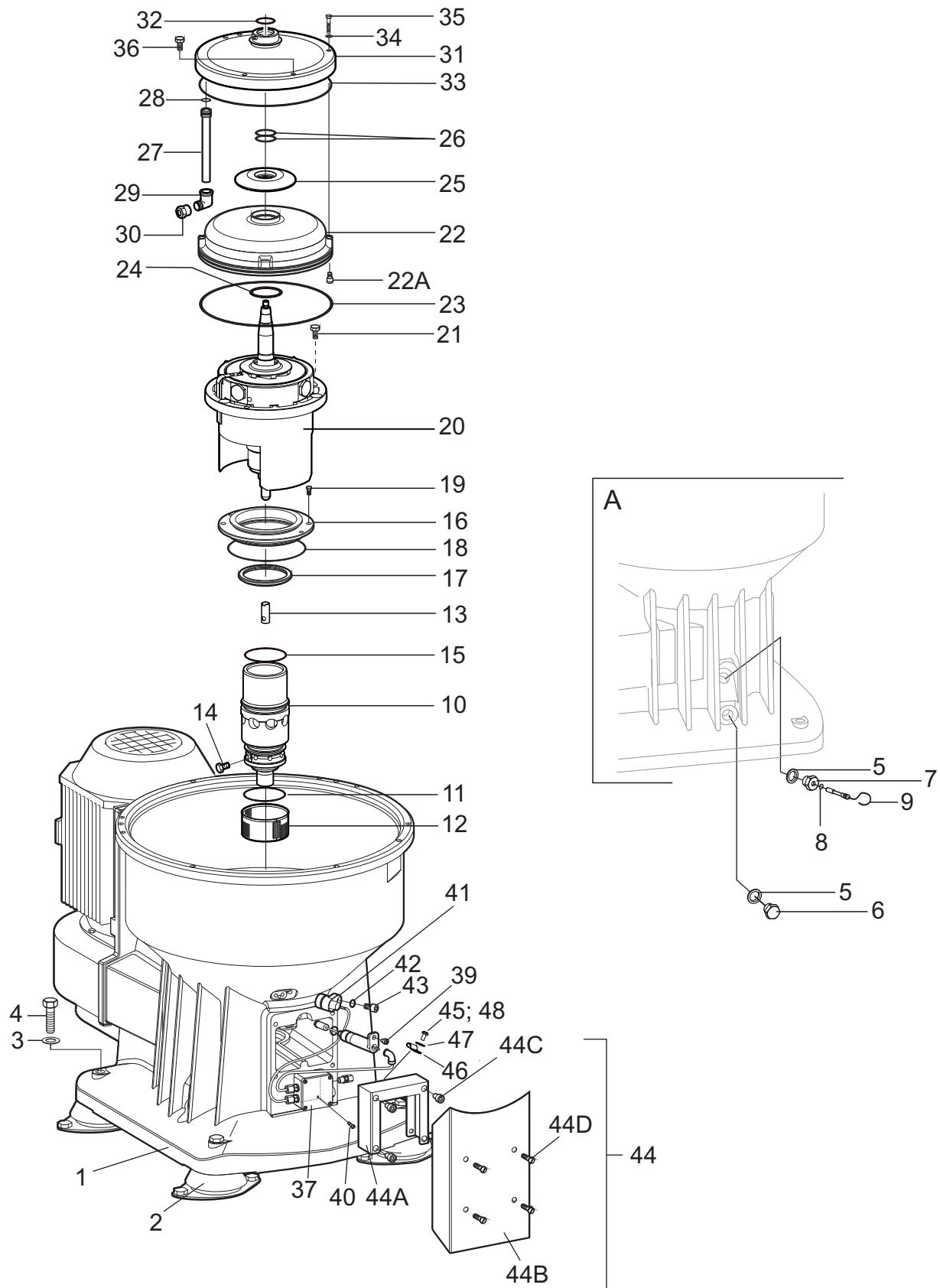
en	ru	it	pt	fi
Part no.	Деталь №	Nr. parte	Numero de peca	Varaosanumero
Qty	Кол—во	Quantita	Quantidade	Lukumäärä
Description	Наименование	Descrizione	Descricao	Nimitys
Notes	Примечания	Note	Notas	Huomautuksia
Machine type	Машина тиpа	Tipo macchina	Tipo de maquina	Konetyyppi
Product no.	Артикул №	Nr.prodotto	No. do produto	Tuotteen no
Machine unit description	Наименование блока машины	Descrizione unita macchina	Descricao da unidade da maquina	Koneenosan nimitys
Machine unit no.	Блок машины №	Nr. unita macchina	Numero de unidade da maquina	Koneenosan no
Subassembly description	Наименование группы	Descrizione sottogruppo	Descriao do subconjunto	Alaryhmän nimitys
Subassembly no.	Группа №	Nr. sottogruppo	Número de subconjunto	Alaryhmän no
See page	См. страницу	Vedi pagina	Véase la página	Ks sivu
Fig. ref.	Ссылка на эскиз	Rif. fig.	Referencia de figura	Kuvaviite
Product name	Наименование артикула	Nome prodotto	Nombre del producto	Tuotteen nimi
Exchange necessitates rebalancing of bowl	Замена требует балансировки барабана	La sostituzione comporta la equilibratura del tamburo	El racambio requiere el reequilibrado del rotor	Vaihdettaessa kuula tasapainoitettava uudelleen
See separate spare parts list	См. отдельный перечень запасных частей	Vedi lista separata delle parti di ricambio	Véase la lista de piezas separada	Katso erillistä varaosaluetteloa
Not delivered as spare part	Не поставлена вместе с запасными частями	Non fornito come parte di ricambio	No se entrega como pieza de recambio	Ei toimiteta varaosana

ΓΛΩΣΣΑΡΙ
Vertaallijst
Oversættelseliste

en	el	nl	da
Part no.	Λριθμός ανταλλακτικού	Onderdeelnr.	Reservedelsnummer
Qty	Σύνολο	Hoeveelheid	Antal
Description	Περιγραφή	Beschrijving	Betegnelse
Notes	Παρατηρήσεις	Opmerkingen	Bemaerkninger
Machine type	Τύπος μηχανήματος	Machinetype	Maskintype
Product no.	Αριθμός προϊόντος	Produktnr.	Produktnr.
Machine unit description	Περιγραφή συγκροτήματος μηχανής	Machineblokbenaming	Maskinbetegnelse
Machine unit no.	Αριθμός συγκροτήματος μηχανής	Machineblokbenamning	Maskinnr.
Subassembly description	Περιγραφή υποσυγκροτήματος	Subgroepbenamning	Undergruppss betegnelse
Subassembly no.	Αριθμός υποσυγκροτήματος	Subgroepnr.	Undergruppenr.
See page	Βλέπε σελίδα	Zie blz.	Se side
Fig. ref.	Παραπομπή σε εικόνα	Afb. ref.	Figurhenvisning
Product name	Ονομασία προϊόντος	Produktnaam	Produktnavn
Exchange necessitates rebalancing of bowl	Ανταλλαγή απαιτεί επαναρρύθμιση ισορροπίας του τύμπανου	Vervangning vereist herbalanceren van de kogel	Udskriftning kraever afbalcering af kuglen
See separate spare parts list	Βλέπε ειδική λίστα ανταλλακτικών	Vervangning vereist van de kogel	Se spaat reservedelsliste
Not delivered as spare part	Δεν παραδίδεται ως ανταλλακτικό	Niet geleverd als reserveonderdeel	Levereres ikke som reservedel

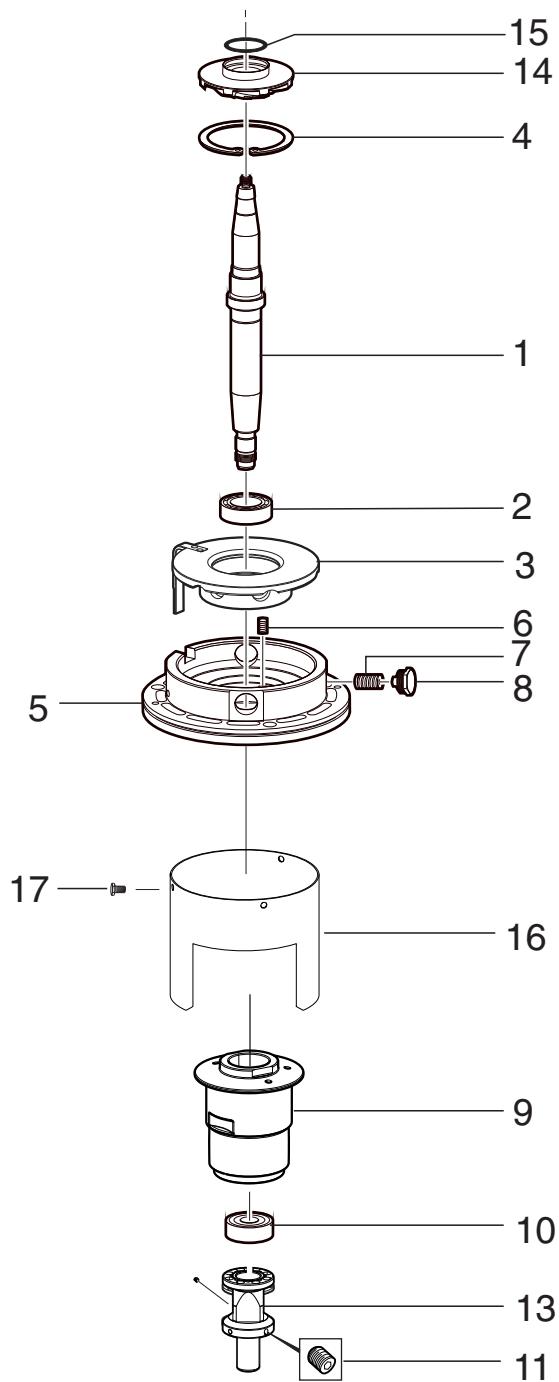
2 Machine bottom part

Ref	Part No	Description	Machine unit number or Subassembly description 572704- -04			Notes
			Quantity			
1	562993 81	Frame bottom part	1			
2	560131 02	Frame support	4			
3	70490	Washer	4			
4	2210462 32	Screw	4			
5	552766 07	Washer	2			
6	526350 04	Plug	1			
7	565378 01	Plug	1			
8	223404 05	O-ring	1			
9	571743 80	Oil pin	1			
10	590137 01	Bottom bearing holder	1			
11	2234121 38	O-ring	1			
12	562091 01	Strainer	1			
13	589704 01	Pipe	1			
14	221706 03	Screw	1			
15	2234121 40	O-ring	1			
16	562094 01	Labyrinth ring holder	1			
17	562095 02	Labyrinth ring	1			
18	223412 23	O-ring	1			
19	221716 23	Screw	2			
20	592493 80	Driving device vertical	1			See page 24
21	221721 24	Screw	3			
22	571405 80	Neck bearing cover	1			
22A	221711 18	Screw	1			
23	223412 46	O-ring	1			
24	566788 21	Seal ring	1			
25	592072 01	Deflector ring	1			
25	598742 01	Deflector ring	1			Brass
26	223406 28	O-ring	2			SS.
27	560202 01	Pipe	1			
28	223404 20	O-ring	1			
29	539418 02	Elbow	1			
30	526352 06	Bushing	1			
31	564493 02	Operating water cover	1			
32	566788 05	Seal ring	1			
33	223412 46	O-ring	1			
34	41456	Washer	3			
35	221040 46	Screw	3			
36	221040 08	Screw	2			
37	566718 81	Monitoring kit	1			See page 26
39	221716 23	Screw	1			
40	17812	Screw	2			
41	561773 03	Plug	1			
41	561773 07	Plug	1			Stainless Steel
42	74067	O-ring	1			Brass
43	221716 23	Screw	1			
44	578019 80	Front casing	1			
44A	578017 02	Holder	1			
44B	578019 01	Front casing	1			
44C	221716 22	Screw	4			
44D	221721 37	Screw	4			
45	221126 04	Screw	1			
46	532333 03	Clamp	2			
47	223101 94	Washer	1			
48	221125 20	Screw	1			



