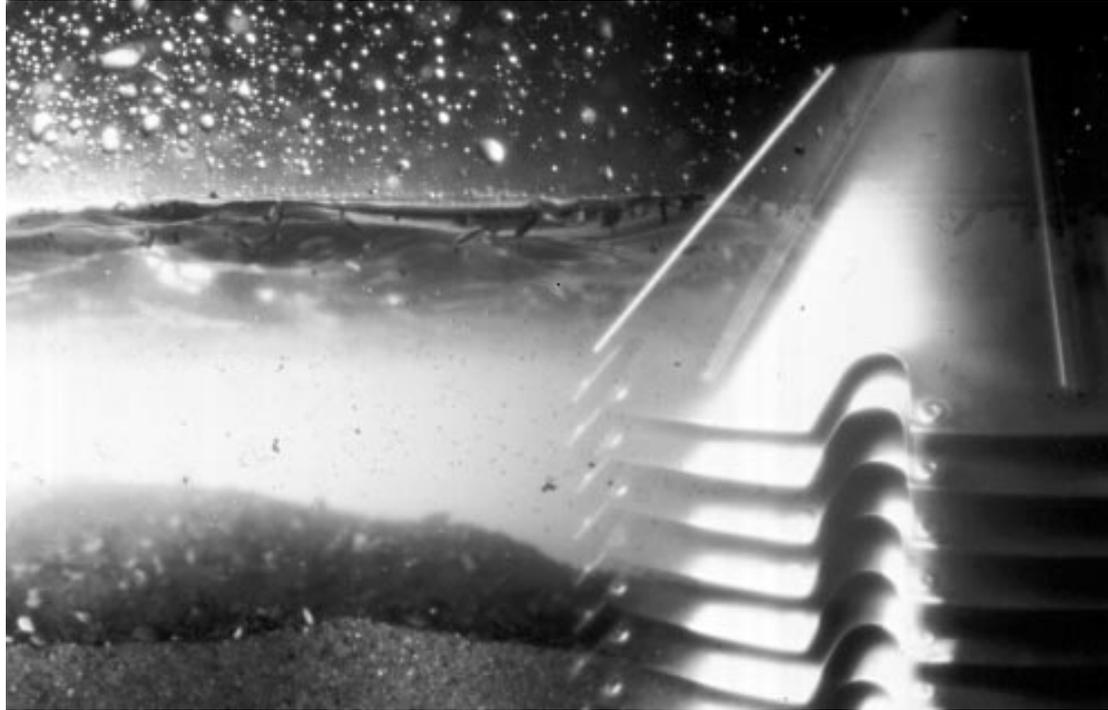


FOPX 605TFD-20



Spare parts catalogue

Reservdelskatalog

Ersatzteilkatalog

Catalogue de pièces de
rechange

Catalogue de piezas de
recambio

Каталог запасных
частей

Catalogo parti di ricambio

Catalogo de peças
sobressalentes

Varaosaluettelo

Καταλογος
ανταλλακτικων

Reserveonderdelen-
catalogus

Reservdelskatalog

Alfa Laval Tumba AB
Separator Manuals, dept. SKEL
SE-147 80 Tumba, Sweden

Telephone: +46 8 530 650 00
Telefax: +46 8 530 310 40

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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** Maskinskylden - 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 1.1" 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** 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 a separator equipped with non-original spare parts. We guarantee the quality and reliability of our products.



S0023621



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.



S0023621



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 utbyte av kulans delar **övervakas av en serviceingenjör från Alfa Laval**. Alfa Laval tar inget ansvar för maskin- eller personsador 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.



SU023621



WARNUNG 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.



WARNUNG 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.



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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.



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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 desequilibrado 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.



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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.



S0023621



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.



S0023621



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 käyttämällä 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.



SU023621



VAROITUS B

Kun separaattorin kuula-asennelman tiettyjä osia vaihdetaan, sen tärinän taso voi kasvaa. Tämä voi johtaa joidenkin osien, kuten vierintälaakereiden ja hammasvaihteiden, käyttöiän lyhenemiseen. Jos asennelma joutuu pahasti epätasapainoon, pyörivä kuula-asennelma voi koskettaa runkoa ja aiheuttaa laite- ja henkilövahinkoja. Suosittelemme, että **Alfa Lavalin huoltoinsinööri valvoo** vaihtoa. Alfa Laval ei ota 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.



S0023621



ΠΡΟΣΟΧΗ B

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 καμία ευθύνη για υλικές ζημιές ή για τραυματισμό του προσωπικού λόγω τοποθέτησης αυτών των εξαρτημάτων από μη εξουσιοδοτημένα άτομα.



ΠΡΟΣΟΧΗ C

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 niet-originele reserveonderdelen. Wij garanderen de kwaliteit en de betrouwbaarheid van onze producten.



SU023621



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 tandwiel. 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 separatorer, der er udstyret med uoriginale reservedele. Vi indestår for vore produkters kvalitet og driftssikkerhed.



S0023621



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	Anmärkingar	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 n°	No. de sección de máquina
Subassembly description	Undergruppsbenämning	Bezeichnung der Untergruppe	Dénomination de sous-ensemble	Descripción de subconjunto
Subassembly no.	Undergruppsnr	Untergruppe Nr.	N° 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 ombalansering av kulan	Austausch erfordert Wiederauswuchtung der Trommel	Le remplacement nécessite le rééquilibrage du bol	El racmbio 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

Translation list

Словарь перевода
 Lista traduzioni
 Lista para tradução
 Käännösluettelo

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	Huomatuksia
Machine type	Машина тпа	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	Descricao 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 iequilibratura del tamburo	El racmbio 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 varaosaluettelo
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

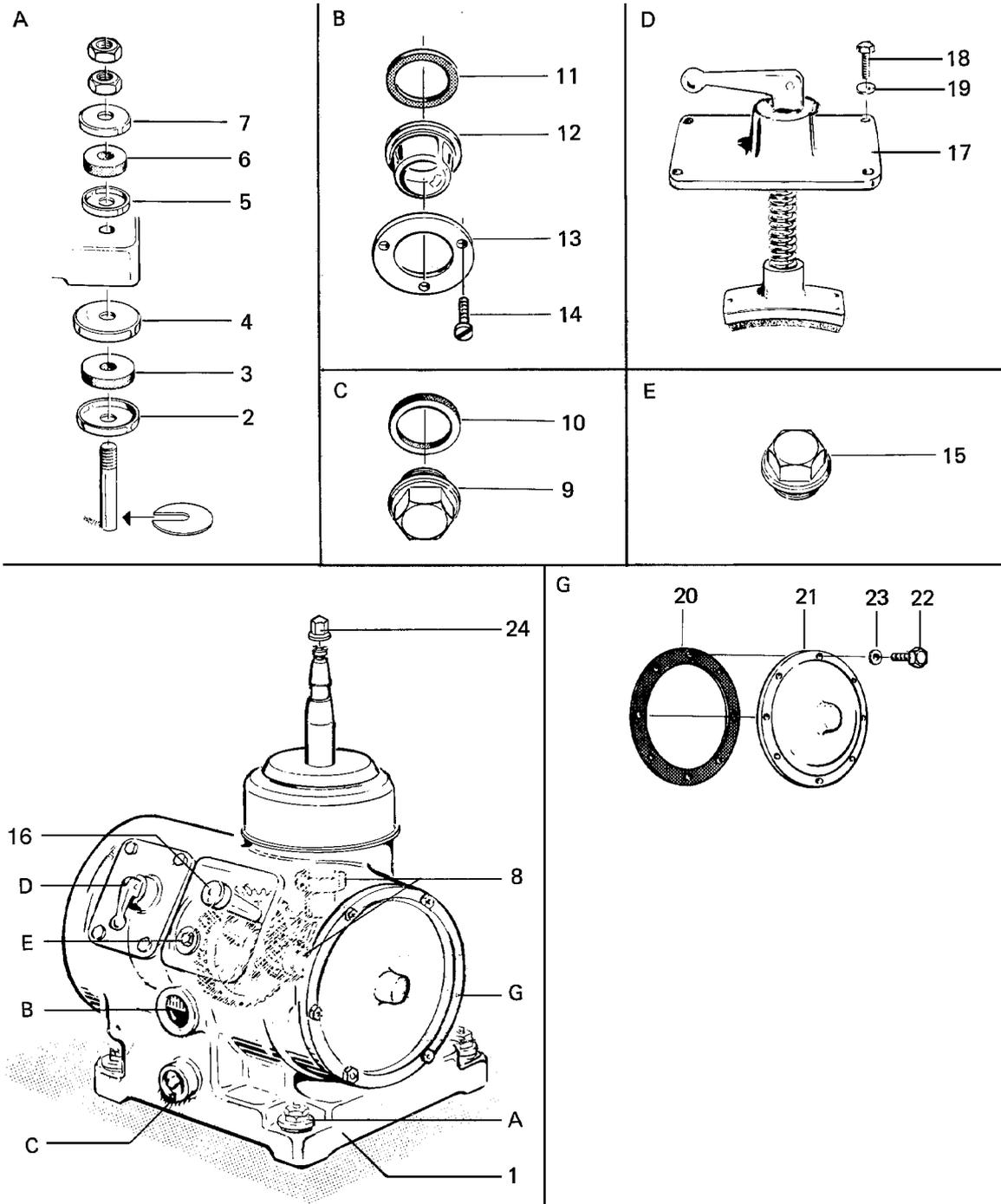
Translation list

ΓΛΩΣΣΑΡΙ
Vertaallijst
Oversættelsesliste

en	el	nl	da
Part no.	Αριθμός 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	Machineblokbenaming	Maskinnr.
Subassembly description	Περιγραφή υποσυγκροτήματος	Subgroepbenaming	Undergruppsbetegnelse
Subassembly no.	Αριθμός υποσυγκροτήματος	Subgroepnr.	Undergruppenr.
See page	Βλέπε σελίδα	Zie blz.	Se side
Fig. ref.	Παραπομπή σε εικόνα	Afb. ref.	Figurhenviisning
Product name	Ονομασία προϊόντος	Produktnaam	Produktnavn
Exchange necessitates rebalancing of bowl	Ανταλλαγή απαιτεί επαναρρύθμιση ισορροπίας του τύμπανου	Vervanging vereist herbalanceren van de kogel	Udskriftning kraever ny afbalcering af kuglen
See separate spare parts list	Βλέπε ειδική λίστα ανταλλακτικών	Vervanging vereist van de kogel	Se spaat reservedelsliste
Not delivered as spare part	Δεν παραδίδεται ως ανταλλακτικό	Niet geleverd als reserveonderdeel	Levereres ikke som reservedel

