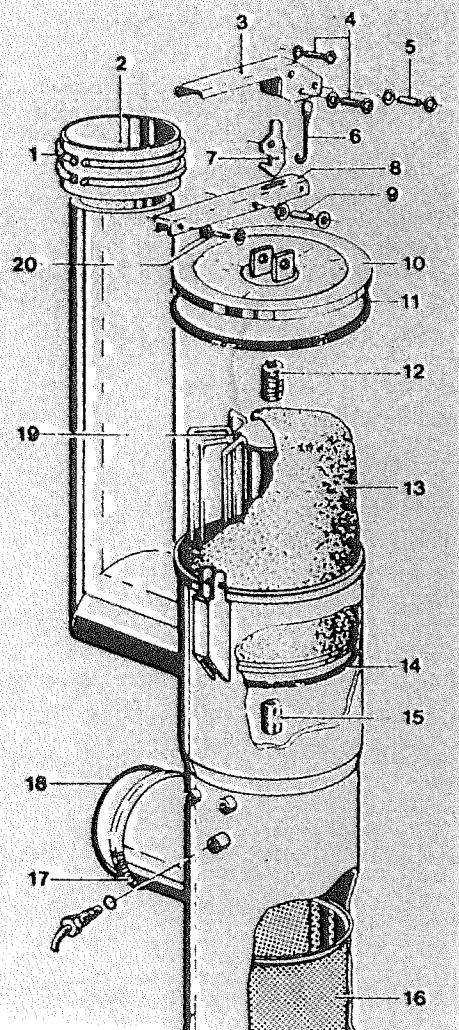


BÖWE
PASSAT

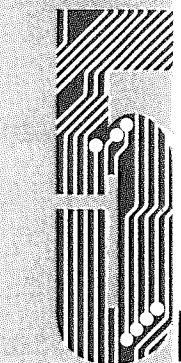
Ersatzteil-
Katalog

Spare Parts
Catalogue

P540
P546



DIE FÜNFT
GENERATION



THE FIFTH
GENERATION

Der Inhalt entspricht unserem besten Wissen und basiert auf dem Stand der Technik. Rechtsverbindlichkeiten können nicht hergeleitet werden. Technische Änderungen vorbehalten. Nachdruck oder Vervielfältigung nur mit unserer ausdrücklichen Genehmigung.

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ERSATZTEILKATALOG

SPARE PARTS CATALOGUE

CATALOGUE DE PIECES DE RECHANGE

CATALOGO DE REPUESTOS

P 540

P 546

BÖWE PASSAT
Reinigungs- und Wäschereitechnik GmbH
Postfach 1013 80, D-86003 Augsburg
Telefon (08 21) 570 20, Fax (08 21) 570 23 51, Tx 536480 boe d

WICHTIGE HINWEISE ZUR ERSATZTEIL-BESTELLUNG

Bei allen Ersatzteil-Bestellungen sind Maschinenbezeichnung, Fabrik-Nummer, Baujahr und Betriebsspannung anzugeben.

Die Bestellung der einzelnen Ersatzteile erfordert folgende Angaben: Stückzahl - Sachnummer - Bezeichnung.

Bei elektrischen Komponenten sind zusätzlich Spannung und Frequenz anzugeben.

Bestellbeispiel:

P 540, 104/8903, 400 V, 50 Hz

2 Stck. 079261 Flanschdichtung

Die im Ersatzteilkatalog mit Sachnummern angegebenen Ersatzteile sind normalerweise kurzfristig lieferbar.

Die mit einem * versehenen Sachnummern bezeichnen komplett Einheiten.

Das BÖWE-Werk arbeitet ständig an der Weiterentwicklung aller Produkte. Bitte haben Sie Verständnis dafür, daß wir uns daher jederzeit Änderungen des Lieferumfangs in Form, Ausstattung und Technik vorbehalten müssen. Aus den Angaben, Abbildungen und Beschreibungen des Ersatzteilkataloges können deshalb keine Ansprüche hergeleitet werden.

AVIS IMPORTANT CONCERNANT LA COMMANDE DE PIECES DETACHEES

Pour toute commande de pièces détachées, veuillez ne pas oublier d'indiquer le type de machine, le numéro et l'année de fabrication, ainsi que la tension de service.

La commande des diverses pièces détachées devra comprendre: nombre de pièces - no. de référence - désignation

Si vous commandez des composants électriques, indiquez en outre le voltage et la fréquence.

Exemple de bon de commande:

P 540, 104/8903, 400 V, 50 Hz

2 unités 079261 garniture d'étanchéité de bride

Dans le catalogue, les pièces détachées suivies du no. de référence sont généralement livrables à court terme.