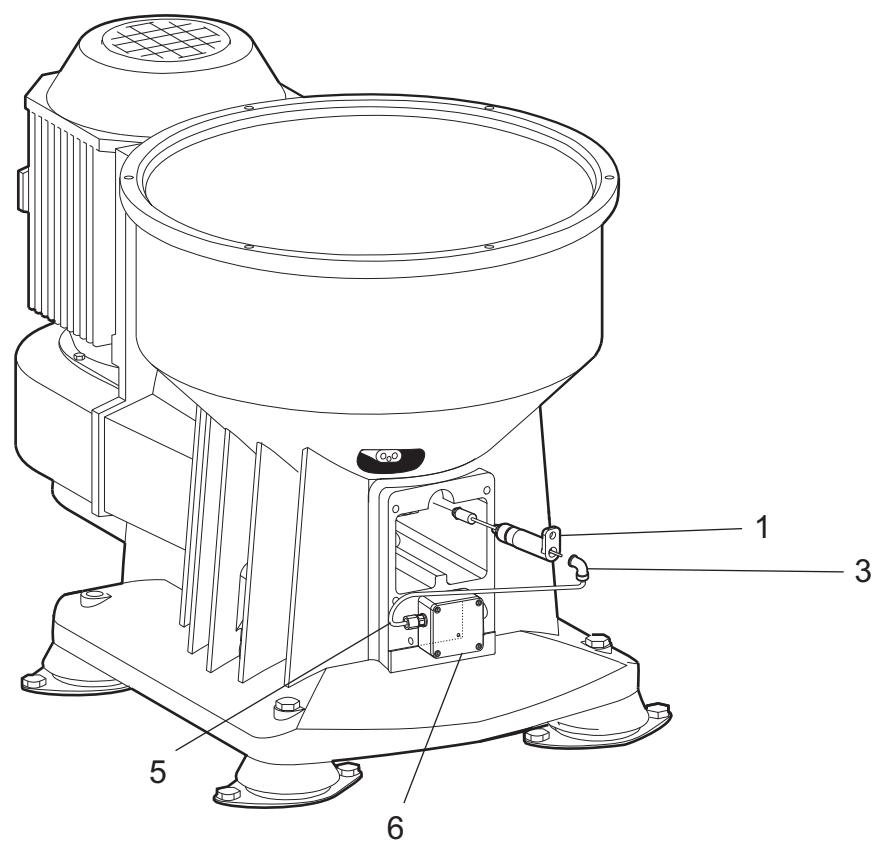
2.1 Driving device vertical

Ref	Part No	Description	Machine unit number or Subassembly description 592493-				Notes
			-80	Quantity			
1	560134 01	Bowl spindle	1				
2	548747 08	Ball bearing	1				
3	584048 80	Top bearing seat	1				
4	223642 36	Snap ring	1				
5	580051 02	Top bearing housing	1				
6	562109 03	Helical spring	3				
7	562110 02	Composite spring	4				
8	560406 01	Plug	4				
9	592123 01	Spindle pulley	1				
10	548744 03	Self-align roller bearing	1				
11	545869 03	Nozzle ø 1,5 mm	2				
13	590138 01	Oil mist generator	1				
14	571453 02	Fan	1				Brass Stainless steel
14	599090 01	Fan	1				
15	580049 01	Air deflector	1				
16	221716 22	Screw	3				
17	223406 30	O-ring	1				



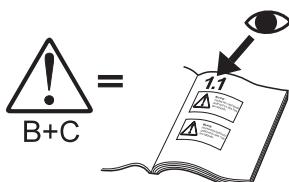
2.2 Monitoring kit

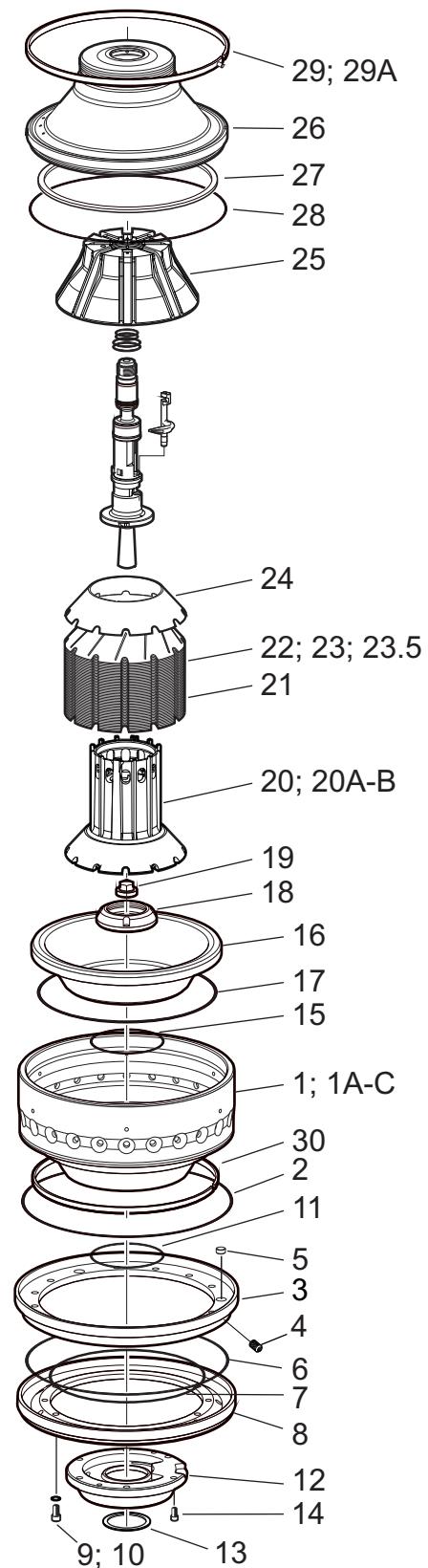
Ref	Part No	Description	Machine unit number or Subassembly description 566718- -81				Notes
			Quantity				
1	562902 81	Sensor with support	1				
3	552870 41	Tube gland, angle 90 degr	1				
5	556416 13	Protective tube	1				
6	566692 80	Junction box	1				



3 Separator bowl

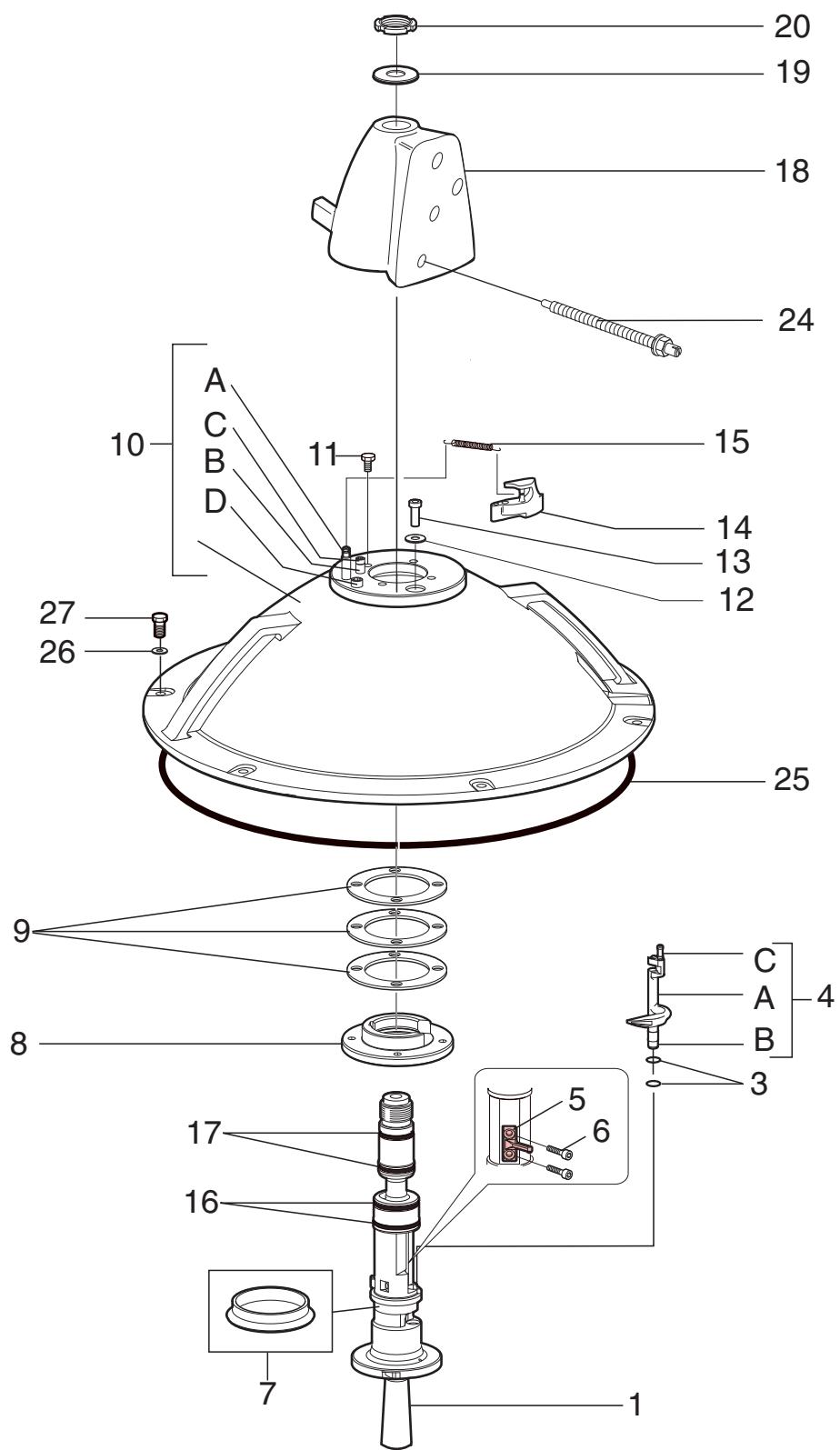
Ref	Part No	Description	Machine unit number or Subassembly description 9006260-				Notes
			-01	Quantity			
1	597750 80	Bowl body		1			
1A	597750 01	Bowl body		1			
1B	560637 01	Guide lug		1			
1C	64416	Cylindrical pin		1			
2	560638 01	Rectangular ring		1			
3	560639 01	Operating slide		1			
4	545869 03	Nozzle ø 1,5 mm		1			
5	564478 01	Valve plug		3			
6	560638 01	Rectangular ring		1			
7	223403 61	O-ring		1			
8	565217 01	Holder		1			
9	576279 01	Lock washer		6			
10	576173 01	Hexagon head screw		6			
11	223406 39	O-ring		1			
12	579323 02	Operating water ring		1			
13	566788 15	Seal ring		1			
14	576173 01	Hexagon head screw		6			
15	260104 05	O-ring		1			
16	574226 01	Discharge slide		1			
17	565295 01	Rectangular ring		1			
18	560649 01	Nut		1			
19	561298 01	Cap nut		1			
20	586119 80	Distributor		1			
20A	560652 01	Guide rib		1			
20B	73103	Grooved pin		4			
21	591821 80	Bowl disc complete		8			
22	590643 80	Bowl disc complete		73			
23	590643 80	Bowl disc complete		2			
23.5	590643 80	Bowl disc complete		4			
24	563089 01	Bowl disc		1			
25	563067 03	Top disc		1			
26	564401 01	Bowl hood		1			
27	564403 01	Seal ring		1			
28	260247 02	O-ring		1			
29	560661 80	Lock ring		1			
29A	560637 01	Guide lug		1			
30	597777 04	Guide ring		1			