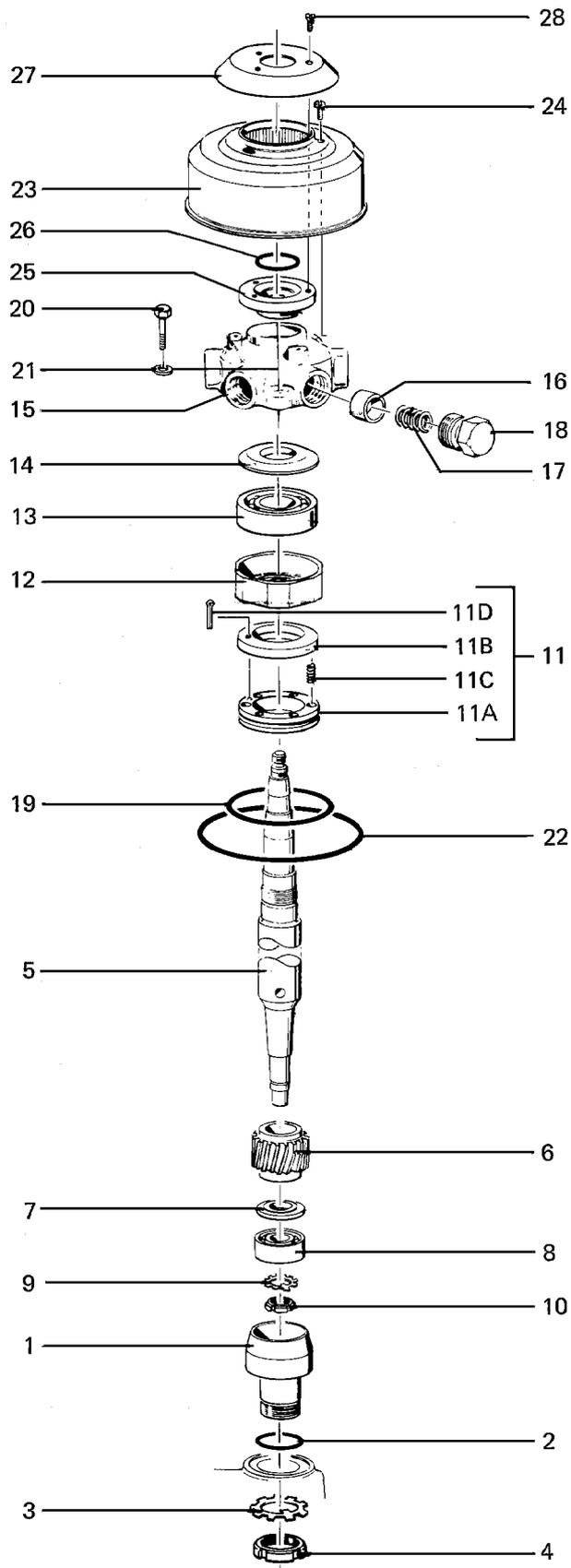
2 Machine bottom part

Ref	Part No	Description	Machine unit number or Subassembly description		Quantity							Notes	
			-10	-11									
		50 Hz	↓										
		60 Hz		↓									
1	526713 01	Frame bottom part	1	1									
2	71123	Cap	4	4									
3	65232	Rectangular ring	4	4									
4	71124	Cap	4	4									
5	71125	Cap	4	4									
6	65235	Rectangular ring	4	4									
7	71126	Cap	4	4									
8	537211 87	Driving device	1										See page 24
8	537211 88	Driving device		1									See page 24
9	520529 02	Plug	1	1									
10	518470 01	Gasket	1	1									
11	1104	Rectangular ring	1	1									
12	8859	Oil gauge glass	1	1									
13	9175	Fixing plate	1	1									
14	2211721 08	Screw	3	3									
15	526686 02	Plug	1	1									
16	526712 81	Revolution counter	1	1									See page 28
17	518475 81	Guard	1	1									See page 30
18	72933	Screw	4	4									
19	20758	Washer	4	4									
20	518488 01	Gasket	1	1									
21	526754 02	Bearing shield	1	1									
22	2210941 17	Screw	7	7									
23	20758	Washer	7	7									
24	518415 01	Cap nut	1	1									

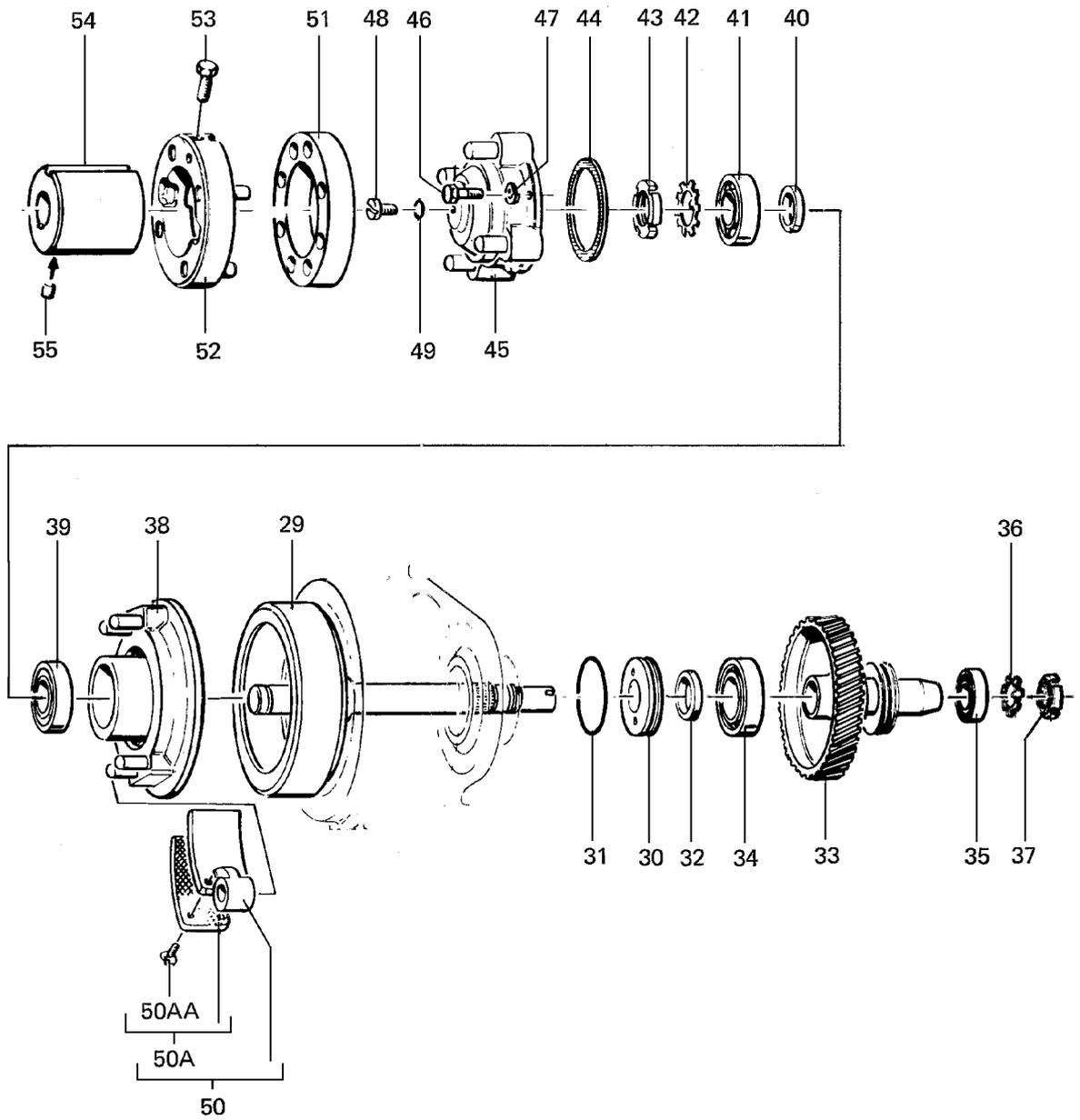


2.1 Driving device

Ref	Part No	Description	Machine unit number or Subassembly description									Notes
			537211-									
			-87	-88	Quantity							
			↓	↓								
		50 Hz										
		60 Hz										
1	518431 02	Bushing	1	1								
2	66554	O-ring	1	1								
3	38723	Lock washer	1	1								
4	67477	Round nut	1	1								
5	518463 01	Bowl spindle	1	1								
6	518441 03	Worm		1								
6	518441 07	Worm	1									
7	518459 01	Spacing washer	1	1								
8	548746 02	Ball bearing	1	1								
9	38159	Lock washer	1	1								
10	67472	Round nut	1	1								
11	518460 80	Axial buffer	1	1								
11 A	518461 01	Spring support	1	1								
11 B	518462 01	Wear ring	1	1								
11 C	9699	Spring	6	6								
11 D	16434	Split pin	2	2								
12	518435 02	Ball bearing housing	1	1								
13	9684	Ball bearing	1	1								
14	518436 02	Deflector	1	1								
15	518437 02	Spring casing	1	1								
16	518348 01	Buffer	6	6								
17	226214 13	Spring	6	6								
18	518349 01	Screw plug	6	6								
19	223412 02	O-ring	1	1								
20	2210947 04	Screw	3	3								
21	62094	Spring washer	3	3								
22	223412 04	O-ring	1	1								
23	518457 01	Protecting guard	1	1								
24	2211721 07	Screw	3	3								
25	537161 01	Protecting collar	1	1								
26	64706	O-ring	1	1								
27	537139 01	Protecting plate	1	1								
28	2212601 06	Screw	3	3								

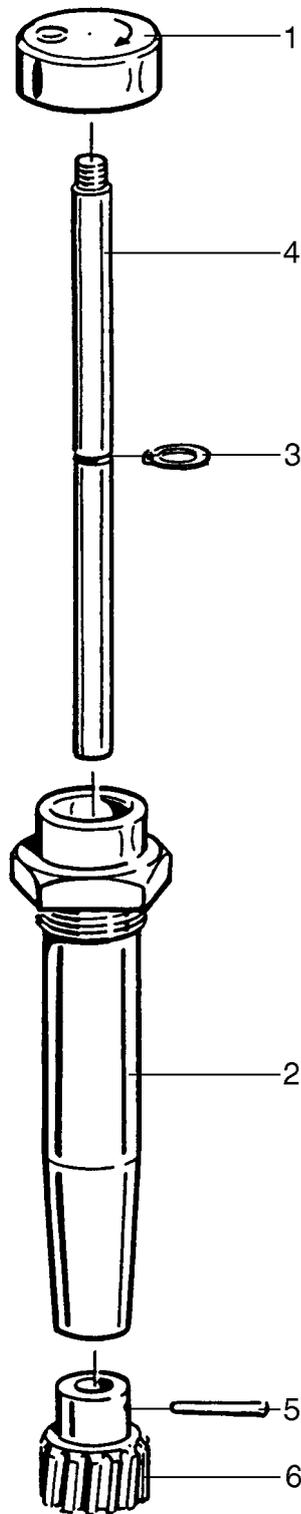


Ref	Part No	Description	Machine unit number or Subassembly description 537211-						Notes
			-87 -88		Quantity				
		50 Hz	↓						
		60 Hz		↓					
29	526752 81	Worm wheel shaft	1	1					
30	526764 01	Sealing washer	1	1					
31	70940	O-ring	1	1					
32	223521 15	Seal ring	1	1					
33	526723 81	Worm wheel		1					
33	526723 83	Worm wheel	1						
34	8132	Ball bearing	1	1					
35	11455	Ball bearing	1	1					
36	38159	Lock washer	1	1					
37	67472	Round nut	1	1					
38	518443 80	Nave	1	1					
39	11455	Ball bearing	1	1					
40	518483 01	Spacing ring	1	1					
41	11455	Ball bearing	1	1					
42	38159	Lock washer	1	1					
43	67472	Round nut	1	1					
44	64702	O-ring	1	1					
45	518444 80	Coupling disc	1	1					
46	2210941 17	Screw	2	2					
47	40040	Spring washer	2	2					
48	2211725 06	Screw	1	1					
49	39518	Gasket	1	1					
50	527981 83	Friction block	2						
50	531700 81	Friction block		2					
50 A	518478 83	Friction pad	1						
50 A	519619 83	Friction pad		1					
50 AA	8341	Screw	3	2					
51	518484 01	Elastic plate	1	1					
52	518447 80	Coupling disc	1	1					
53	520244 02	Stop screw	2	2					
54	518446 02	Coupling nave	1	1					
55	221585 05	Screw	1	1					