Les numéros de référence munis d'un astérisque (*) désignent des éléments complets.

L'usine BÖWE travaille continuellement au développement de ses fabrications.

Nous sommes persuadés que vous comprendrez que nous nous réservons, à tout moment, le droit de modifier l'étendue de la livraison dans sa forme, dans son équipement et son exécution technique.

De ce fait, nous ne pouvons prendre aucun engagement concernant les précisions, illustrations et descriptions données dans ce catalogue de pièces détachées.

IMPORTANT POINTS TO NOTE WHEN ORDERING SPARE PARTS

In every spare parts order it is essential to state machine model, serial number, year of construction and operating voltage.

For the individual parts ordered the following data is needed:
Quantity - part number (SN) - designation.

In the case of electrical components voltage and frequency must also be stated.

Example:

P 540, 104/8903, 400 V, 50 Hz

2 079261 flanged gasket

The parts with a number (SN) in the catalogue are normally available at short notice.

The part numbers marked * refer to complete units.

At the BÖWE works we are constantly at work on the further development of all products. We are sure you will appreciate our need to reserve the right to change form, equipment and technology at any time. No liability can be derived from data, illustrations and descriptions in the spare parts catalogue.

AVISOS IMPORTANTES PARA PEDIDOS DE REPUESTOS

Al pedir repuestos hay que indicar la designación de la máquina, el número de fabricación, el año de fabricación, y la tensión de servicio.

Al pedir los diversos repuestos deberá indicarse el número de piezas, el número de referencia, y la designación.

Al pedir componentes electrónicos hay que indicar además la tensión y la frecuencia.

Ejemplo:

P 540, 104/8903, 400 V, 50 Hz

2 079261 Empaquetadura de brida

Los repuestos marcados con números de referencia en el Catálogo de Repuestos normalmente pueden suministrarse rápidamente.

Los números de referencia marcados con * se refieren a unidades completas.

La fábrica BÖWE está trabajando constantemente en el desarrollo ulterior de todos sus productos.

Por esta razón, tenemos que reservarnos el derecho de modificar en cualquier momento el volumen de suministro respecto a su forma, equipamiento y tecnología.

Por consecuencia, no podemos asumir ninguna responsabilidad por los datos, las ilustraciones y las descripciones del Catálogo de Repuestos.

ISO IMPORTANTE PER L'ORDINAZIONE DI PEZZI DI CAMBIO

tutte le ordinazioni di pezzi di ricambio è solutamente necessario indicare il modello di cchina, il numero di macchina, l'anno di struzione ed il voltaggio d'esercizio.

mpre per l'ordinazione di pezzi di ricambio corrono numero di pezzi - numero SN - modello di cchina.

sogna precisare ancora la tensione e la frequenza i componenti elettrici da ordinare.

empio di ordinazione:

40, 104/8903, 400 V, 50 Hz

pezzi 079261 guarnizione a flangia

pezzi di ricambio muniti di numero nel catalogo i pezzi di ricambio sono normalmente apronta nsegna.
numeri di pezzi dotati di * designano gli organi mpleti.

cambio.

BÖWE provvedere continuamente all'ulteriore iluppo di tutti i prodotti. Abbia, quindi, della mprezzione se dobbiamo perciò riservarci il ritto di modifica della fornitura, per quanto guarda la forma, la dotazione di accessori e la cnologia.

i dati, dalle illustrazioni e dalle descrizioni cui al catalogo dei pezzi di ricambio non ssiono quindi derivare diritti di sorta.

АЖНЫЕ УКАЗАНИЯ ДЛЯ ЗАКАЗА ЗАПЧАСТЕЙ

и заказе запчастей указание названия машины, омёра машины, гола изготвления и напряжения ка всегда необходимо.

и заказе отдельных запчастей необходимо казание следующих: количество, номер части, именование.

и электрических компонентах обязательно казать тоже напряжение и частоту.

номер заказа:

540, 104/8903, 400 V, 50 Hz

шт. 079261 уплотнение

умерованные запчасти нормально поставляются раткосрочно.

Так обозначенные в каталоге номера показывают комплектные узлы.

вод БЕВЕ постоянно работает над дальнейшим звитием всей прбодукции. Поэтому поймите жалуйста, что мы в любое время можем ставить за собой право изменить объём доставки по форме, виду и технике.

з данных, рисунков и описаний каталога запчастей поэтому нельзя выводить каких-либо збований.

DŮLEŽITÁ UPOZORNĚNÍ TÝKAJÍCÍ SE OBJEDNÁVEK NÁHRADNÍCH DÍLŮ

Při všech objednávkách náhradních dílů uvádějte typov označení, výrobní číslo, rok výroby, provozní napětí.