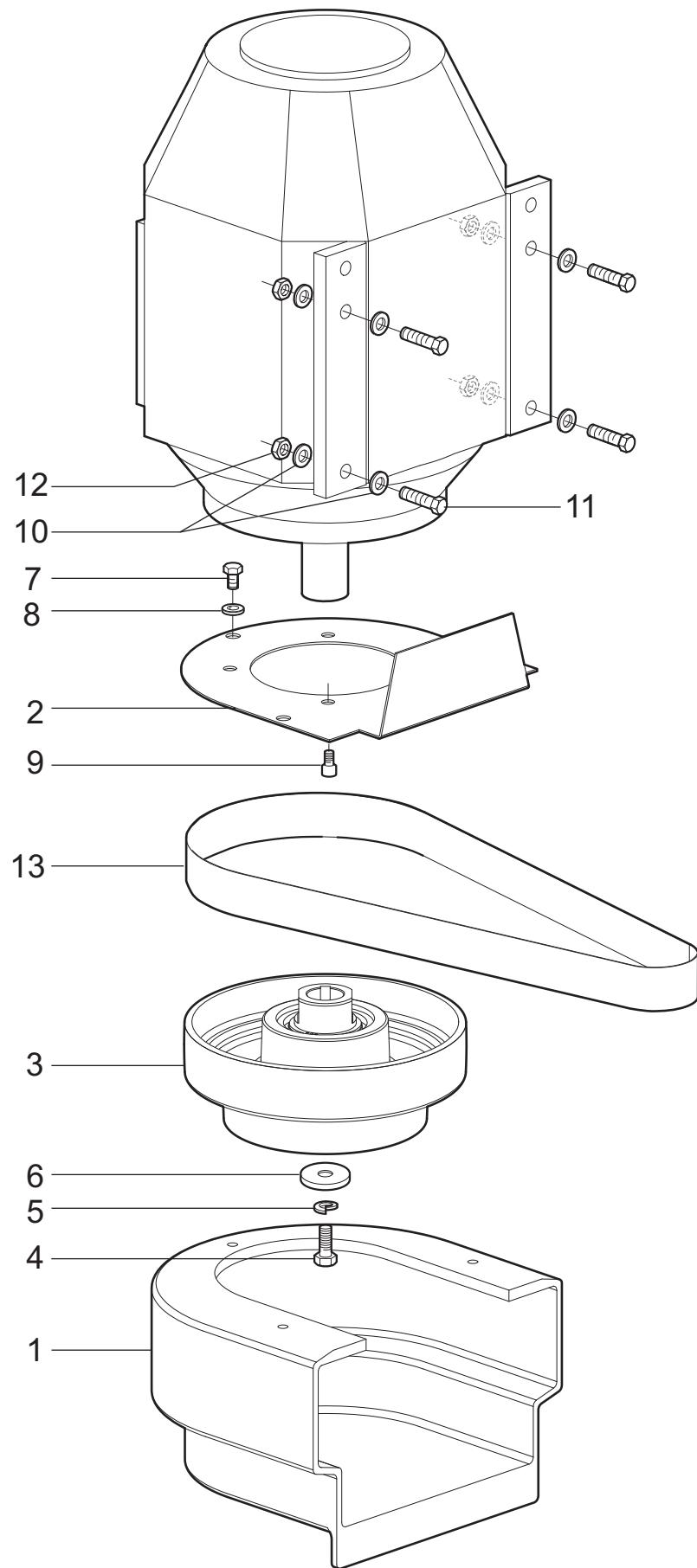
4 Inlet and outlet device

Ref	Part No	Description	Machine unit number or Subassembly description		Notes
			-01	Quantity	
1	563367 80	Inlet and outlet pipe		1	
3	223403 55	O-ring		2	
4	566642 80	Paring tube		1	
4A	566642 02	Paring tube		1	
4B	566408 02	Plain bearing bushing		2	
4C	561386 01	Tolerance ring		1	
5	562586 02	Axial support		1	
6	221701 15	Screw		2	
7	563316 01	Splash sealing		1	
8	562583 01	Support ring		1	
9	561957 01	Height adjusting ring		3	
10	562751 80	Frame hood		1	
10A	562587 01	Spring holder		1	
10B	561960 01	Support sleeve		1	
10C	221711 13	Screw		1	
10D	221716 09	Screw		1	
11	221036 01	Screw		4	
12	561966 01	Washer		3	
13	221716 13	Screw		1	
14	562582 80	Arm		1	
15	566407 02	Spring		1	
16	223406 27	O-ring		2	
17	74067	O-ring		2	
18	562584 80	Connecting housing		1	
19	561962 01	Washer		1	
20	562343 02	Locking nut		1	
24	561389 82	Purifier screw		1	
25	521127 05	O-ring		1	
26	41456	Washer		6	
27	221040 05	Screw		6	



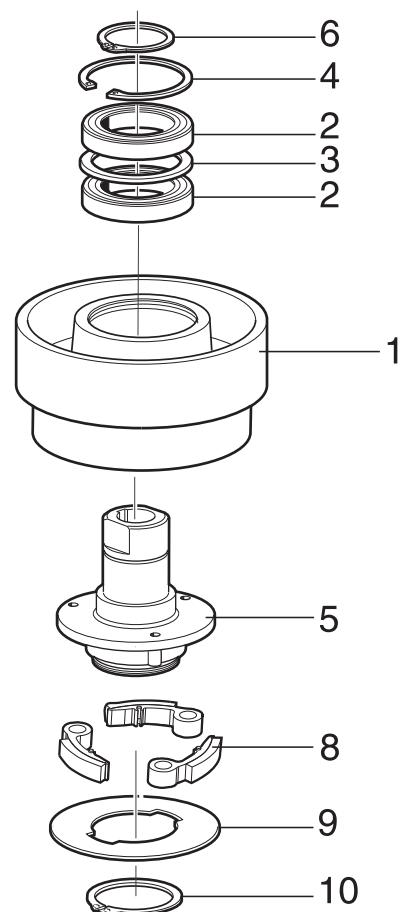
5 Belt driving device

Ref	Part No	Description	Machine unit number or Subassembly description		Notes
			561118-	-01 -02	
		50 Hz 60 Hz	↓	↓	
1	577705 80	Clutch cover	1	1	
2	561114 01	Cover support	1	1	
3	564095 80	Centrifugal clutch		1	See page 34
3	564095 81	Centrifugal clutch	1		See page 34
4	221045 60	Screw	1	1	
5	223107 35	Spring washer	1	1	
6	547837 01	Washer	1	1	
7	221040 42	Screw	3	3	
8	41456	Washer	3	3	
9	221721 37	Screw	4	4	
10	41456	Washer	8	8	
11	221040 58	Screw	4	4	
12	35120	Nut	4	4	
13	563467 01	Flat belt		1	