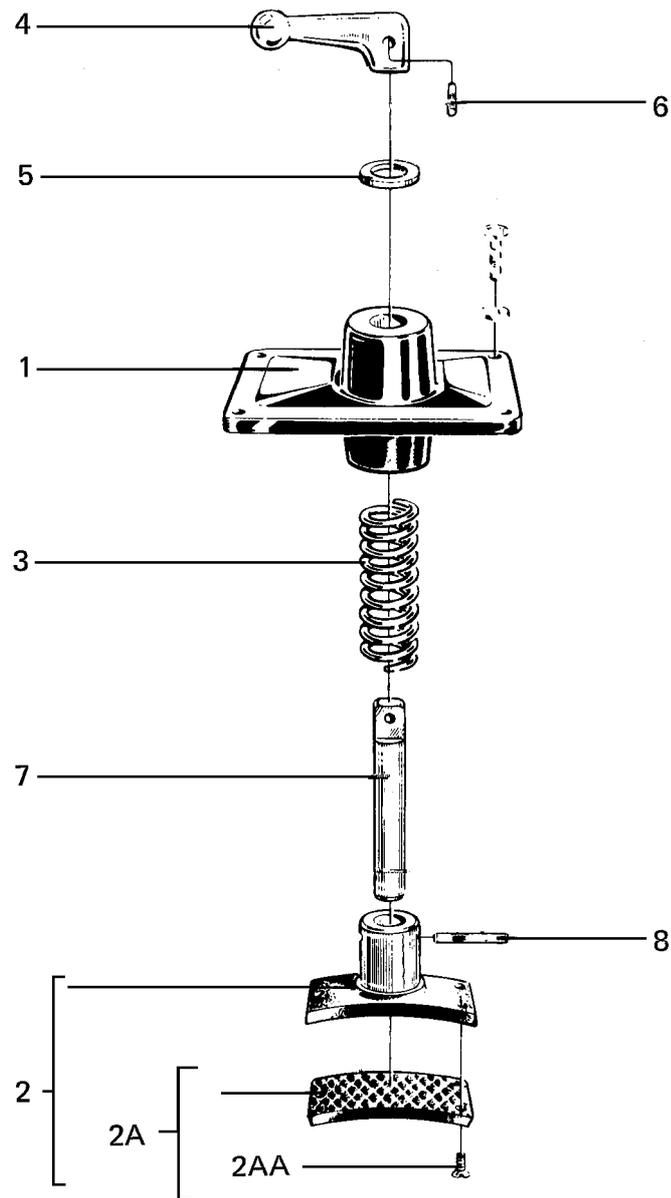
2.2 Revolution counter

Ref	Part No	Description	Machine unit number or Subassembly description							Notes	
			-81	526712-							
			Quantity								
1	526694 02	Protecting collar	1								
2	526692 02	Bushing	1								
3	67542	Snap ring	1								
4	526693 01	Revolution counter shaft	1								
5	69226	Taper pin	1								
6	69214	Gear wheel	1								



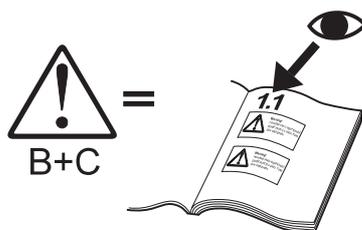
2.3 Guard

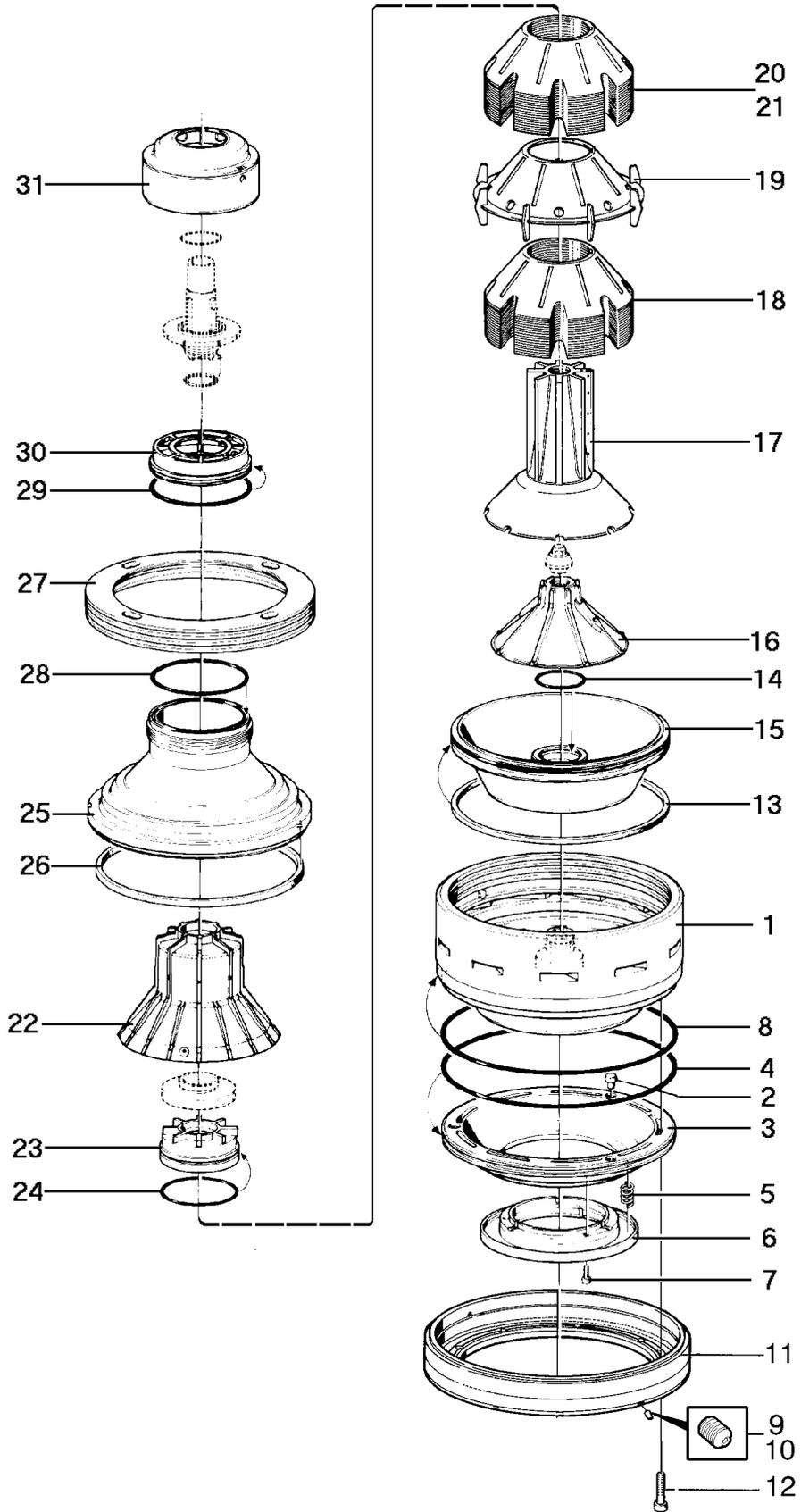
Ref	Part No	Description	Machine unit number or Subassembly description							Notes	
			518475-								
			-81	Quantity							
1	526761 01	Guard	1								
2	518476 81	Brake shoe	1								
2 A	518478 82	Friction pad	1								
2 AA	8341	Screw	3								
3	39919	Spring	1								
4	522749 02	Handle	1								
5	8115	Washer	1								
6	68794	Slotted pin	1								
7	519563 01	Spindle	1								
8	222116 06	Slotted pin	1								