Při objednávkách jednotlivých náhradních dílů jsou nutné následující údaje: počet - č. výrobku - označení.

Při elektrických komponentech je nutno navíc uvést napětí a frekvenci.

Príklad objednávky:

P 540, 104/8903, 400 V, 50 Hz

2 kusy 079261 těsnění pŕrub

Náhradní díly označené v katalogu číslem jsou dodávány obvykle v krátké lhůtě.

Hvězdičkou označená čísla náhradních dílů označují kompletn celky. *

Podnik BÖWE nepřetržitě pracuje na dalším vývoji všech svých výrobků. Proto Vás prosíme o pochopení při případných změnách ohledně rozsahu, tvaru, vybavení a techniky.

Z údajů, vyobrazení a popisu v katalogu náhradních dílů nelze vyuvozovat žádné nároky.

WAŻNE WSKAZÓWKI DO ZAMAWIANIA CZĘŚCI ZAMIENNYCH

Przy każdym zamówieniu części zamiennych należy podać rodzaj maszyny, numer fabryczny, rok budowy i natężenie zakładowe.

Przy zamawianiu poszczególnych części zamiennych należy podać następujące dane: ilość, numer części oznaczenie.

Przy składnikach elektrycznych należy dodatkowo podać natężenie i częstotliwość.

Przykład zamówienia:

P 540, 104/8903, 400 V, 50 Hz

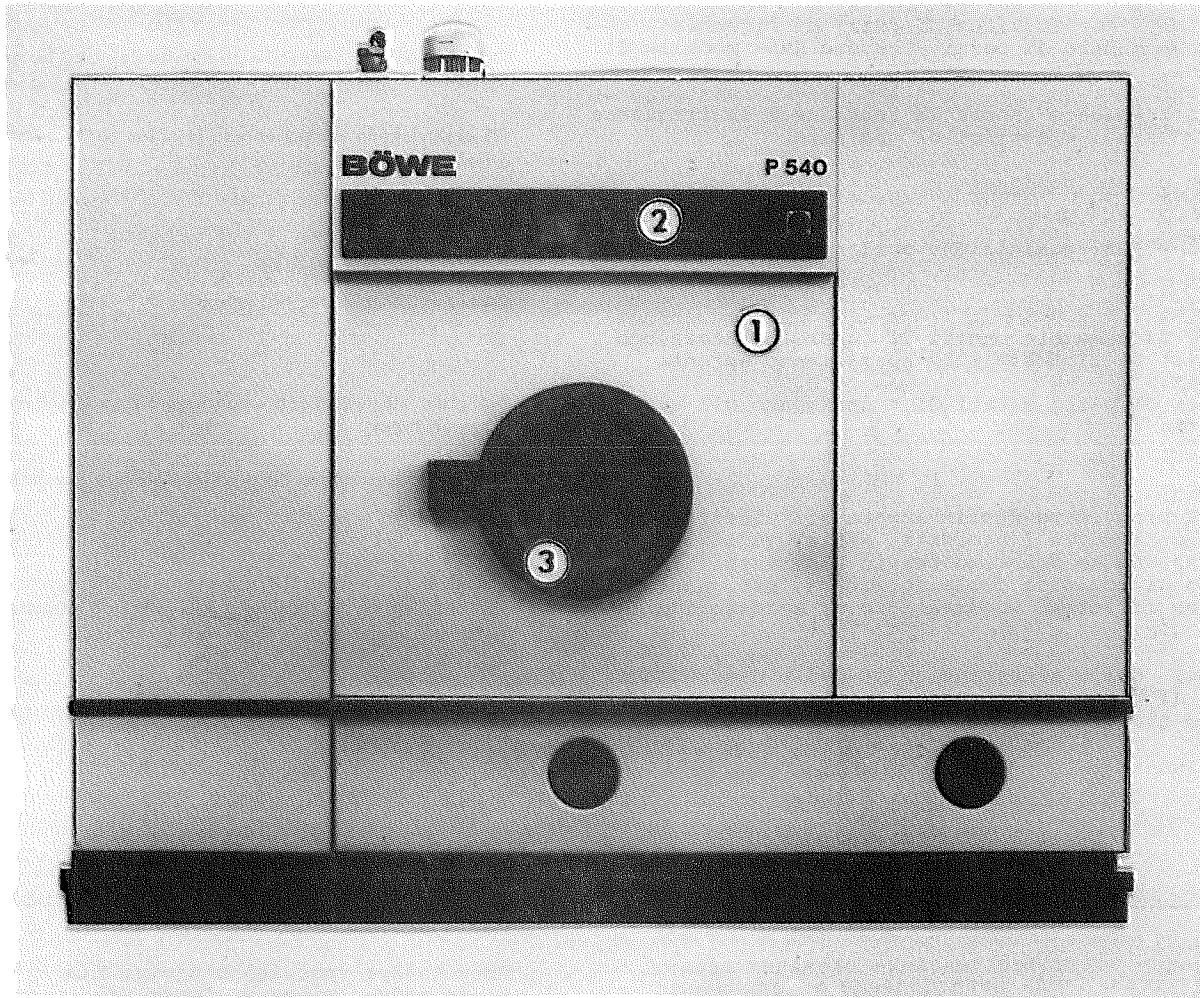
2 sztuki 079261 uszczelnienie kołnierzowe