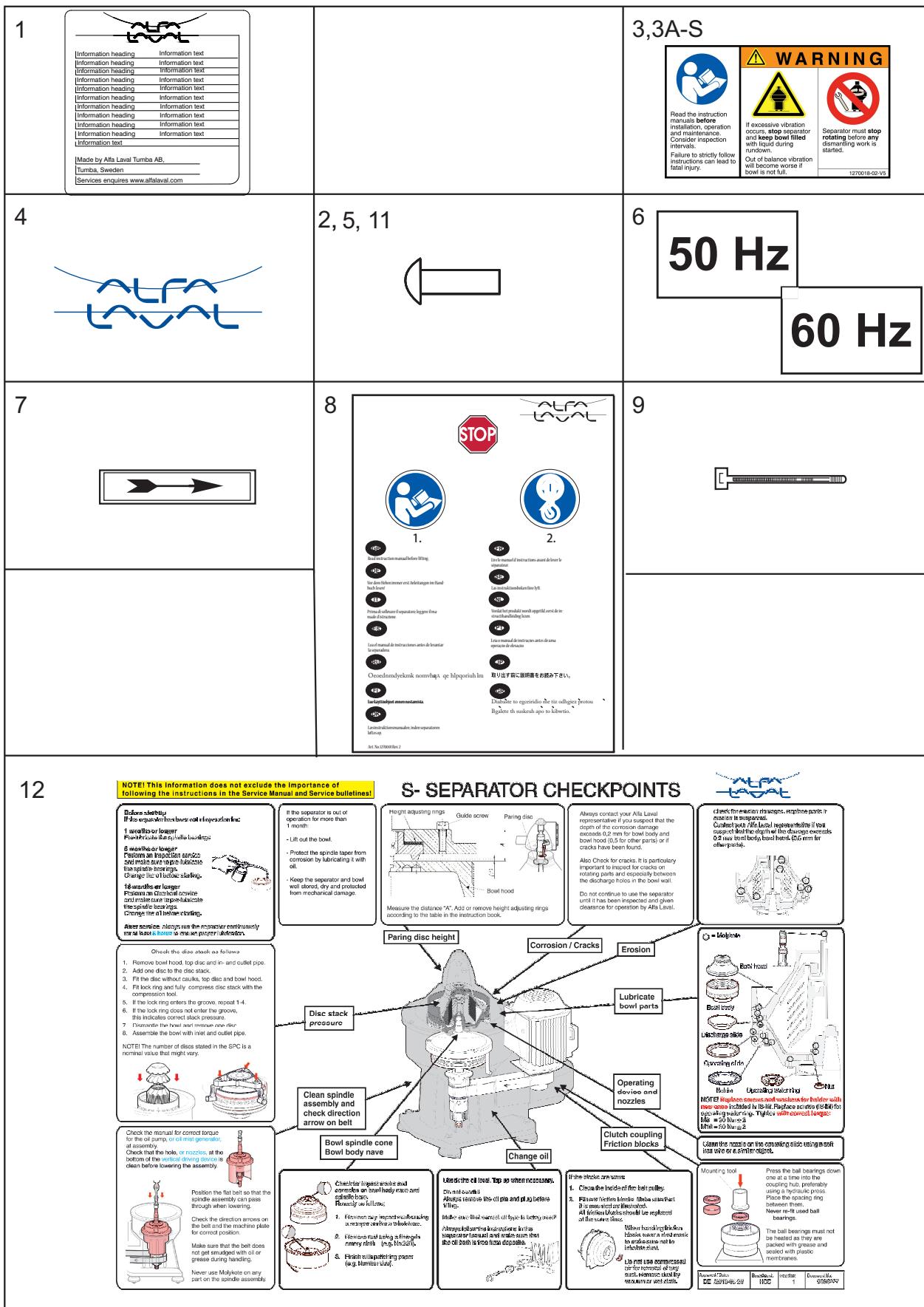
5.1 Centrifugal clutch

Ref	Part No	Description	Machine unit number or Subassembly description		Notes
			564095-	-81 -80	
1	560426 02	50 Hz 60 Hz Motor belt pulley	↓	↓ 1	
1	560426 04	Motor belt pulley	1		
2	548051 49	Ball bearing	2	2	
3	547833 01	Spacing ring	1	1	
4	66251	Snap ring	1	1	
5	564089 80	Coupling hub		1	
5	564100 80	Coupling hub	1		
6	223641 18	Snap ring	1	1	
8	564075 80	Friction block	5	3	
9	549325 01	Cover	1	1	
10	223641 20	Snap ring	1	1	



6 Set of plates

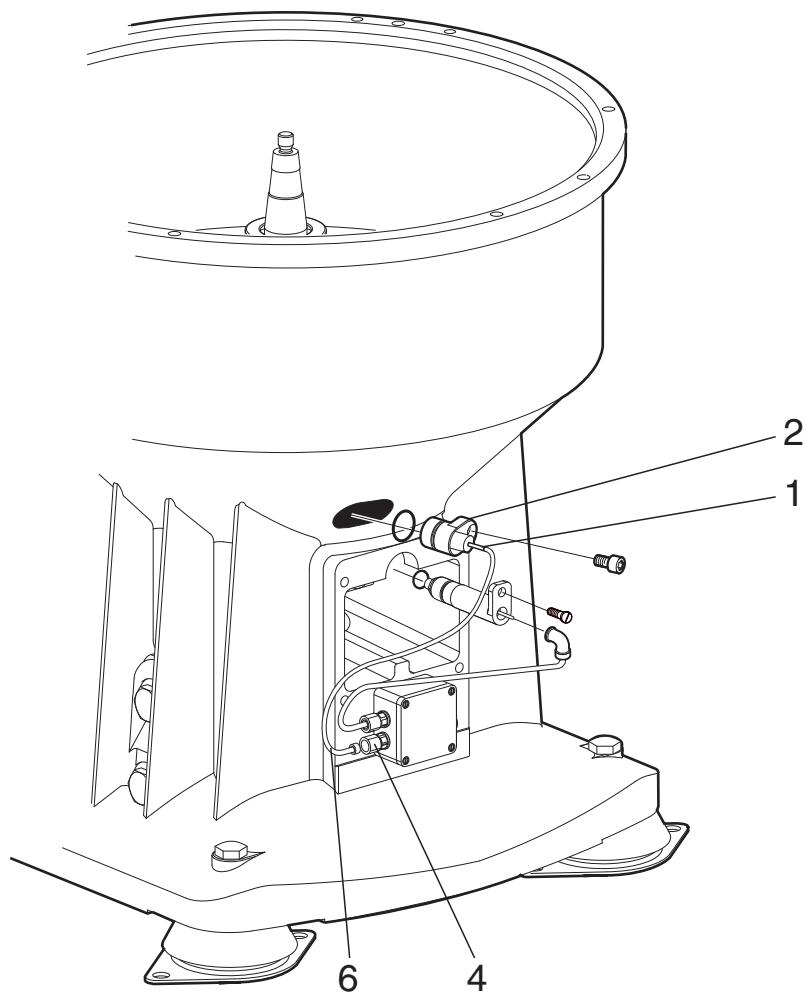
Ref	Part No	Description	Machine unit number or Subassembly description 549572- -84				Notes
			Quantity				
1	557714 01	Machine plate	1				
2	66169	Drive screw	4				
3	1270019	Set of safety labels	1				
4	577802 01	Name sign	1				For GL approval, see order
4	577803 01	Name sign	1				
4	591263 01	Name sign	1				DNV approval, see order
5	66169	Drive screw	4				
6	553171 01	Label 50 Hz	1				
6	553272 01	Label 60 Hz	1				
7	555529 01	Plate with arrow	1				
8	1270001	Lifting instruction	1				
9	554214 02	Cable tie	1				
11	66169	Drive screw	4				
12	9006227	Separator checkpoints	1				



7 Monitoring kit

Unbalance sensor

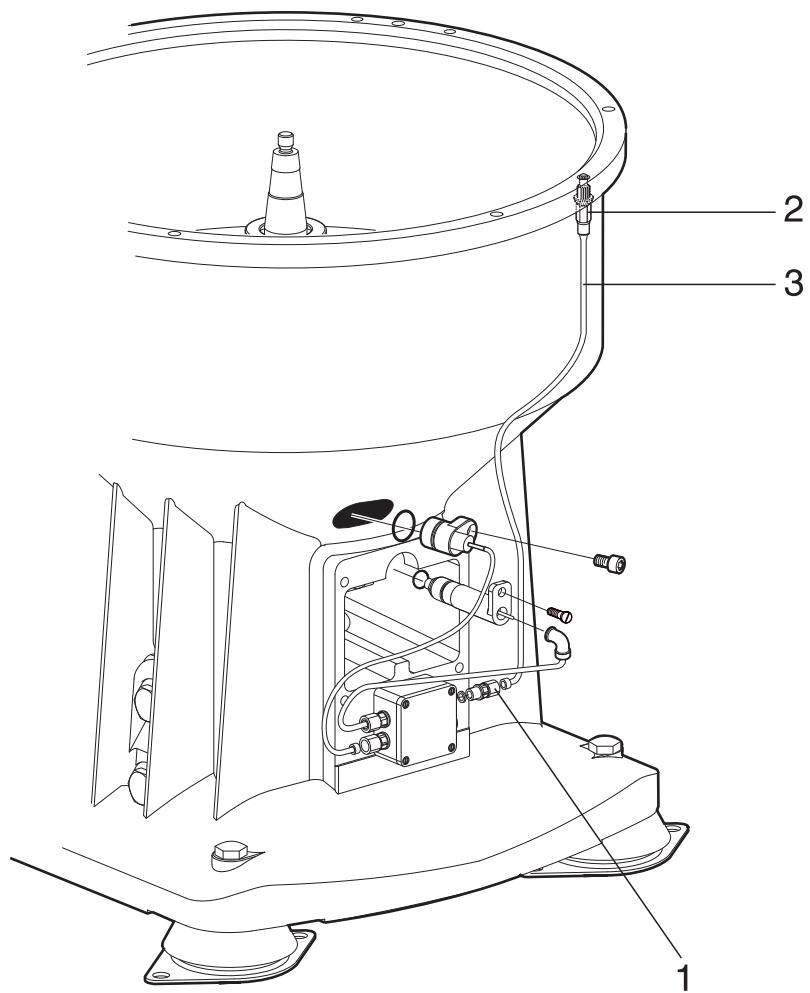
Ref	Part No	Description	Machine unit number or Subassembly description		Notes
			-02	Quantity	
1	570142 01	Inductive analogue sensor	1		
2	561773 04	Sensor holder	1		
2	561773 08	Sensor holder	1		
4	552870 21	Tube gland, straight	1		
6	556416 17	Protective tube	1		



8 Cover interlocking kit

"Junction box kit" required

Ref	Part No	Description	Machine unit number or Subassembly description		Notes
			-02	Quantity	
1	552870 21	Tube gland, straight	1		
2	566054 01	Limit switch	1		
3	556416 24	Protective tube	1		



9 Set of tools

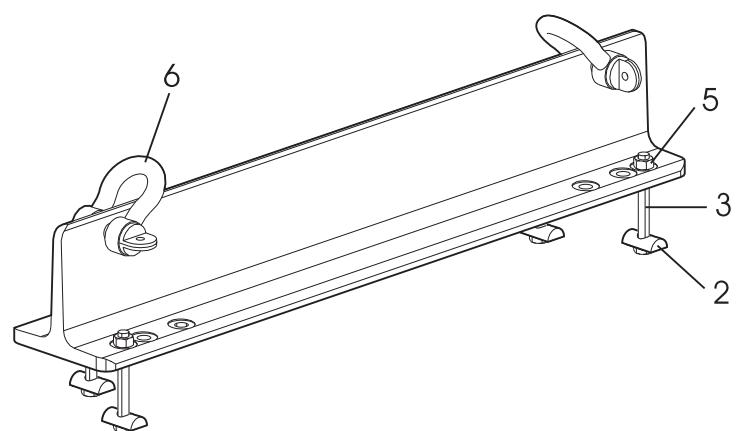
Ref	Part No	Description	Machine unit number or Subassembly description 561614- -14			Notes
			Quantity			
1	561593 80	Puller	1			Spindle pulley/ Neck bearing
1A	561829 01	Screw	1			
2	561369 02	Spanner for nut	1			Nut/ Discharge slide
3	575055 81	Compressing tool	1			Disc stack
3A	575055 80	Compressing tool	1			
3B	575083 02	Clamp	3			
3C	575098 01	Screw	3			
3D	221045 52	Screw	3			
3E	561551 02	Screw	3			
4	561584 80	Puller	1			Bowl body
5	572730 80	Pin spanner	1			Fan
5A	260121 56	Cylindrical pin	2			
6	561607 80	Puller	1			Discharge slide
6A	561610 01	Support ring	1			
6B	221040 43	Screw	1			
7	260154 01	Lifting eye bolt	2			
8	221706 05	Screw	6			Lock ring/ Bowl body
9	548457 80	Tool for belt pulley	1			Motor/ Coupling
9A	223406 13	O-ring	1			
10	567008 80	Lifting tool	1			Distributor/ Bowl spindle
11	561439 01	Drift	1			Bottom bearing
12	589776 01	Key	1			Bottom bearing housing
13	563084 80	Puller	2			Neck bearing cover
13A	221040 05	Screw	1			
13B	221035 46	Screw	1			
14	548043 01	Mounting tool	1			Coupling bearing
15	527395 11	Hook spanner	1			Nut/ Inlet and outlet pipe
16	66414	Hexagon socket head key	1			Lock ring/ Bowl body
17	566441 01	Sleeve	1			Neck bearing
18	566614 01	Chisel	1			Seal ring
19	567009 01	Pin	1			Distributor
19	567009 02	Pin	1			Distributor
20	585810 01	Crowfoot wrench head	1			Oil mist generator
99	588053	Exploded view	1			