3 Separator bowl

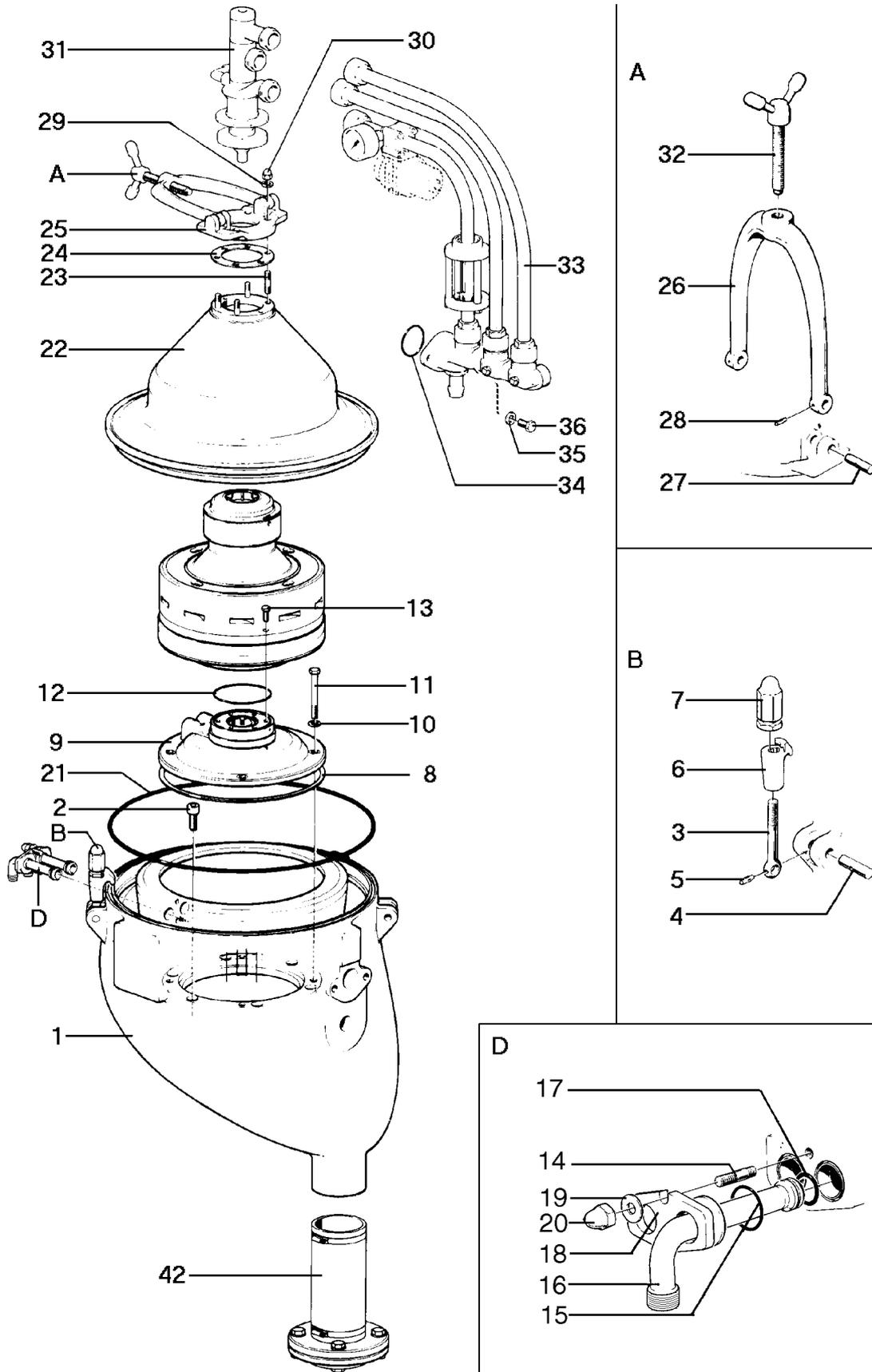
Ref	Part No	Description	Machine unit number or Subassembly description							Notes	
			546224-								
			-05	Quantity							
1	537109 82	Bowl body	1								B
2	537120 02	Valve plug	3								
3	537118 02	Operating slide	1								B
4	223412 47	O-ring	1								
5	260083 26	Spring	24								
6	537121 02	Spring support	1								
7	221706 10	Screw	3								
8	223412 47	O-ring	1								
9	545869 01	Nozzle Ø 1,2 mm	1								
10	545869 01	Nozzle Ø 1,2 mm	1								
11	537123 03	Proportioning ring	1								
12	221711 14	Screw	9								
13	521863 01	Rectangular ring	1								
14	223406 33	O-ring	1								
15	544191 02	Sliding bowl bottom	1								B
16	544183 80	Distributing cone	1								B
17	559605 80	Distributor	1								
18	559600 80	Bowl disc, caulks 0,5 mm	44								
19	559681 80	Wing insert	1								
20	559600 80	Bowl disc, caulks 0,5 mm	43								
21	559600 80	Bowl disc, caulks 0,5 mm	2								
22	546190 02	Top disc	1								B
23	544186 03	Level ring	1								
24	223406 36	O-ring	1								
25	544188 02	Bowl hood	1								C
26	521875 01	Seal ring	1								
27	521876 01	Lock ring	1								B
28	30675	O-ring	1								
29	223406 38	O-ring	1								
30	546163 02	Flow control disc	1								
31	544190 02	Paring chamber cover	1								





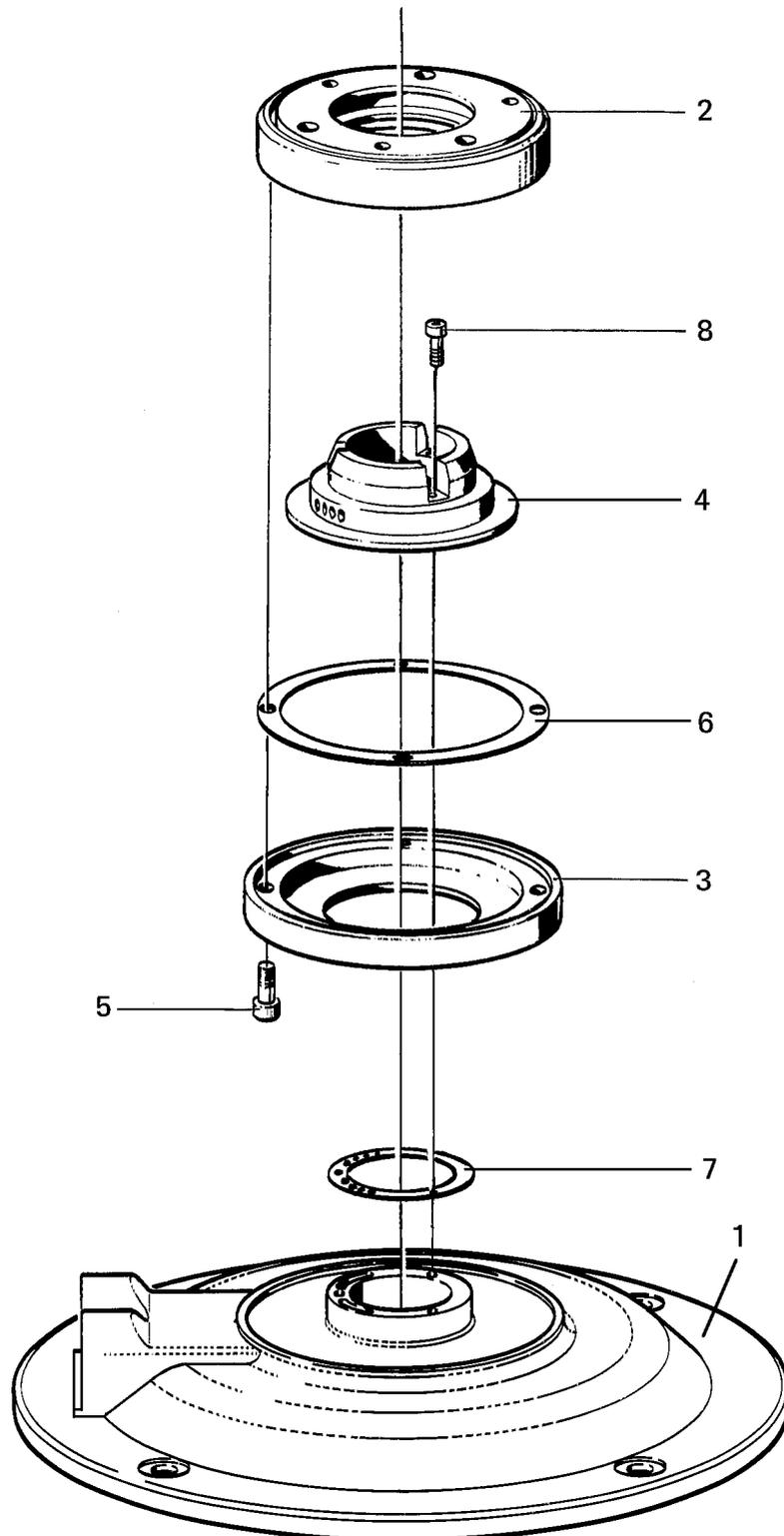
4 Machine top part

Ref	Part No	Description	Machine unit number or Subassembly description						Notes
			546226-						
			-04	Quantity					
1	537171 01	Frame top part	1						
2	2217767 14	Screw	6						
3	225415 17	Hinged bolt	4						
4	222137 01	Cylindrical pin with hole	4						
5	72474	Slotted pin	4						
6	70279	Clamping shoe	4						
7	536704 02	Cap nut	4						
8	546229 01	Rectangular ring	5						
9	537137 81	Paring disc device	1						See page 36
10	22405	Washer	4						
11	2210941 08	Screw	4						
12	223406 05	O-ring	1						
13	221036 01	Screw	3						
14	2216241 20	Stud bolt	2						
15	74067	O-ring	2						
16	553986 80	Inlet pipe	2						
17	223404 22	O-ring	2						
18	537156 01	Clamp washer	1						
19	223101 34	Washer	2						
20	221854 03	Cap nut	2						
21	223402 12	O-ring	1						
22	521887 02	Frame hood	1						
23	71143	Stud bolt	4						
24	519607 01	Height adjusting ring	6						
25	521901 07	Guide ring	1						
26	521902 02	Clamping stirrup	1						
27	71456	Cylindrical pin	2						
28	67783	Slotted pin	2						
29	20758	Washer	4						
30	221854 03	Cap nut	4						
31	546223 82	Feed and discharge device	1						See page 38
32	785366 81	Clamp screw	1						
33	544228 85	Feed and discharge pipes	1						See page 40
34	223406 15	O-ring	1						
35	223101 50	Washer	2						
36	2210947 15	Screw	2						
42	524016 83	Connection hose	1						See page 42



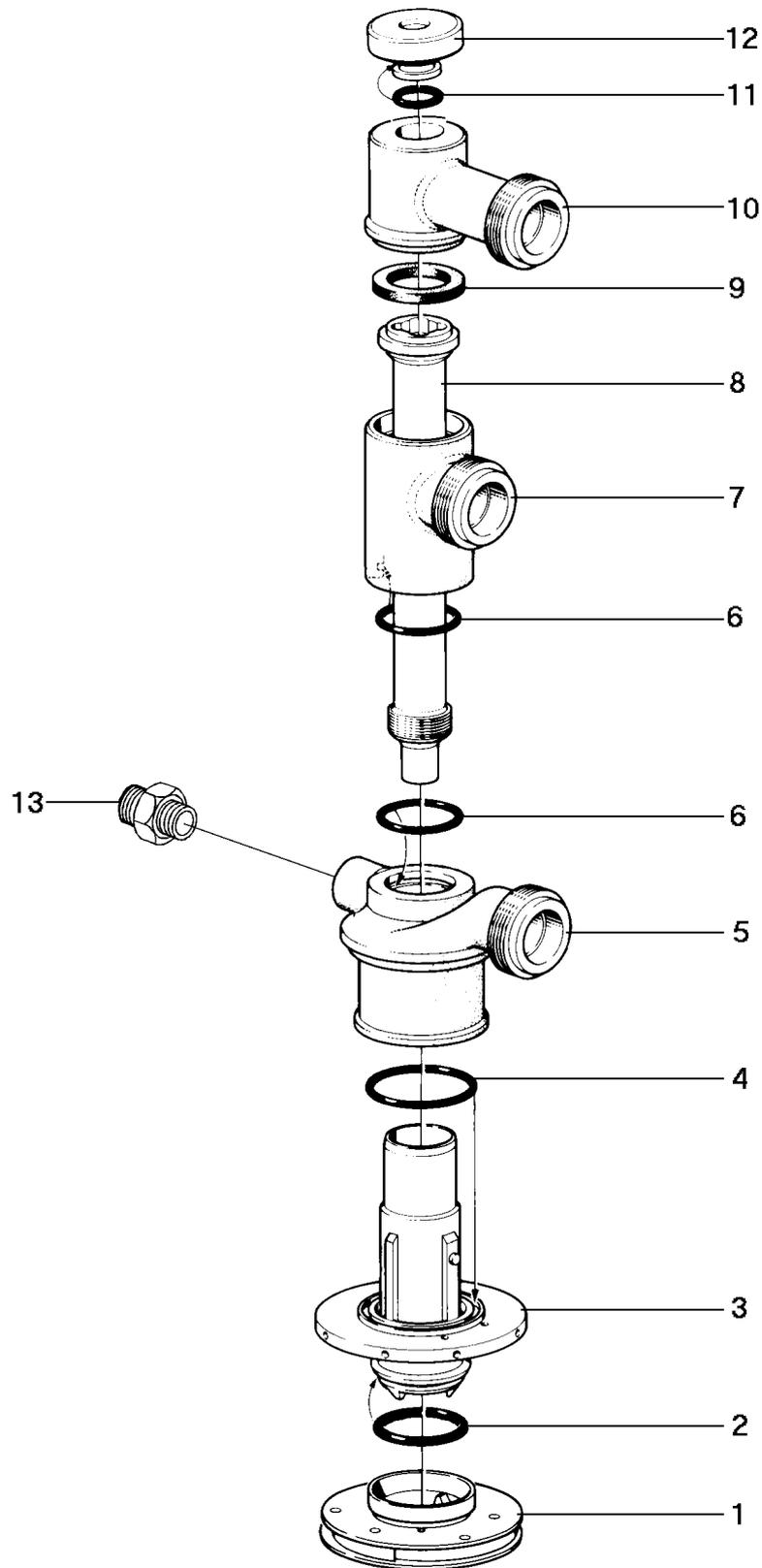
4.1 Paring disc device

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			537137-							
			-81	Quantity						
1	546949 02	Distributing cover	1							
2	537140 04	Distributing ring	1							
3	537141 04	Cover	1							
4	537142 04	Control paring disc	1							
5	221706 20	Screw	4							
6	537143 01	Gasket	1							
7	537144 01	Gasket	1							
8	71276	Screw	3							