Części zamienne oznaczone w katalogu części zamiennych numerem części mogą być dostarczone natychmiast.

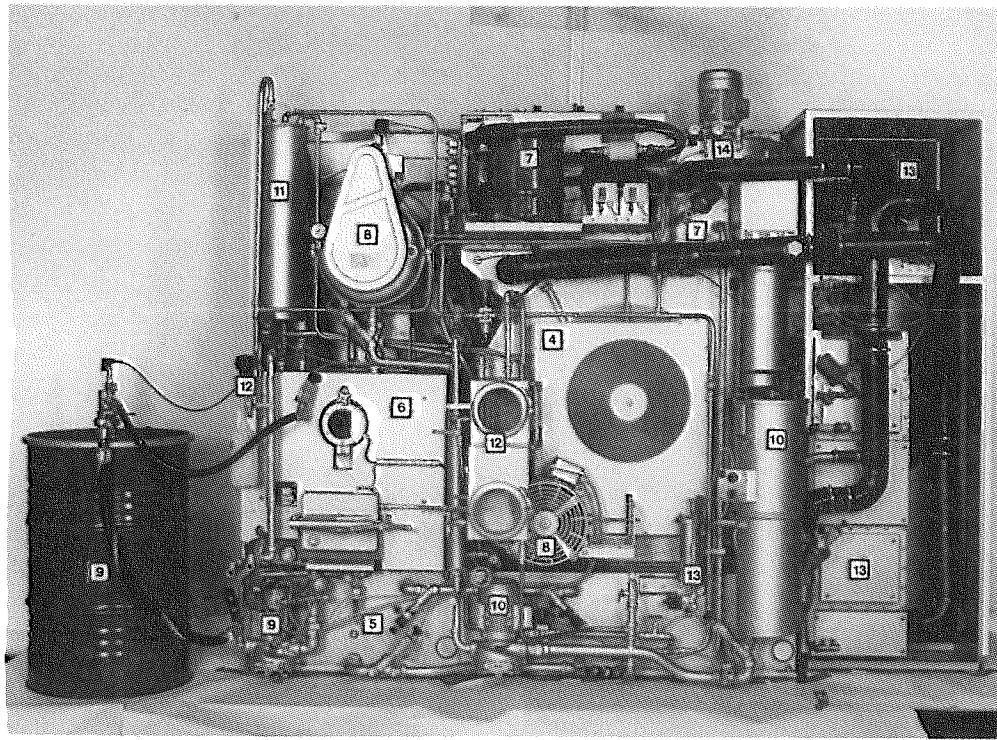
Numerы части означенные знаком * означают полные комплекты.

Firma BÖWE pracuje ciągle nad ulepszeniem wszystkich produktów. W związku z tym prosimy o zrozumienie, że w każdej chwili możemy zmienić formę, wyposażenie lub stan techniczny zamówienia.

Z zamieszczonych w katalogu części zamiennych danych, opisów i rysunków nie mogą być wysuwane żadne roszczenia.