10 Lifting tool

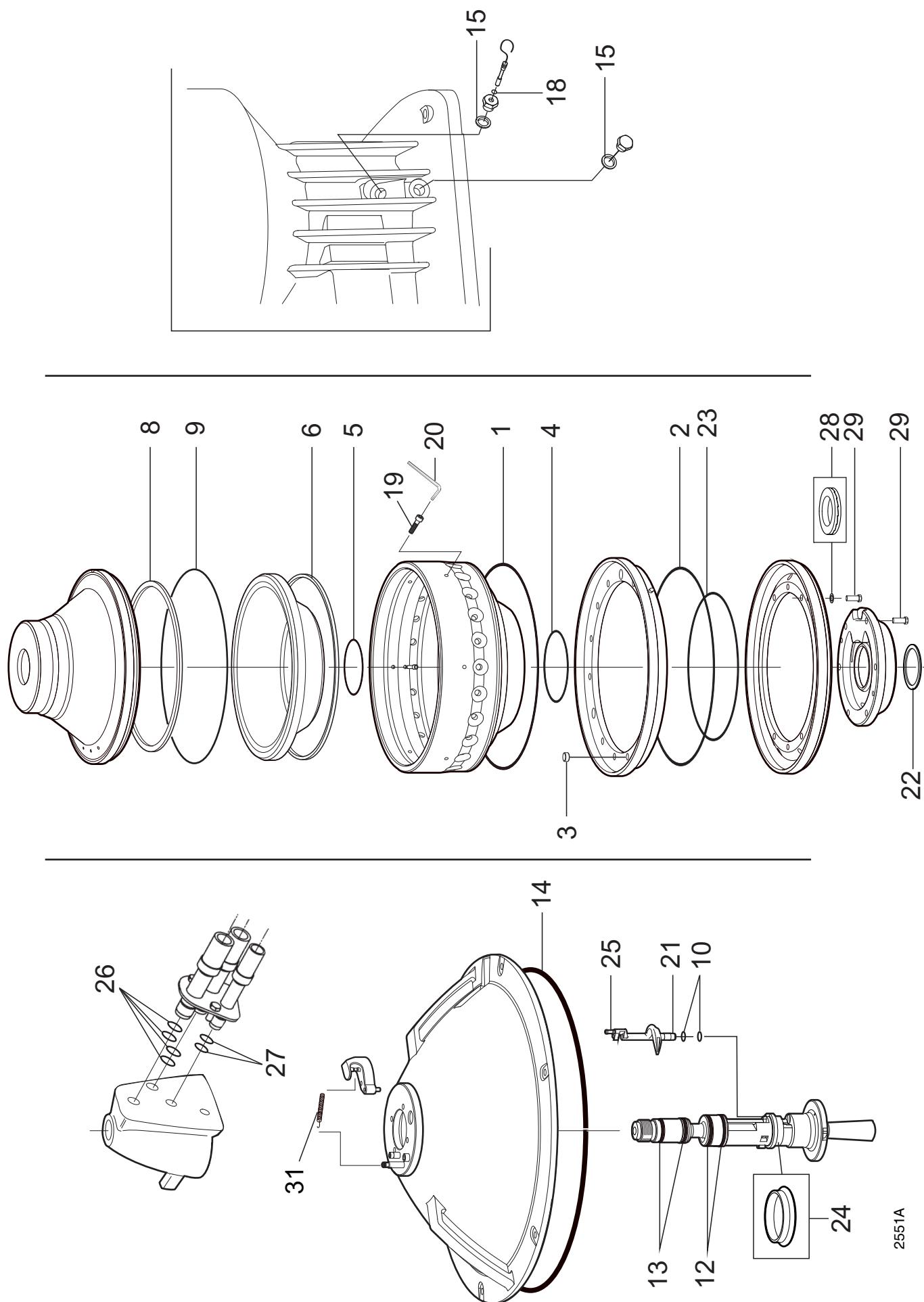
Separator

Ref	Part No	Description	Machine unit number or Subassembly description 563453- -80				Notes
			Quantity				
2	563454 01	Lug	4				
3	221035 53	Screw	4				
5	27345	Nut, M8	4				
6	260236 03	Shackle	2				



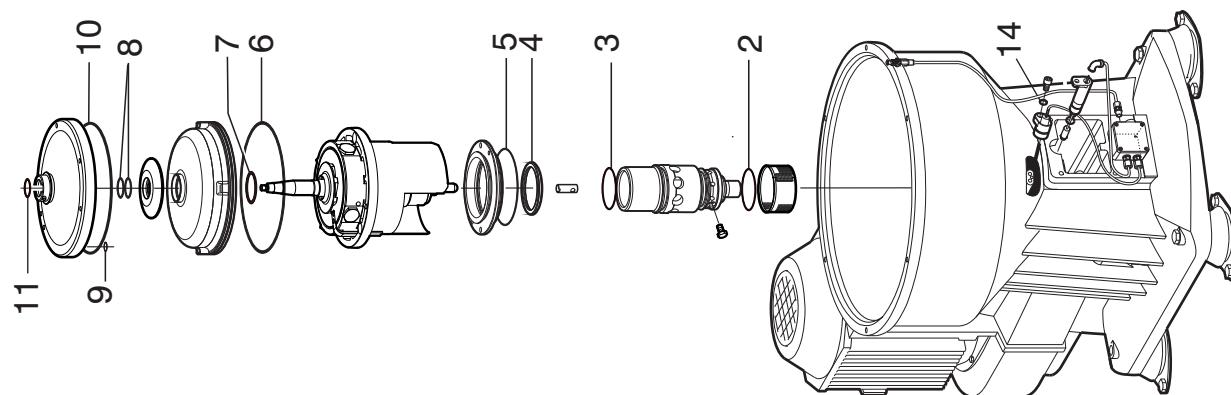
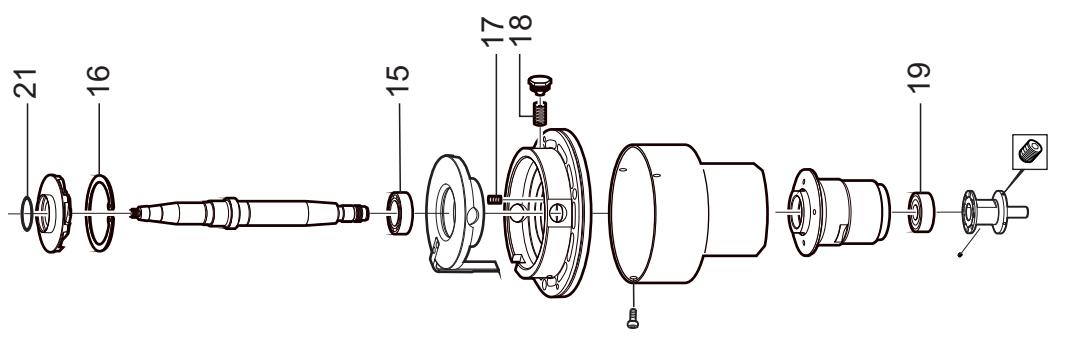
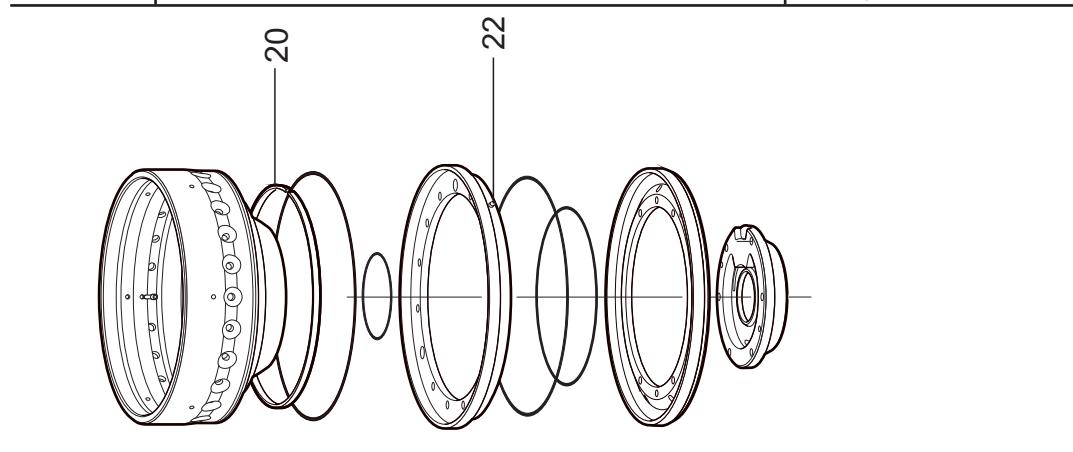
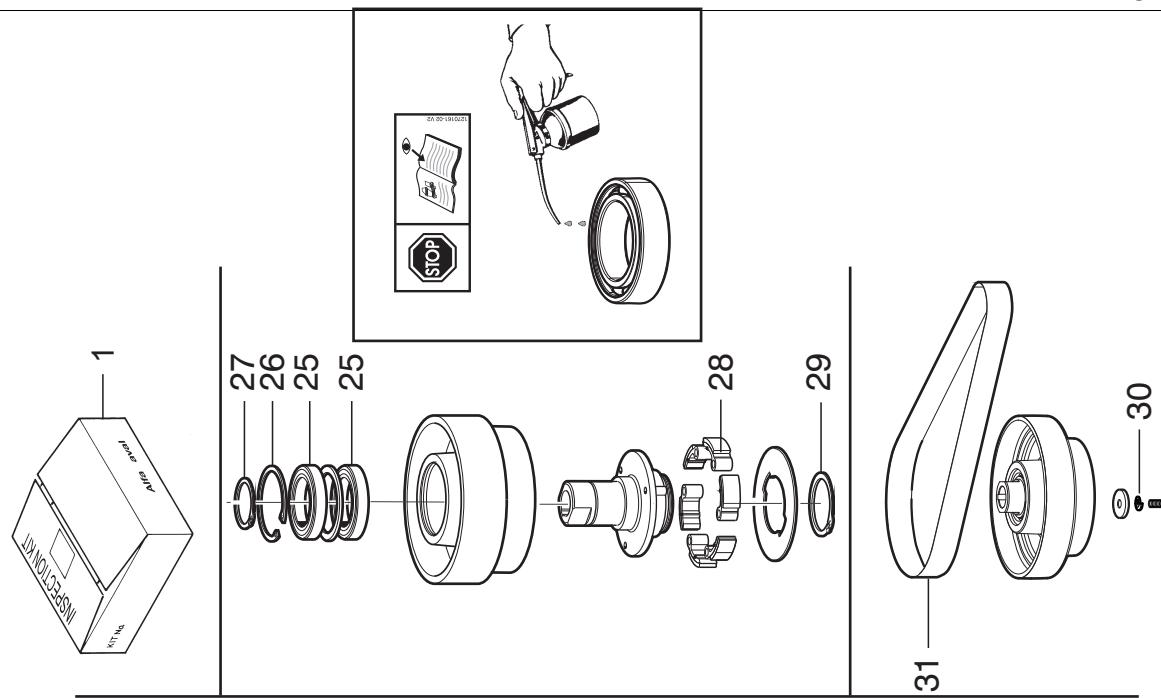
11 Inspection kit