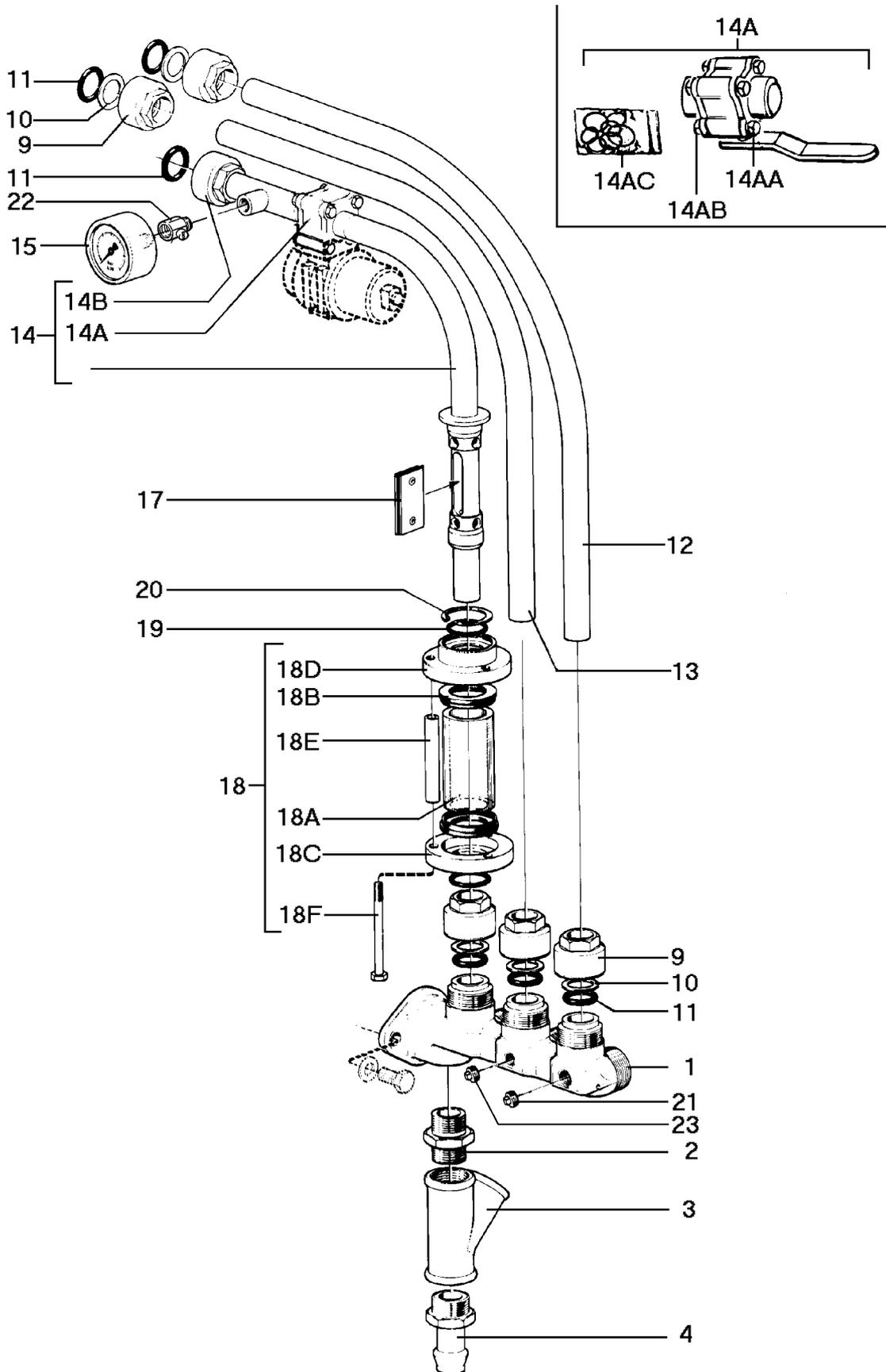
4.2 Feed and discharge device

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			546223-							
			-82	Quantity						
1	546173 80	Paring disc lower	1							
2	223408 08	O-ring	1							
3	546217 80	Paring disc upper	1							
4	223406 24	O-ring	1							
5	544193 04	Connecting housing	1							
6	223406 27	O-ring	2							
7	544192 04	Support	1							
8	524083 84	Feed tube	1							
9	190609	Rectangular ring	1							
10	537130 02	Support	1							
11	67035	O-ring	1							
12	536774 02	Plug	1							
13	526353 06	Hexagon nipple	1							



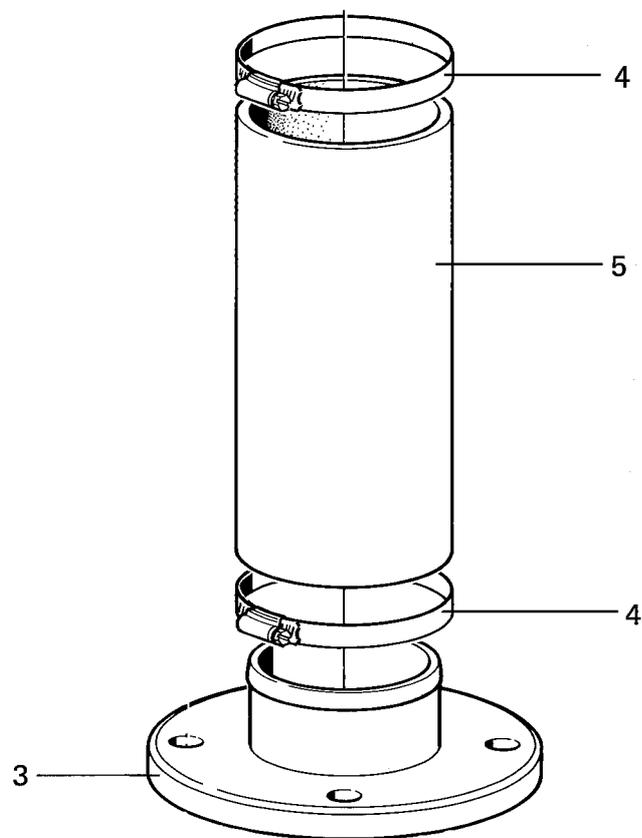
4.3 Feed and discharge pipes

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			544228-							
			-85	Quantity						
1	537162 02	Pipe support	1							
2	27509	Nipple	1							
3	546230 01	T-piece	1							
4	528920 07	Hose nipple	1							
9	537131 04	Coupling nut	5							
10	223144 04	Washer	5							
11	68085	O-ring	6							
12	537254 01	Elbow pipe	1							
13	537163 01	Elbow pipe	1							
14	544961 81	Ball valve with sight glass body	1							
14 A	536769 02	Ball valve	1							
14 AA	221030 12	Screw	4							
14 AB	221803 02	Nut	4							
14 AC	536769 81	Gasket set	1							
14 B	537131 02	Coupling nut	1							
15	543054 06	Pressure gauge	1							
17	544960 80	Scraper	1							
18	544576 80	Sight glass	1							
18 A	517674 01	Glass tube	1							
18 B	517672 02	Seal ring	2							
18 C	544316 02	Flange	1							
18 D	544212 02	Flange	1							
18 E	544216 01	Spacing tube	3							
18 F	221035 31	Screw	3							
19	223406 27	O-ring	2							
20	223642 22	Snap ring	1							
21	27520	Plug	1							
22	548333 01	Ball valve	1							
23	35121	Screw plug	1							



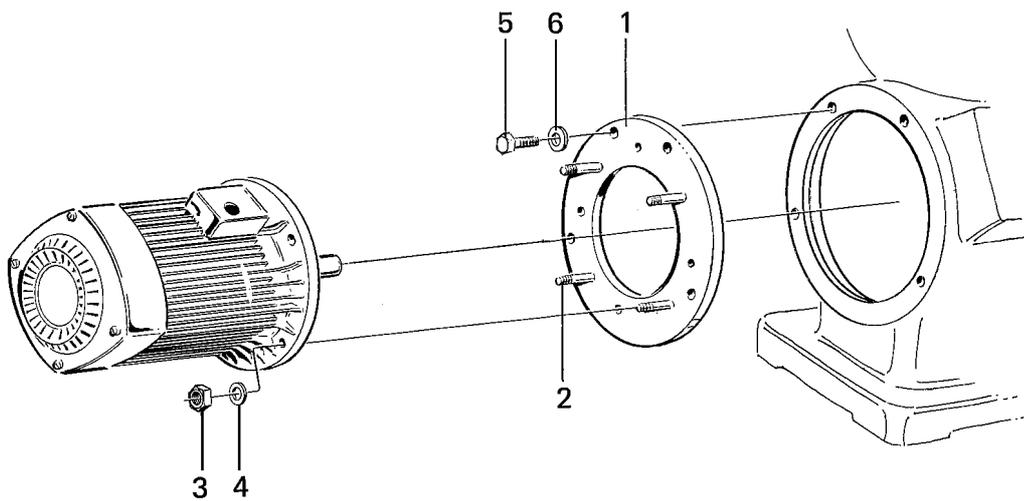
4.4 Connection hose

Ref	Part No	Description	Machine unit number or Subassembly description							Notes	
			524016-								
			-83	Quantity							
3	558544 01	Flange	1								
4	73466	Hose clip	2								
5	73467	Hose	1								