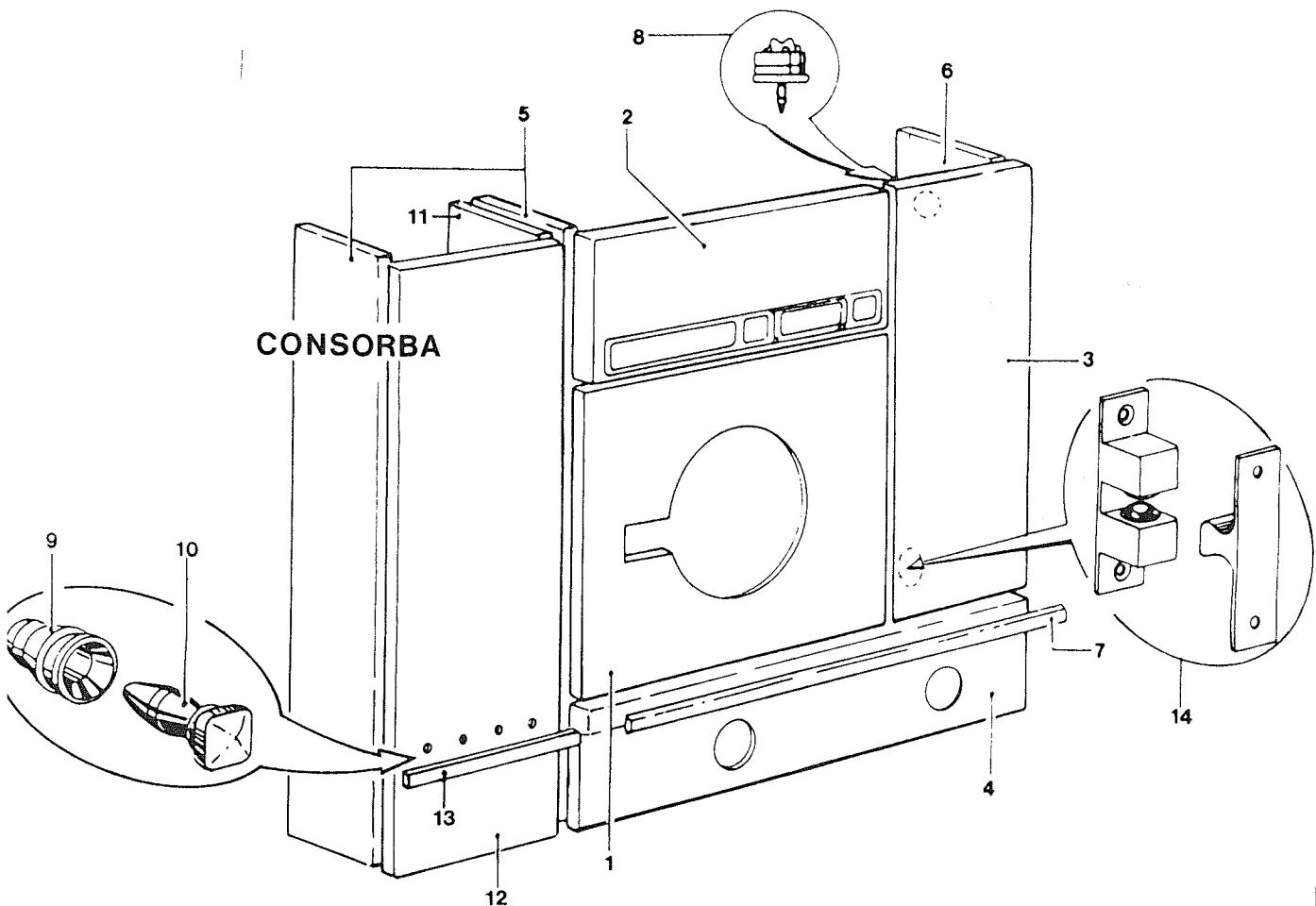


| | | | |
|---|--|--|---|
| 1. VERKLEIDUNG | PANELLING | HABILLAGE | REVESTIMIENTO |
| 2. ELT. STEUERUNG | ELEC. CONTROL | ARMOIRE ELECTRIQUE | MANDO ELECTRICO |
| 3. LADETÜR ELT. STEUERUNG P 546 | LOADING DOOR ELEC. CONTROL | HUBLOT ARMOIRE ELECTRIQUE | PUERTA DE CARGA MANDO ELECTRICO |
| 4. TROMMEL MIT GEHÄUSE + TROMMELLAGER | CAGE WITH HOUSING + CAGE BEARING | TAMBOUR AVEC CARTER + PALIER DE TAMBOUR | TAMBOR CON SU CARTER COJINETE TAMBOR |
| 5. TANK | TANK | RESERVOIR | DEPOSITO |
| 6. DESTILLIERBEHÄLTER | STILL | ALAMBIC | DESTILADOR |
| 7. LUFTFÜHRUNGSSCHACHT + KÄLTEAGGREGAT + LADETÜRBELÜFTUNG | RECOVERY SECTION + REFRIGERATION UNIT + LOADING DOOR VENTING | TUNNEL DE RECUPERATION + GROUPE FRIGORIFIQUE + EXTRACTEUR-VENTILTEUR | TUNEL AIRE + GRUPO DE REFRIGERACION + VENTILACION DE LA PUERTA DE CARGA |
| 8. ANTRIEB + ROTATIONS- ANSCHWEMMFILTER + RWP-ÖKO-FILTER | DRIVE + RA PRECOAT FILTER + RWP-ECO-FILTER | MOTEURS + FILTRE ROTATIF A PRECOUCHES + FILTRE-RWP-ÖKO | IMPULSION + FILTRO ROTATIVO DE ALUVION + FILTRO-RWP-ÖKO |
| 9. ENTSORGUNG - EMISSIONSFREI | EMISSIONSFREE REMOVAL OF STILL RESIDUES | EVACUATION DES DECHETS SANS EMISSION | EVACUATIONE DEI RESIDUI SANZA-EMISSION |