Ref	Part No	Description	Machine unit number or Subassembly description 9006264-			Notes
			-01	Quantity		
1	560638 01	Rectangular ring		1		Bowl body/ Operating slide
2	560638 01	Rectangular ring		1		Operating slide/ Holder
3	564478 01	Valve plug	3			Operating slide/ Bowl body
4	223406 39	O-ring	1			Bowl body/ Operating water ring
5	260104 05	O-ring	1			Bowl body/ Discharge slide
6	565295 01	Rectangular ring	1			Discharge slide/ Bowl body
8	564403 01	Seal ring	1			Bowl hood/ Discharge slide
9	260247 02	O-ring	1			Bowl hood/ Bowl body
10	223403 55	O-ring	2			Paring tube/ Inlet and outlet pipe
12	223406 27	O-ring	2			Inlet and outlet pipe
13	74067	O-ring	2			Inlet and outlet pipe/ Connecting housing
14	521127 05	O-ring	1			Frame hood/ Frame bottom part
15	552766 07	Washer	2			Frame bottom part/ Plug
17	9000764 02	Lubriaction Paste G-n Plu	1			
18	223404 05	O-ring	1			
19	221706 05	Screw	6			
20	66414	Hexagon socket head key	1			
21	566408 02	Plain bearing bushing	2			
22	566788 15	Seal ring	1			
23	223403 61	O-ring	1			
24	563316 01	Splash sealing	1			
25	561386 01	Tolerance ring	1			
26	260104 22	O-ring	4			
27	223404 51	O-ring	2			
28	576279 01	Lock washer	6			
29	576173 01	Hexagon head screw	12			
31	566407 02	Spring	1			
98	9006227	Separator checkpoints	1			
99	572272	Exploded view	1			



12 Overhaul kit

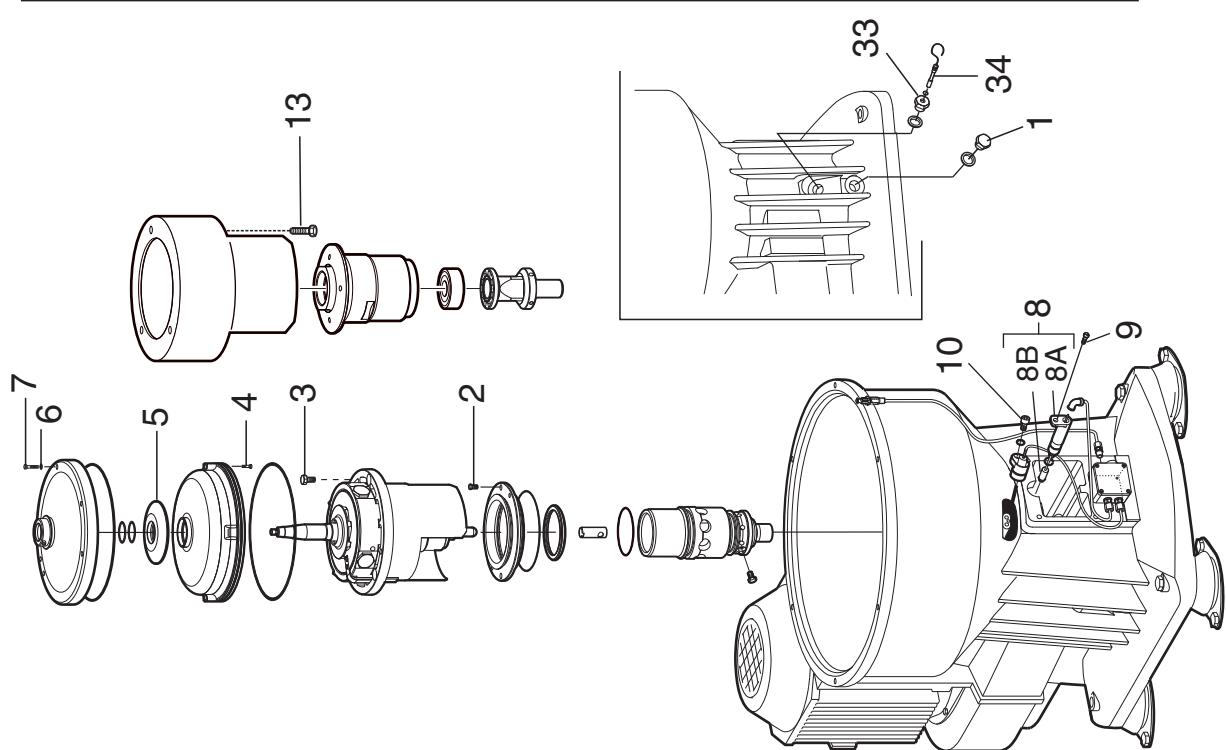
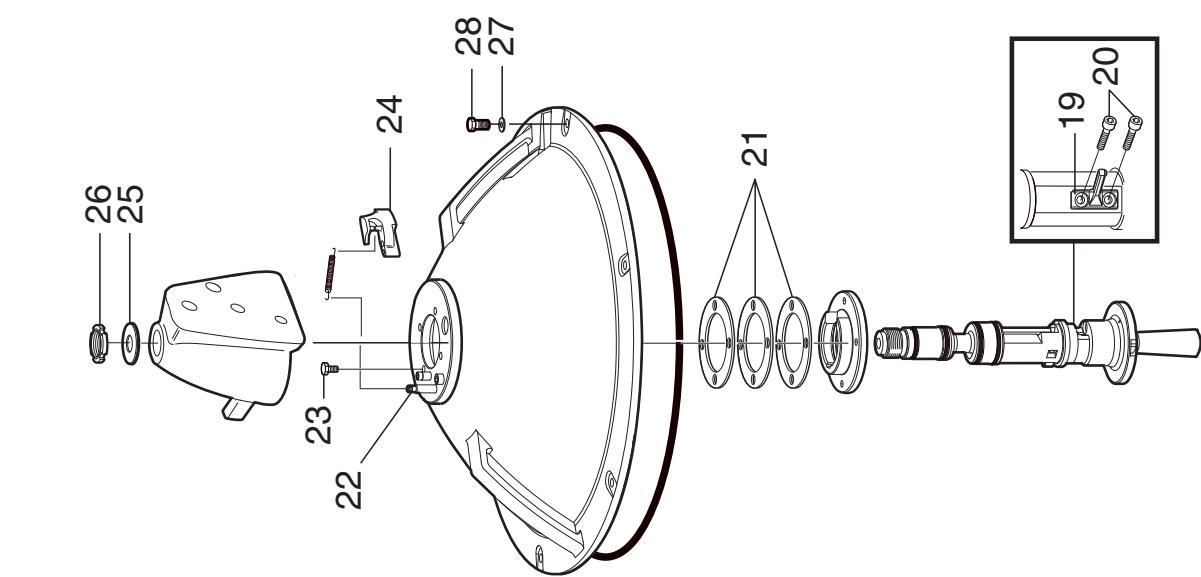
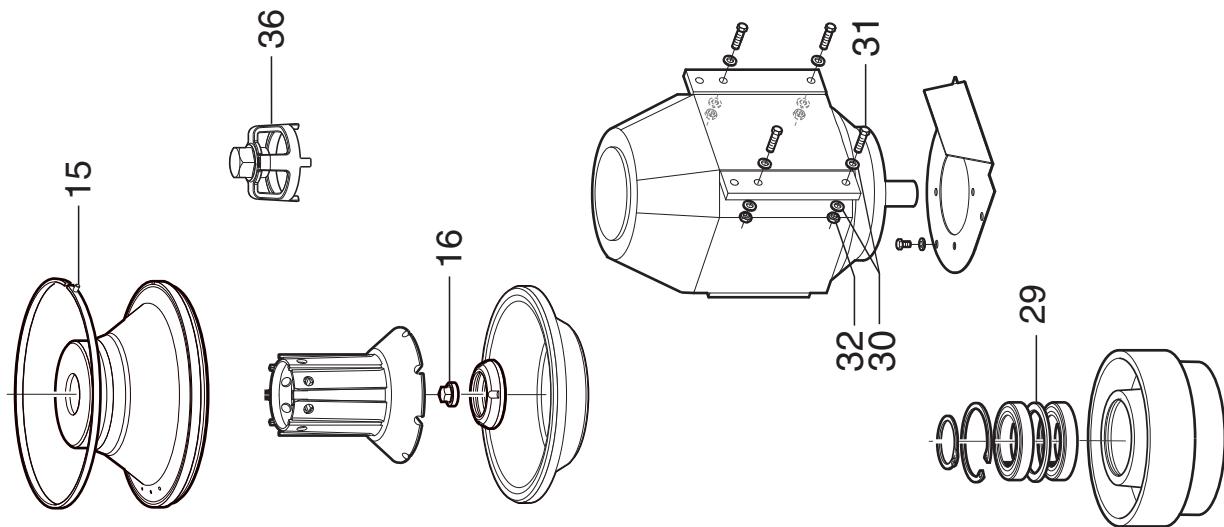
Ref	Part No	Description	Machine unit number or Subassembly description		Notes
			9006265-	-01 -02	
		50 Hz 60 Hz	↓	↓	
1	9006264 01	Inspection kit	1	1	
2	2234121 38	O-ring	1	1	Strainer/ Bottom bearing housing
3	2234121 40	O-ring	1	1	Bottom bearing housing
4	562095 02	Labyrinth ring	1	1	Labyrinth ring holder/ Spindle pulley
5	223412 23	O-ring	1	1	Labyrinth ring holder/ Frame bottom part
6	223412 46	O-ring	1	1	Neck bearing cover/ Frame bottom part
7	566788 21	Seal ring	1	1	Neck bearing cover/ Fan
8	223406 28	O-ring	2	2	Deflector ring/ Bowl spindle
9	223404 20	O-ring	1	1	Pipe/ Operating water cover
10	223412 46	O-ring	1	1	Operating water cover
11	566788 05	Seal ring	1	1	Bowl spindle/ Operating water cover
12	596718 02	Locking liquid Medium	1	1	Screws
13	596723 02	Locking liquid Low	1	1	Bottom bearing holder
14	74067	O-ring	1	1	Plug/ Frame bottom part
15	548747 08	Ball bearing	1	1	Bowl spindle/ Top bearing seat
16	223642 36	Snap ring	1	1	Top bearing seat/ Ball bearing
17	562109 03	Helical spring	3	3	Top bearing seat/ Top bearing housing
18	562110 02	Composite spring	4	4	Top bearing seat/ Plug
19	548744 03	Self-align roller bearing	1	1	Bowl spindle/ Bottom bearing housing
20	597777 04	Guide ring	1	1	Bowl body/operating slide
21	223406 30	O-ring	1	1	Bowl spindle/ Fan
22	545869 03	Nozzle ø 1,5 mm	1	1	Operating slide
25	548051 49	Ball bearing	2	2	Coupling hub/ Motor belt pulley
26	66251	Snap ring	1	1	Motor belt pulley/ Ball bearing
27	223641 18	Snap ring	1	1	Coupling hub/ Ball bearing
28	564075 80	Friction block	5	3	Coupling hub/ Motor belt pulley
29	223641 20	Snap ring	1	1	Coupling hub/ Cover
30	223107 35	Spring washer	1	1	Motor shaft/ Screw
31	563464 01	Flat belt	1		Motor belt pulley/ Spindle pulley
31	563467 01	Flat belt		1	Motor belt pulley/ Spindle pulley
99	9006310	Exploded view	1	1	