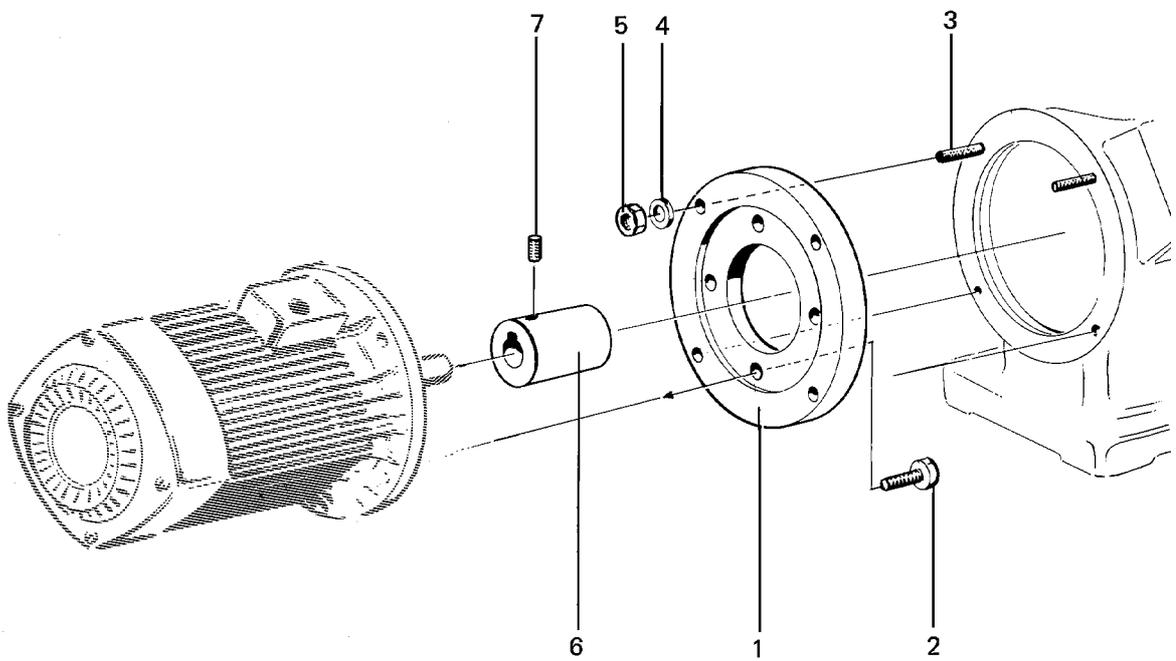
5 Parts for motor mounting, IEC standard

Ref	Part No	Description	Machine unit number or Subassembly description							Notes	
			537295-								
			-80	Quantity							
1	518449 02	Motor adapter	1								
2	2216261 01	Stud bolt	4								
3	72946	Nut	4								
4	70492	Washer	4								
5	2210947 16	Screw	4								
6	70492	Washer	4								



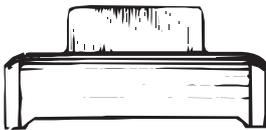
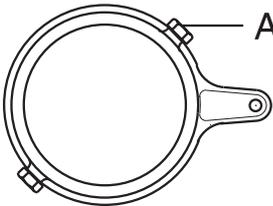
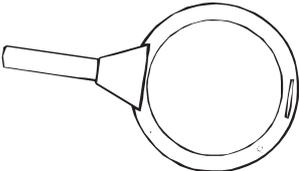
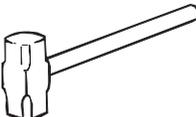
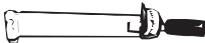
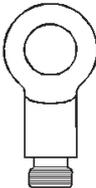
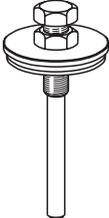
6 Parts for motor mounting, NEMA standard

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			541428-							
			-81	Quantity						
1	541407 02	Motor adapter	1							
2	2210947 16	Screw	4							
3	2216261 02	Stud bolt	4							
4	223101 50	Washer	4							
5	72946	Nut	4							
6	523352 08	Coupling nave	1							
7	221585 05	Screw	1							



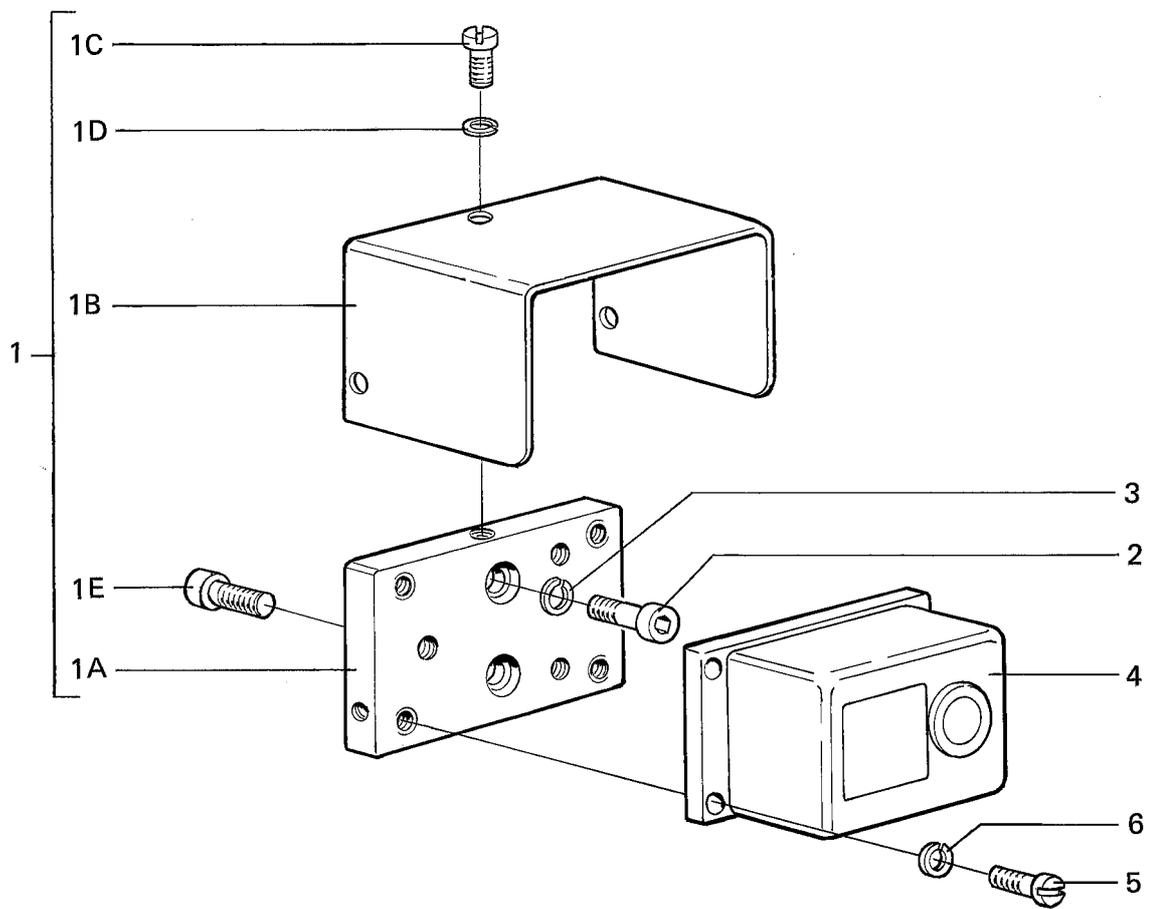
7 Set of tools

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			55535-							
			-80	Quantity						
1	519293 02	Driving-off tool	1							Ball bearing
2	557417 80	Lifting tool	1							Bowl body
3	557387 80	Lifting tool	1							Bowl hood
4	557411 81	Lifting tool	1							Sliding bowl bottom
5	557427 80	Spanner for lock ring	1							Lock ring small
5 A	555604 05	Hexagon screw	2							
6	521977 80	Spanner	1							Lock ring large
7	523103 03	Pin spanner	1							Inlet pipe
8	72719	Pin spanner	1							Lock nut horizontal device
9	528927 01	Tin hammer 3 kg	1							
11	539030 80	Torque wrench	1							
12	260164 01	Hexagon socket 5 mm (1/2")	1							
13	72244	Extension rod 240-255 mm	1							
14	73376	Socket 9/16" (1/2")	1							
15	75420	Socket 13 mm (1/2")	1							
16	73377	Socket 3/4" (1/2")	1							
17	73085	Socket 24 mm (1/2")	1							
18	72243	T-handle	1							
19	1760699 01	Scraper	1							Sludge in bowl
20	557423 80	Lifting tool	1							Distributor
21	557402 80	Spindle	1							Lifting tool bowl hood
22	414726 83	Lifting eye	1							Bowl spindle