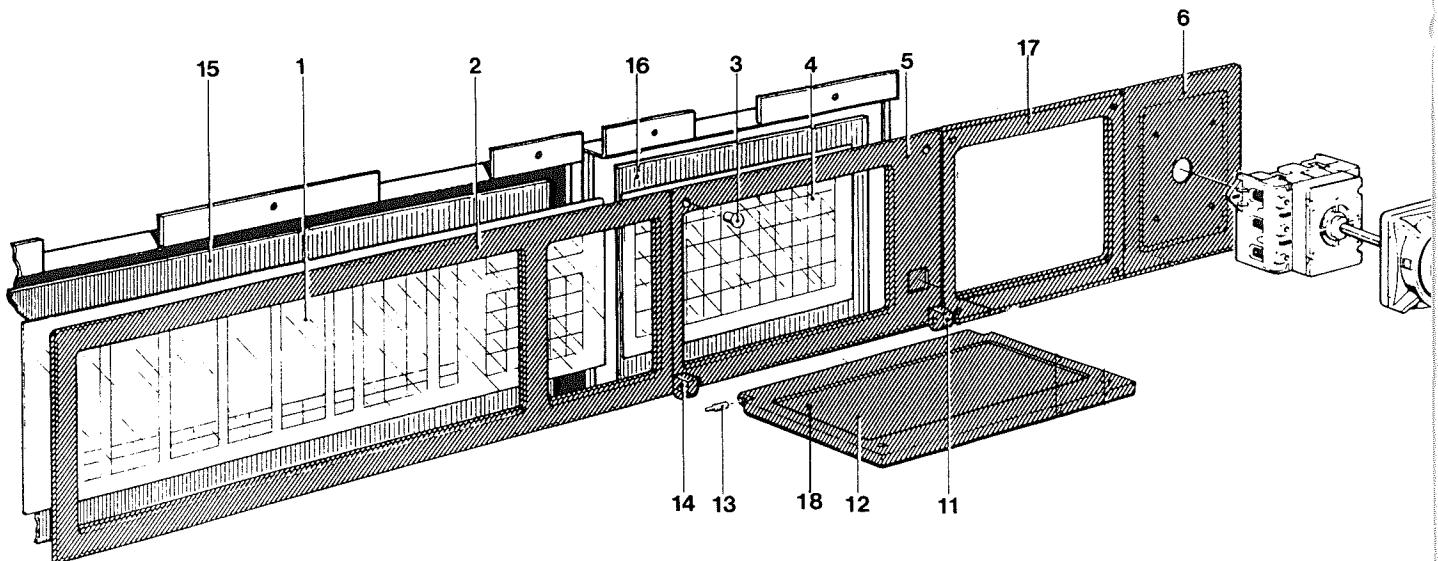
| | | | |
|--|--|---|---|
| 0. NADELFÄNGER + PUMPE | BUTTON TRAP + PUMP | FILTRE A EPINGLES + POMPE | CAZA-BOTONES + BOMBA |
| 1. KONDENSATOR + WÄRMERÜCKFÜHRUNG | CONDENSER HEAT RECYCLING | CONDENSEUR + RECYCLAGE DE LA CHALEUR | CONDENSADOR + RECICLAJE DE CALOR |
| 2. WASSERABSCHEIDER MIT DRYSTAT LÖSEMittelAUFFÜLLUNG HAND-DOSIERPUMPE (DESTILLATION) | WATER SEPARATOR WITH DRYSTAT SOLVENT FILLING MANUAL DOSING PUMP (STILL) | SEPARATEUR D'EAU AVEC DRYSTAT REMPLISSAGE SOLVANT POMPE DE DOSAGE MAIN (DISTILLATION) | SEPARADOR AGUA CON DRYSTAT RELLENO DE DISOLVENTE BOMBA DOSIFICADORA A MANO (DESTILADOR) |
| 3. DOSIERGERÄT DG 18 + CONSORBA | DOSING UNIT DG 18 + CONSORBA | DOSEUR DG 18 + CONSORBA | DOSIFICADOR DG 18 + CONSORBA |
| 4. WARTUNGSEINHEIT + KÜHLWASSERREGLER | COMPRESSED AIR MAINTENANCE COOLING WATER REGULATOR | GROUPE D'ENTRETIEN PNEUMATIQUE VANNE THERMOSTATIQUE D'EAU DE REFROIDISSEMENT | UNIDAD DE MANTENIMIENTO DEL SISTEMA NEUMATICO REGULADOR DEL AGUA REFRIGERANTE |
| 5. VENTILE | VALVES | VANNES | VALVULAS |
| 6. SCHAUGLÄSER | SIGHT-GLASSES | VOYANTS | MIRILLAS |
| 7. VERSCHRAUBUNGEN | SCREWED UNIONS | UNIONS VISSEES | UNIONES |
| 8. ZUBEHÖR | ACCESSORIES | ACCESOIRES | ACCESORIOS |