13 Support kit

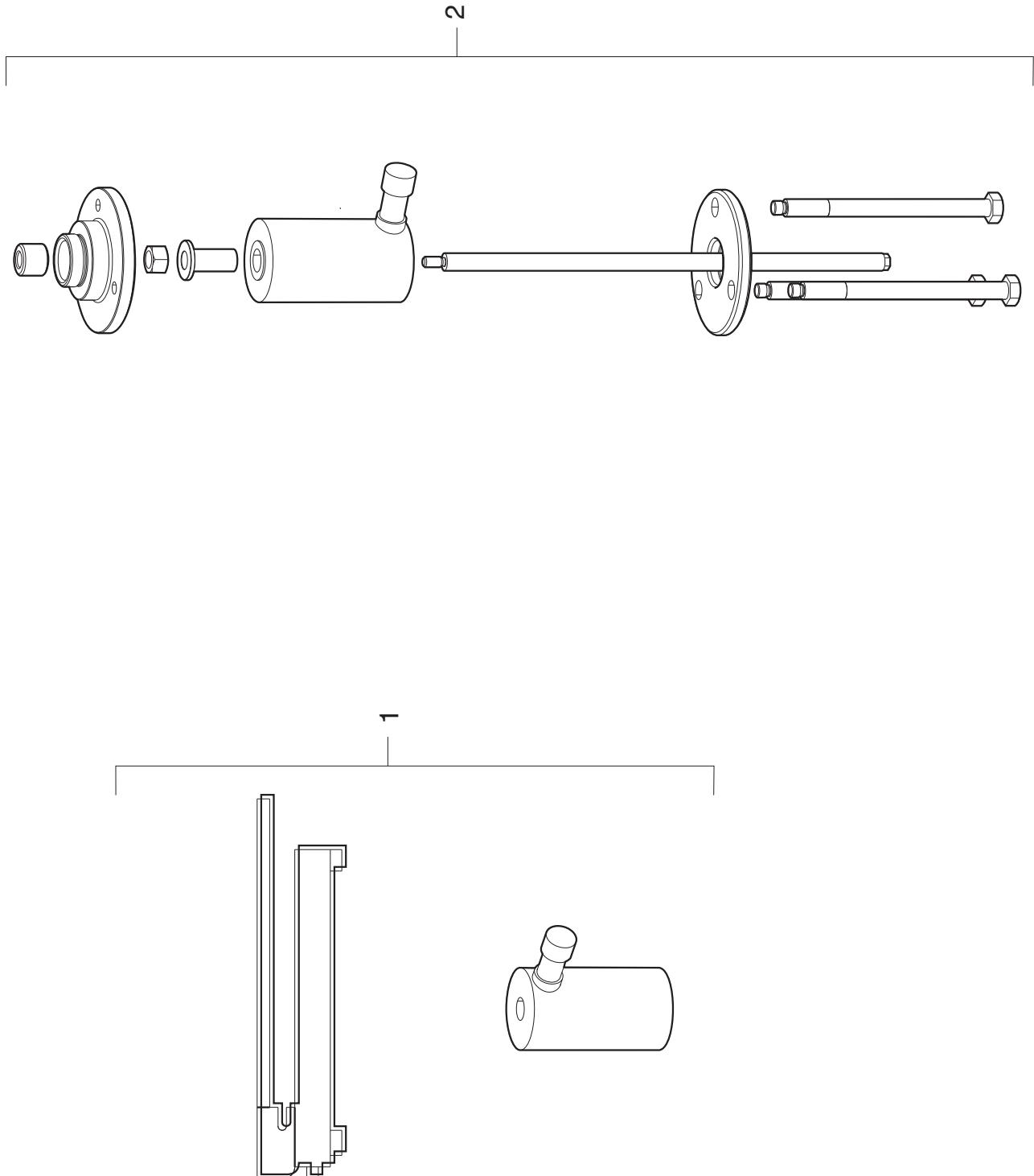
Spare part not included in service kit

Ref	Part No	Description	Machine unit number or Subassembly description		Notes
			-04	Quantity	
1	526350 04	Plug	1		Frame bottom part
2	221716 23	Screw	2		Labyrinth ring holder
3	221721 24	Screw	3		Top bearing housing
4	221711 18	Screw	1		Neck bearing cover
5	592072 01	Deflector ring	1		Bowl spindle
5	598742 01	Deflector ring	1		(S.S.) - Bowl spindle
6	41456	Washer	3		Screw/ Operating water cover
7	221040 46	Screw	3		Operating water cover
8	562902 80	Sensor with support	1		Frame bottom part
9	221716 23	Screw	1		Frame bottom part/ Sensor support
10	221716 23	Screw	1		Frame bottom part/ Plug
13	221040 41	Screw	3		Top bearing housing/ Air deflector
15	560661 80	Lock ring	1		Bowl body/ Bowl hood
15A	560637 01	Guide lug	1		
16	561298 01	Cap nut	1		Bowl spindle/ Bowl body
19	562586 02	Axial support	1		Inlet and outlet device/ Pipe
20	221701 15	Screw	2		Inlet and outlet device/ Axial support
21	561957 01	Height adjusting ring	3		Frame hood/ Support ring
22	562587 01	Spring holder	1		Frame hood
23	221036 01	Screw	4		Frame hood/ Height adjusting ring
24	562582 80	Arm	1		Frame hood/ Paring tube
25	561962 01	Washer	1		Inlet pipe/ Connecting housing
26	562343 02	Locking nut	1		Inlet pipe/ Connecting housing
27	41456	Washer	6		Frame hood/ Frame bottom part
28	221040 05	Screw	6		Frame hood/ Frame bottom part
29	547833 01	Spacing ring	1		Ball bearing/ Ball bearing
30	41456	Washer	8		Motor/ Frame bottom part
31	221040 58	Screw	4		Motor/ Frame bottom part
32	35120	Nut	4		Motor/ Frame bottom part
33	565378 01	Plug	1		Frame bottom part
34	571743 80	Oil pin	1		Frame bottom part/ Plug
36	561369 02	Spanner for nut	1		Nut/ Discharge slide
99	592619	Exploded view	1		



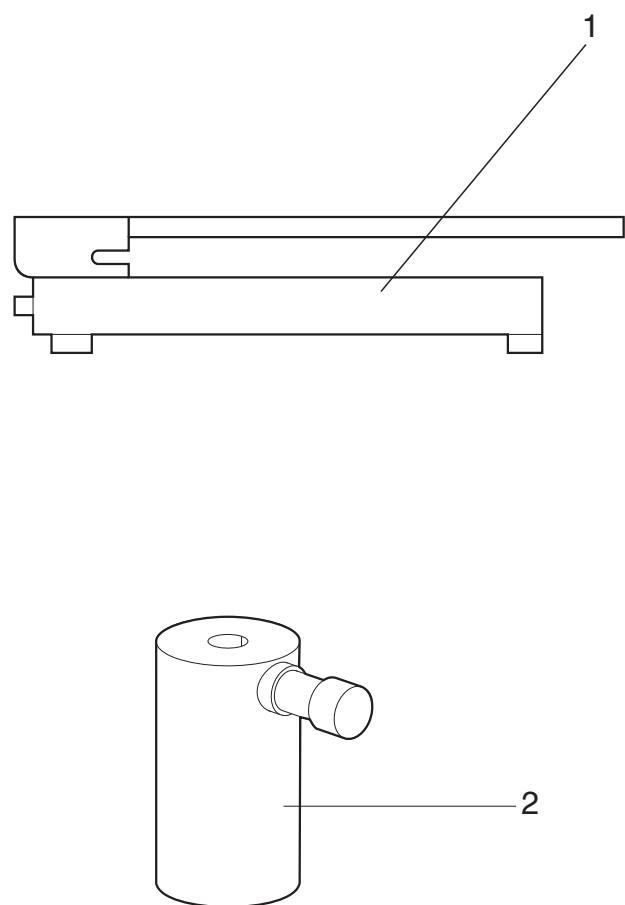
14 Hydraulic tool kit

Ref	Part No	Description	Machine unit number or Subassembly description 574986- -04	Notes
			Quantity	
1	574618 80	Hydraulic components	1	See page 54
2	574626 82	Hydraulic tool		See page 56