1 	2 	3 
4 	5 	6 
7 	8 	9 
	11 	12 
13 	14, 15, 16, 17 	18 
19 	20 	21 
22 		

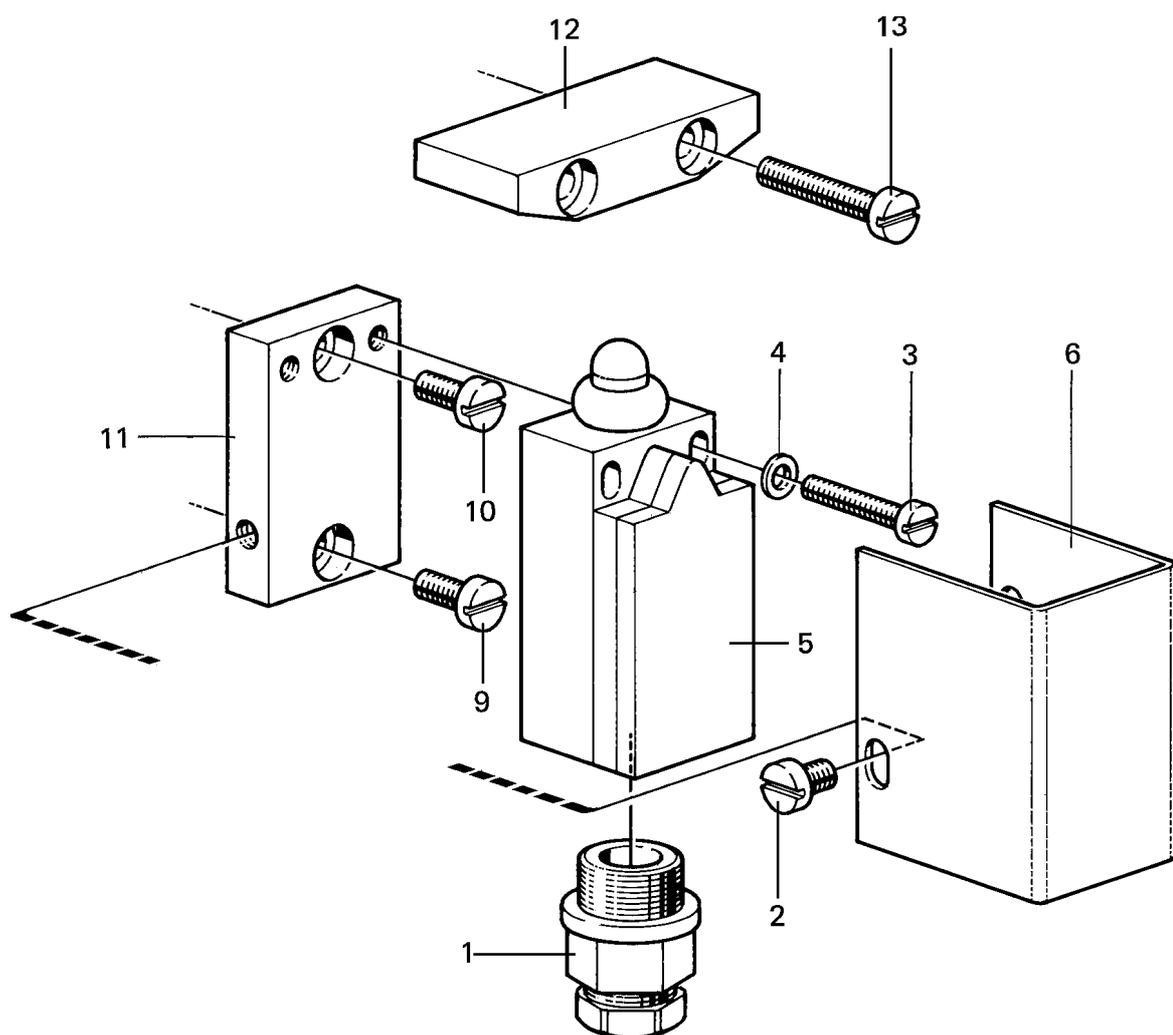
8 Vibration monitoring unit

Ref	Part No	Description	Machine unit number or Subassembly description							Notes	
			536498-								
			-80	Quantity							
1	536469 80	Support	1								
1 A	536470 01	Plate	1								
1 B	536471 01	Cap	1								
1 C	221135 11	Screw	3								
1 D	70915	Spring washer	3								
1 E	221716 01	Screw	3								
2	221726 01	Screw	2								
3	223107 35	Spring washer	2								
4	530307 02	Vibration switch	1								
5	221711 13	Screw	4								
6	223107 34	Spring washer	4								



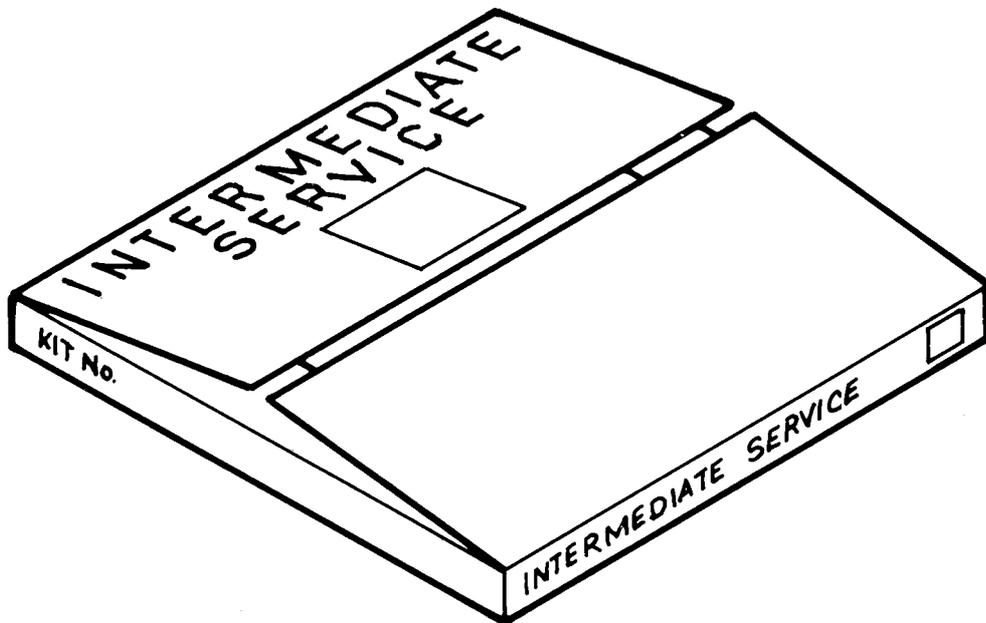
9 Lock switch

Ref	Part No	Description	Machine unit number or Subassembly description							Notes	
			-80	535874-							
			Quantity								
1	541276 01	Seal sleeve	1								
2	67844	Screw	2								
3	221121 55	Screw	2								
4	223101 30	Washer	2								
5	530007 02	Switch	1								
6	535840 01	Protecting cap	1								
9	72018	Screw	1								
10	72018	Screw	1								
11	535839 01	Support	1								
12	535851 02	Lock switch actuator	1								
13	221126 56	Screw	2								



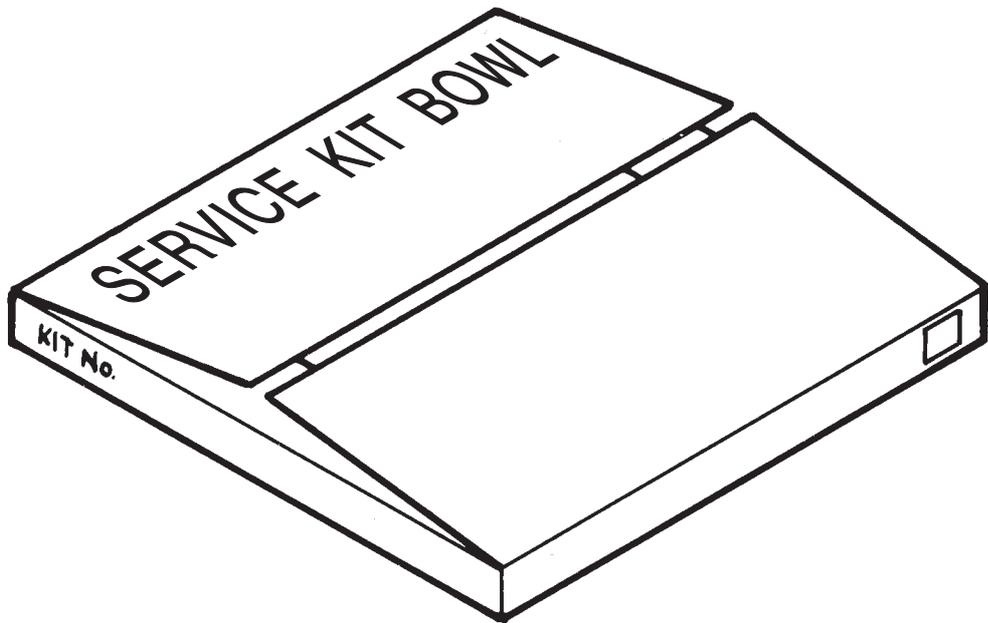
10 Intermediate service kit

Ref	Part No	Description	Machine unit number or Subassembly description				Notes
			-02	Quantity			
1	547034 80	Service kit bowl	1				See page 56
2	547035 80	Service kit top part	1				See page 58



10.1 Service kit bowl

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			-81	547034-						
			Quantity							
3	223412 47	O-ring	2							
4	537120 02	Valve plug	3							
5	521863 01	Rectangular ring	1							
6	223406 33	O-ring	1							
7	223406 14	O-ring	1							
8	521875 01	Seal ring	1							
9	223401 28	O-ring	1							
10	517774 24	Gasket	1							
11	223406 36	O-ring	1							
12	30675	O-ring	1							
13	517774 32	Gasket	1							
14	223406 38	O-ring	1							
15	539474 03	Silicone grease	1							
16	545869 01	Nozzle Ø 1,2 mm	2							



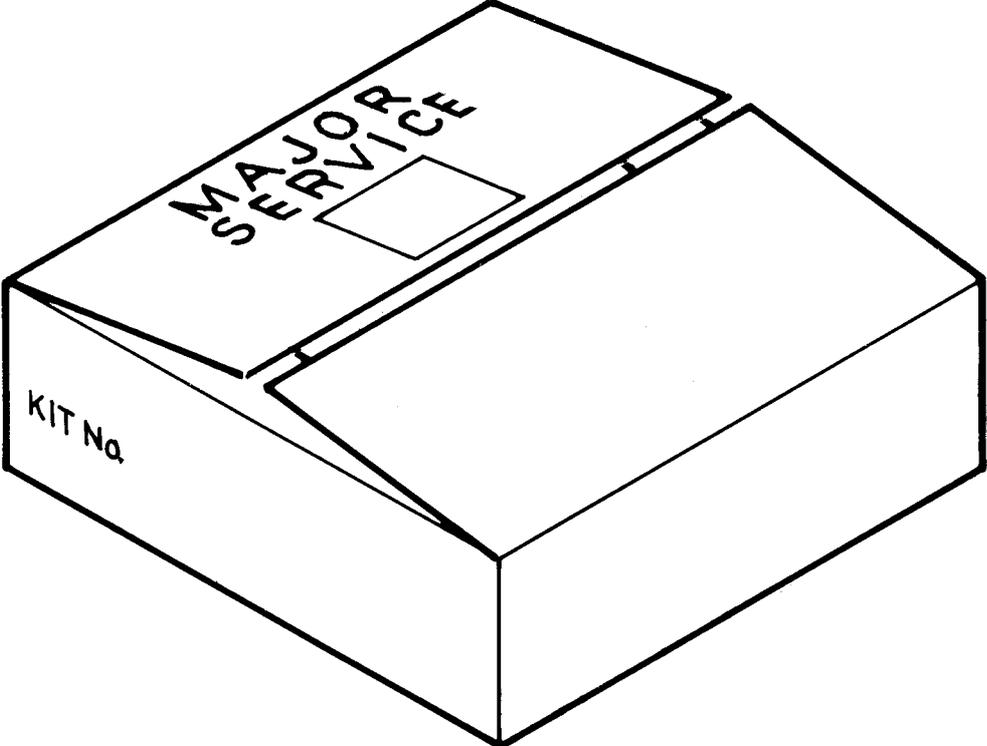
10.2 Service kit top part

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			547035-							
			-80	Quantity						
3	537144 01	Gasket	1							
4	537143 01	Gasket	1							
5	223406 24	O-ring	1							
6	223408 08	O-ring	1							
7	517774 06	Gasket	1							
8	42151	O-ring	1							
9	190609	Rectangular ring	2							
10	67035	O-ring	1							
11	223406 27	O-ring	2							
12	68085	O-ring	6							For feed and discharge pipes
13	517672 02	Seal ring	2							For sight glass (discharge pipe)
14	546229 16	Rectangular ring	7							For set of fittings
15	223406 05	O-ring	1							