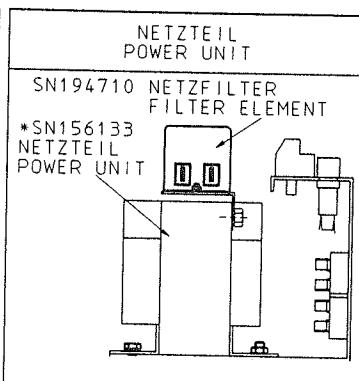
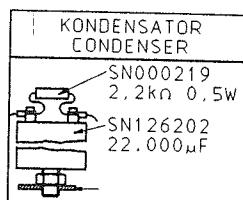
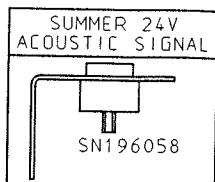


1

| BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|------------------------------|---|--------------|------------------------------|---|
| 159154 | VORDERWAND FRONT WALL | 8 | 197137 | NIVEAUSCHALTER LEVEL SWITCH |
| 156182 | VERKLEIDUNG OBEN UPPER PANELLING | 9 | 014774 | ZIERLEISTENHÜLLE DECORATIVE STRIP FUNNEL |
| 159151 | VERKLEIDUNG VORNE RECHTS FRONT PANELLING RIGHT | 10 | 014773 | ZIERLEISTENSTOPFEN DECORATIVE STRIP PIN |
| 68370 | TANKVERKLEIDUNG TANK PANELLING | 11 | 153307 | SEITENWAND RECHTS SIDE WALL RIGHT |
| 59156 | SEITENWAND LINKS SIDE WALL LEFT | 12 | 166214 | VORDERWAND FRONT WALL |
| 59157 | SEITENWAND RECHTS SIDE WALL RIGHT | 13 | 166844 | PROFILSTOSSLEISTE PROTECTIVE PROFILE STRIP |
| 59139 | PROFILSTOSSLEISTE PROTECTIVE PROFILE STRIP | 14 | 001972 | SCHNAPPVERSCHLUSS SNAP LOCK |