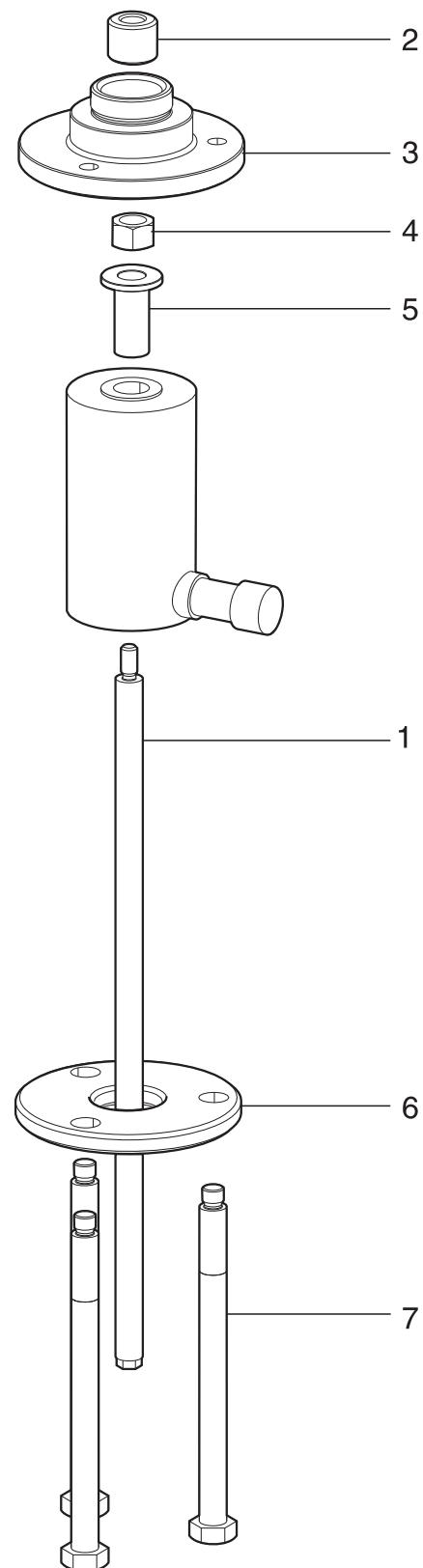
14.1 Hydraulic components

Ref	Part No	Description	Machine unit number or Subassembly description	Notes
			574618- -80	
			Quantity	
1	574618 01	Pump with hose	1	
2	574618 02	Hydraulic cylinder	1	



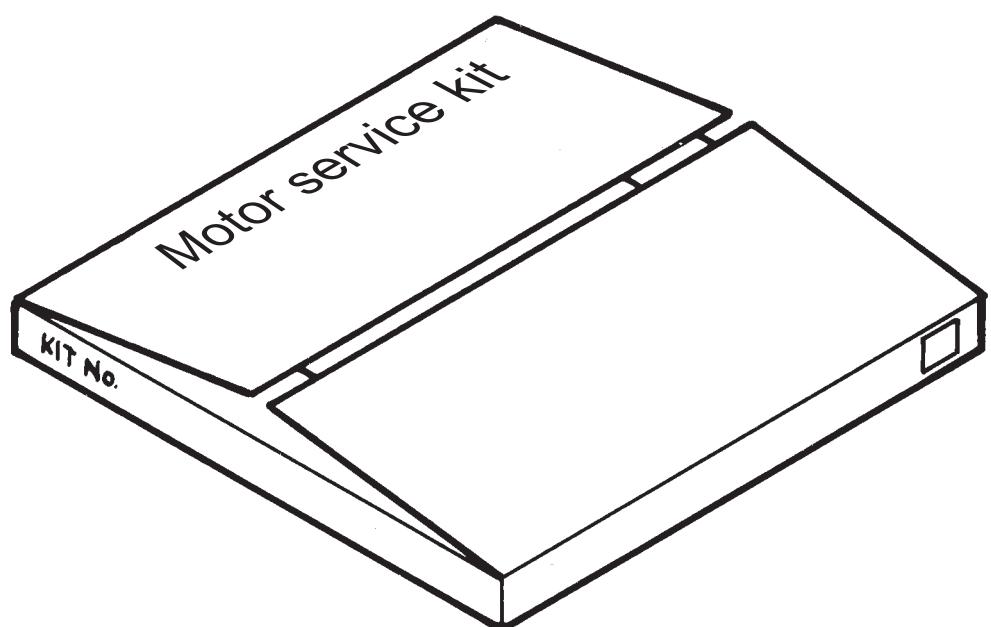
14.2 Hydraulic tool

Ref	Part No	Description	Machine unit number or Subassembly description 574626- -82				Notes
			Quantity				
1	571628 01	Stud bolt	1				
2	574627 03	Sleeve	1				
3	571627 01	Holder	1				
4	221803 35	Nut, M20	1				
5	574954 01	Sleeve	1				
6	571620 01	Plate	1				
7	571622 01	Screw	3				



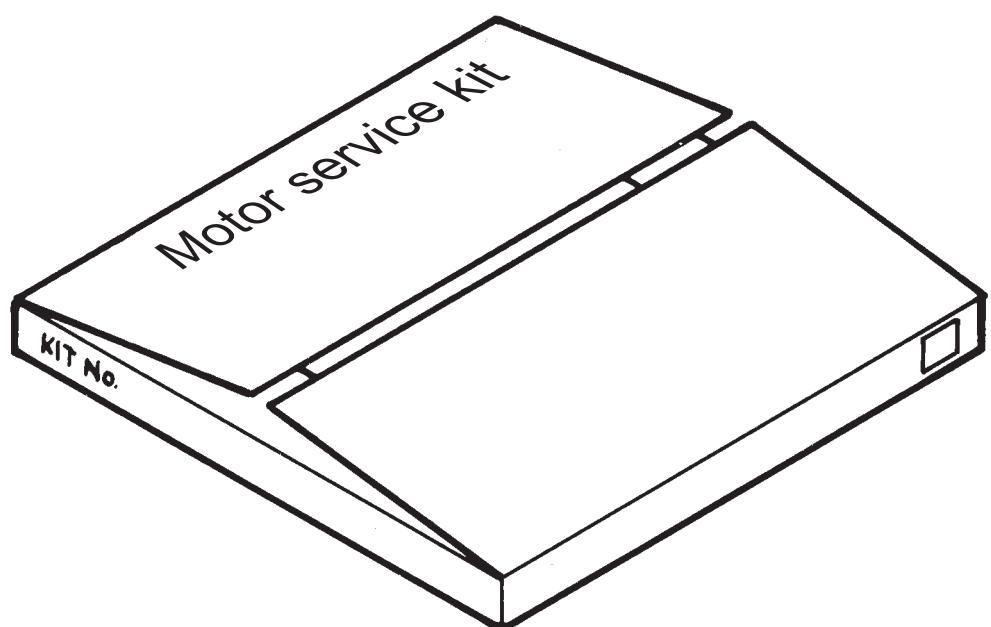
15 Motor service kit, Standard motor

Ref	Part No	Description	Machine unit number or Subassembly description 9007345-				Notes
			-80	Quantity			
1	548051 04	Ball bearing	1				D-end
2	548051 04	Ball bearing	1				ND-end
3	9001768 01	Fan	1				
4	9007344 02	Spring washer	1				
5	9001768 03	O-ring	1				D-end
6	9001768 04	O-ring	1				ND-end



16 Motor service kit, IE2 motor

Ref	Part No	Description	Machine unit number or Subassembly description 9001768- -80				Notes
			Quantity				
1	548051 04	Ball bearing	2				
3	9001768 01	Fan	1				
4	9001768 02	Spring washer	1				
5	9001768 03	O-ring	1				
6	9001768 04	O-ring	1				



17 Cross reference list

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1270019	36	3	223403 61	46	23	521127 05	30	25
17812	22	40	223403 61	28	7	521127 05	46	14
221035 46	42	13B	223404 05	46	18	526350 04	50	1
221035 53	44	3	223404 05	22	8	526350 04	22	6
221036 01	30	11	223404 20	48	9	526352 06	22	30
221036 01	50	23	223404 20	22	28	527395 11	42	15
221040 05	30	27	223404 51	46	27	532333 03	22	46
221040 05	42	13A	223406 13	42	9A	539418 02	22	29
221040 05	50	28	223406 27	30	16	545869 03	48	22
221040 08	22	36	223406 27	46	12	545869 03	24	11
221040 41	50	13	223406 28	48	8	545869 03	28	4
221040 42	32	7	223406 28	22	26	547833 01	34	3
221040 43	42	6B	223406 30	48	21	547833 01	50	29
221040 46	50	7	223406 30	24	17	547837 01	32	6
221040 46	22	35	223406 39	46	4	548043 01	42	14
221040 58	32	11	223406 39	28	11	548051 04	58	1
221040 58	50	31	223412 23	22	18	548051 04	58	2
221045 52	42	3D	223412 23	48	5	548051 04	60	1
221045 60	32	4	223412 46	22	23	548051 49	34	2
2210462 32	22	4	223412 46	48	6	548051 49	48	25
221125 20	22	48	223412 46	48	10	548457 80	42	9
221126 04	22	45	223412 46	22	33	548744 03	48	19
221701 15	30	6	2234121 38	22	11	548744 03	24	10
221701 15	50	20	2234121 38	48	2	548747 08	48	15
221706 03	22	14	2234121 40	22	15	548747 08	24	2
221706 05	42	8	2234121 40	48	3	549325 01	34	9
221706 05	46	19	223641 18	34	6	552766 07	46	15
221711 13	30	10C	223641 18	48	27	552766 07	22	5
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221716 22	22	44C	260104 05	46	5	553272 01	36	6
221716 22	24	16	260104 05	28	15	554214 02	36	9
221716 23	22	19	260104 22	46	26	555529 01	36	7
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221716 23	50	9	260154 01	42	7	556416 17	38	6
221716 23	50	10	260236 03	44	6	556416 24	40	3
221716 23	22	39	260247 02	28	28	557714 01	36	1
221716 23	22	43	260247 02	46	9	560131 02	22	2
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221803 35	56	4	41456	32	8	560426 04	34	1
223101 94	22	47	41456	32	10	560637 01	28	29A
223107 35	32	5	41456	50	6	560637 01	50	15A
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223403 55	30	3	41456	50	30	560638 01	46	1

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560638 01	28	6	562902 80	50	8	570142 01	38	1
560639 01	28	3	562902 81	26	1	571405 80	22	22
560649 01	28	18	562993 81	22	1	571453 02	24	14
560652 01	28	20A	563067 03	28	25	571620 01	56	6
560661 80	28	29	563084 80	42	13	571622 01	56	7
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561114 01	32	2	563316 01	30	7	571628 01	56	1
561298 01	50	16	563316 01	46	24	571743 80	50	34
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561389 82	30	24	564075 80	34	8	574618 02	54	2
561439 01	42	11	564075 80	48	28	574618 80	52	1
561551 02	42	3E	564089 80	34	5	574626 82	52	2
561584 80	42	4	564095 80	32	3	574627 03	56	2
561593 80	42	1	564095 81	32	3	574954 01	56	5
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561610 01	42	6A	564401 01	28	26	575055 81	42	3
561773 03	22	41	564403 01	28	27	575083 02	42	3B
561773 04	38	2	564403 01	46	8	575098 01	42	3C
561773 07	22	41	564478 01	46	3	576173 01	46	29
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562091 01	22	12	566407 02	30	15	578019 01	22	44B
562094 01	22	16	566407 02	46	31	578019 80	22	44
562095 02	22	17	566408 02	30	4B	579323 02	28	12
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562343 02	50	26	566718 81	22	37	589704 01	22	13
562582 80	30	14	566788 05	48	11	589776 01	42	12
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562584 80	30	18	566788 15	28	13	590643 80	28	22
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596718 02	48	12
596723 02	48	13
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598742 01	22	25
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599090 01	24	14
64416	28	1C
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66251	34	4
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73103	28	20B
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9001768 04	58	6
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