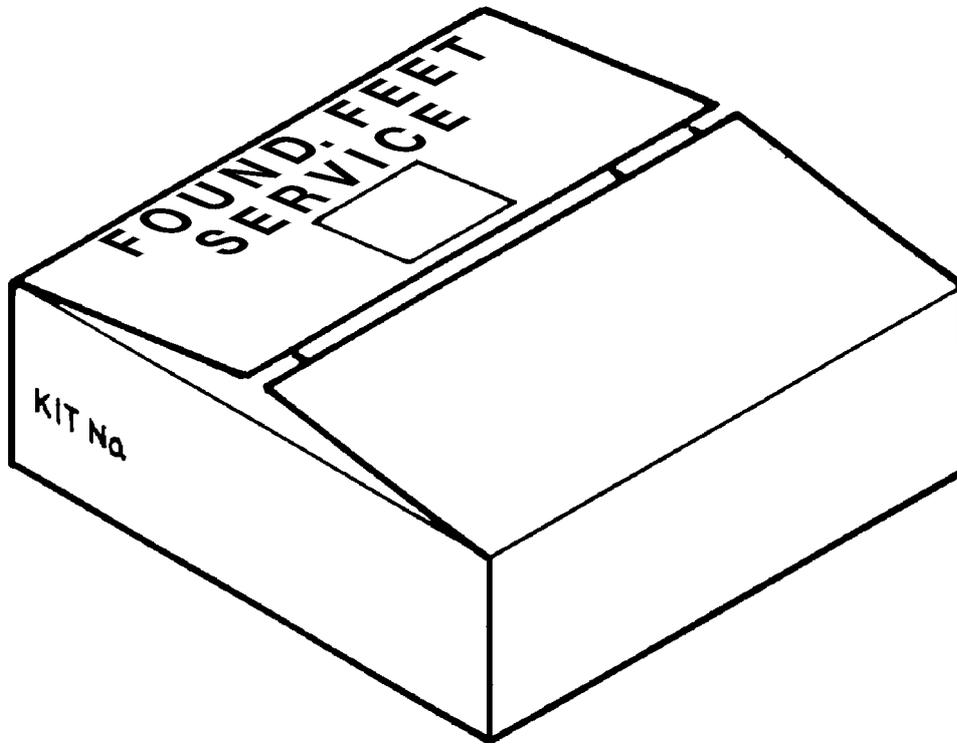
11 Major service kit

Ref	Part No	Description	Machine unit number or Subassembly description							Notes
			548978-							
			-02	Quantity						
1	518470 01	Gasket	1							
2	1104	Rectangular ring	1							
3	223412 04	O-ring	1							
4	223412 02	O-ring	1							
5	64706	O-ring	1							
6	518488 01	Gasket	1							
7	548746 02	Ball bearing	1							
8	9684	Ball bearing	1							
9	64702	O-ring	1							
10	70940	O-ring	1							
11	11455	Ball bearing	3							
12	8132	Ball bearing	1							
13	38159	Lock washer	3							
14	518478 83	Friction pad	2							
14 A	8341	Screw	3							
15	519619 83	Friction pad	2							
15 A	8341	Screw	2							
16	223521 15	Seal ring	1							
17	39518	Gasket	1							
18	518478 82	Friction pad	1							
18 A	8341	Screw	3							
19	74067	O-ring	2							
20	223404 22	O-ring	2							
21	223402 12	O-ring	1							



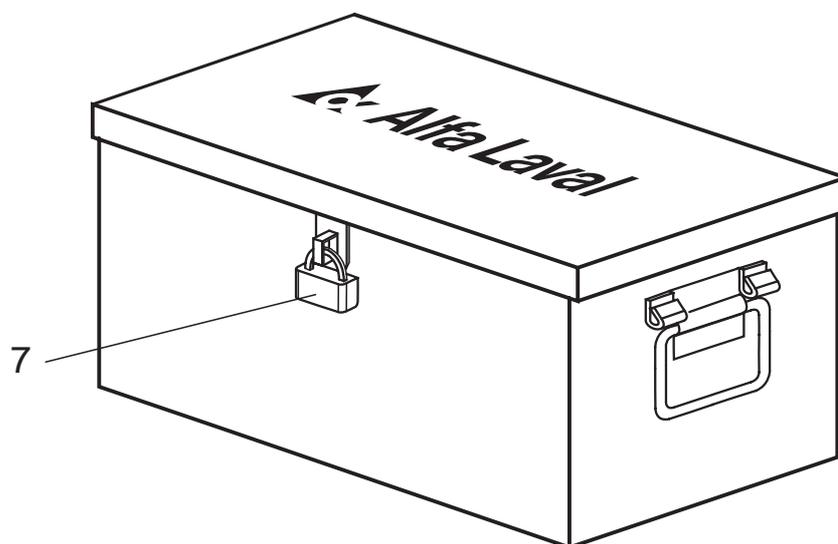
12 Service kit for foundation feet

Ref	Part No	Description	Machine unit number or Subassembly description						Notes
			-01	548542-					
			Quantity						
1	65232	Rectangular ring	4						
2	65235	Rectangular ring	4						
3	71123	Cap	4						
4	71124	Cap	4						
5	71125	Cap	4						
6	71126	Cap	4						



13 Tool box

Ref	Part No	Description	Machine unit number or Subassembly description 558533- -81	Notes
			Quantity	
7	558533 10	Padlock	1	



14 Cross reference list

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8115	30	5
8132	60	12
8132	26	34
8341	30	2 AA
8341	60	14 A
8341	60	15 A
8341	60	18 A
8341	26	50 AA
8859	22	12
9175	22	13
9684	60	8
9684	24	13
9699	24	11 C
11455	60	11
11455	26	35
11455	26	39
11455	26	41
16434	24	11 D
20758	22	19
20758	22	23
20758	34	29
22405	34	10
27509	40	2
27520	40	21
30675	56	12
30675	32	28
35121	40	23
38159	24	9
38159	60	13
38159	26	36
38159	26	42
38723	24	3
39518	60	17
39518	26	49
39919	30	3
40040	26	47
42151	58	8
62094	24	21
64702	60	9
64702	26	44
64706	60	5
64706	24	26
65232	62	1
65232	22	3
65235	62	2
65235	22	6
66554	24	2
67035	58	10

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67472	24	10
67472	26	37
67472	26	43
67477	24	4
67542	28	3
67783	34	28
67844	52	2
68085	40	11
68085	58	12
68794	30	6
69214	28	6
69226	28	5
70279	34	6
70492	44	4
70492	44	6
70915	50	1 D
70940	60	10
70940	26	31
71123	22	2
71123	62	3
71124	22	4
71124	62	4
71125	22	5
71125	62	5
71126	62	6
71126	22	7
71143	34	23
71276	36	8
71456	34	27
72018	52	9
72018	52	10
72243	48	18
72244	48	13
72474	34	5
72719	48	8
72933	22	18
72946	44	3
72946	46	5
73085	48	17
73376	48	14
73377	48	16
73466	42	4
73467	42	5
74067	34	15
74067	60	19
75420	48	15
190609	38	9
190609	58	9
221030 12	40	14 AA

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221036 01	34	13
221121 55	52	3
221126 56	52	13
221135 11	50	1 C
221585 05	46	7
221585 05	26	55
221706 10	32	7
221706 20	36	5
221711 13	50	5
221711 14	32	12
221716 01	50	1 E
221726 01	50	2
221803 02	40	14 AB
221854 03	34	20
221854 03	34	30
222116 06	30	8
222137 01	34	4
223101 30	52	4
223101 34	34	19
223101 50	46	4
223101 50	34	35
223107 34	50	6
223107 35	50	3
223144 04	40	10
223401 28	56	9
223402 12	34	21
223402 12	60	21
223404 22	34	17
223404 22	60	20
223406 05	34	12
223406 05	58	15
223406 14	56	7
223406 15	34	34
223406 24	38	4
223406 24	58	5
223406 27	38	6
223406 27	58	11
223406 27	40	19
223406 33	56	6
223406 33	32	14
223406 36	56	11
223406 36	32	24
223406 38	56	14
223406 38	32	29
223408 08	38	2
223408 08	58	6
223412 02	60	4
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223412 04	60	3

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223521 15	60	16
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223642 22	40	20
225415 17	34	3
226214 13	24	17
260083 26	32	5
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414726 83	48	22
517672 02	58	13
517672 02	40	18 B
517674 01	40	18 A
517774 06	58	7
517774 24	56	10
517774 32	56	13
518348 01	24	16
518349 01	24	18
518415 01	22	24
518431 02	24	1
518435 02	24	12
518436 02	24	14
518437 02	24	15
518441 03	24	6
518441 07	24	6
518443 80	26	38
518444 80	26	45
518446 02	26	54
518447 80	26	52
518449 02	44	1
518457 01	24	23
518459 01	24	7
518460 80	24	11
518461 01	24	11 A
518462 01	24	11 B
518463 01	24	5
518470 01	60	1
518470 01	22	10
518475 81	22	17
518476 81	30	2
518478 82	30	2 A
518478 82	60	18
518478 83	60	14
518478 83	26	50 A
518483 01	26	40
518484 01	26	51
518488 01	60	6
518488 01	22	20

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519563 01	30	7
519607 01	34	24
519619 83	60	15
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520244 02	26	53
520529 02	22	9
521863 01	56	5
521863 01	32	13
521875 01	56	8
521875 01	32	26
521876 01	32	27
521887 02	34	22
521901 07	34	25
521902 02	34	26
521977 80	48	6
522749 02	30	4
523103 03	48	7
523352 08	46	6
524016 83	34	42
524083 84	38	8
526353 06	38	13
526686 02	22	15
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526693 01	28	4
526694 02	28	1
526712 81	22	16
526713 01	22	1
526723 81	26	33
526723 83	26	33
526752 81	26	29
526754 02	22	21
526761 01	30	1
526764 01	26	30
527981 83	26	50
528920 07	40	4
528927 01	48	9
530007 02	52	5
530307 02	50	4
531700 81	26	50
535839 01	52	11
535840 01	52	6
535851 02	52	12
536469 80	50	1
536470 01	50	1 A
536471 01	50	1 B
536704 02	34	7
536769 02	40	14 A
536769 81	40	14 AC
536774 02	38	12

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537118 02	32	3
537120 02	32	2
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537121 02	32	6
537123 03	32	11
537130 02	38	10
537131 02	40	14 B
537131 04	40	9
537137 81	34	9
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537143 01	58	4
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537144 01	36	7
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537161 01	24	25
537162 02	40	1
537163 01	40	13
537171 01	34	1
537211 87	22	8
537211 88	22	8
537254 01	40	12
539030 80	48	11
539474 03	56	15
541276 01	52	1
541407 02	46	1
543054 06	40	15
544183 80	32	16
544186 03	32	23
544188 02	32	25
544190 02	32	31
544191 02	32	15
544192 04	38	7
544193 04	38	5
544212 02	40	18 D
544216 01	40	18 E
544228 85	34	33
544316 02	40	18 C
544576 80	40	18
544960 80	40	17
544961 81	40	14
545869 01	32	9
545869 01	32	10
545869 01	56	16
546163 02	32	30
546173 80	38	1

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546217 80	38	3
546223 82	34	31
546229 01	34	8
546229 16	58	14
546230 01	40	3
546949 02	36	1
547034 80	54	1
547035 80	54	2
548333 01	40	22
548746 02	60	7
548746 02	24	8
553986 80	34	16
555604 05	48	5 A
557387 80	48	3
557402 80	48	21
557411 81	48	4
557417 80	48	2
557423 80	48	20
557427 80	48	5
558533 10	64	7
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559600 80	32	21
559605 80	32	17
559681 80	32	19
785366 81	34	32
1760699 01	48	19
2210941 08	34	11
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2210941 17	26	46
2210947 04	24	20
2210947 15	34	36
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2211721 07	24	24
2211721 08	22	14
2211725 06	26	48
2212601 06	24	28
2216241 20	34	14
2216261 01	44	2
2216261 02	46	3
2217767 14	34	2