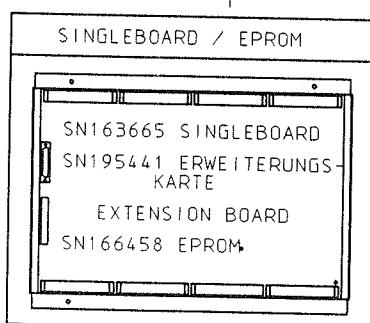
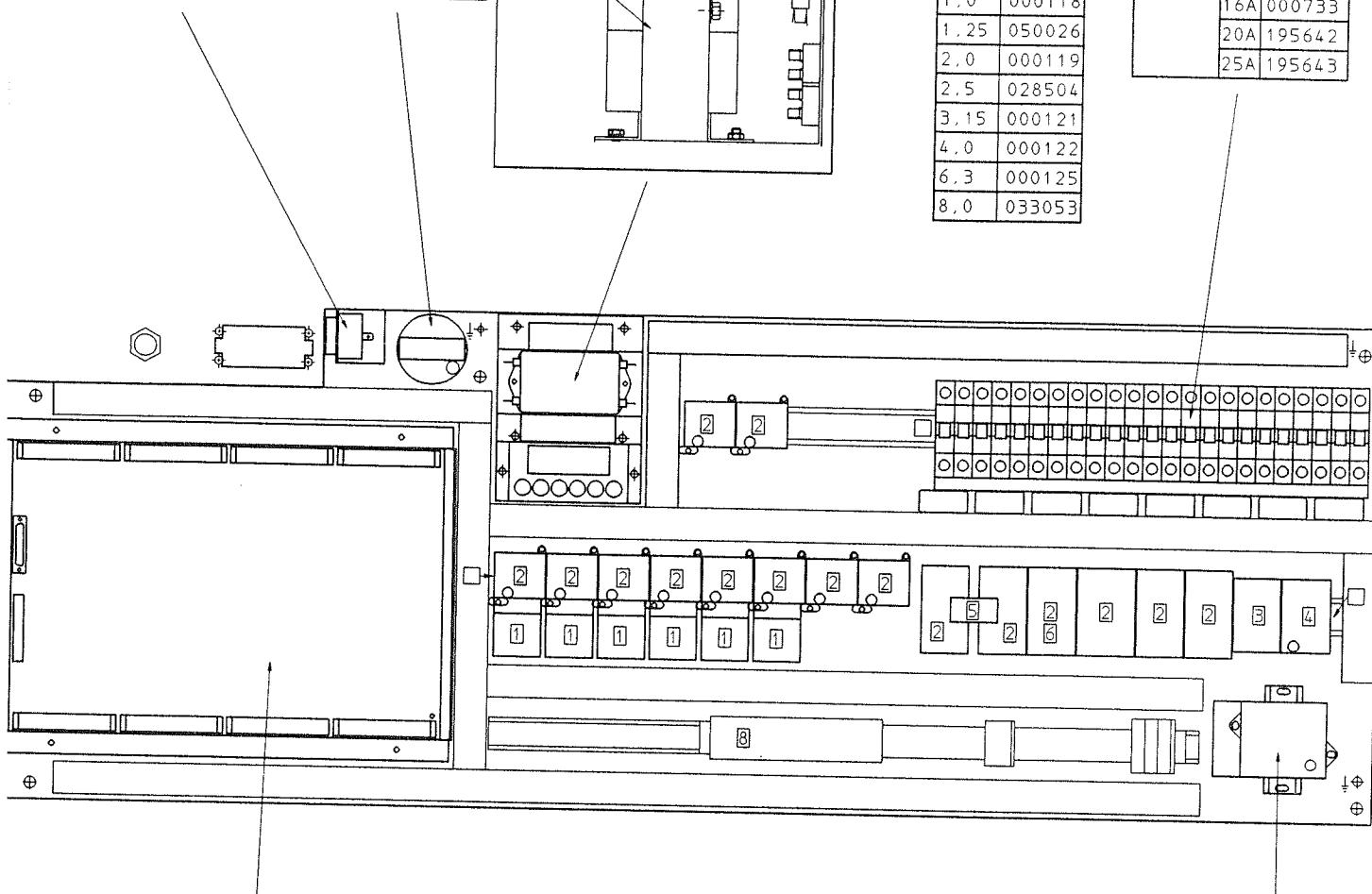


| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|--|--------------|------------------------------|--|
| 1 | 164315 | FOLIE BEDIENUNG OPERATING FOIL | 12 | 134804 | DECKEL LID |
| 2 | 134801 | BLENDE TEIL 1 PANEL PART 1 | 13 | 134809 | WELLE DECKELLAGERUNG LID BEARING SHAFT |
| 3 | 159823 | MAGNETVERSCHLUSS MAGNETIC LOCK | 14 | 134807 | SCHARNIER LINKS LEFT HINGE |
| 4 | 164317 | FOLIE PROGRAMMIERUNG PROGRAMMING FOIL | 15 | 163660 | BAUTEILETRÄGER BEDIENFELD OPERATING PANEL COMP. CARRIER |
| 5 | 134802 | BLENDE TEIL 2 PANEL PART 2 | 16 | 163668 | BAUTEILETRÄGER PROGRAMMTEIL PROGRAM PART COMP. CARRIER |
| 6 | 134803 | BLENDE TEIL 3 PANEL PART 3 | 17 | 134810 | BLENDE TEIL 4 PANEL PART 4 |
| 7 | 026208 | HAUPTSCHALTER 80 AMP. MAIN SWITCH | 18 | 164256 | SCHILD PROGR.-ÜBERSICHT LABEL PROGR. REVIEW |
| 11 | 134808 | SCHARNIER RECHTS RIGHT HINGE | | | |

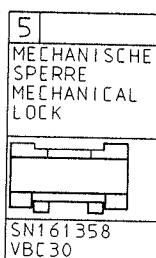


| SICHERUNGEN FUSE SX20TR | |
|----------------------------|--------|
| I | SN |
| 0.5 | 086691 |
| 0.63 | 083610 |
| 0.8 | 002040 |
| 1.0 | 000118 |
| 1.25 | 050026 |
| 2.0 | 000119 |
| 2.5 | 028504 |
| 3.15 | 000121 |
| 4.0 | 000122 |
| 6.3 | 000125 |
| 8.0 | 033053 |

| SI-AUTOMATEN CIRCUIT BREAKER | |
|---------------------------------|--------|
| I | SN |
| 3A | 001121 |
| 6A | 195641 |
| 10A | 000678 |
| 16A | 000733 |
| 20A | 195642 |
| 25A | 195643 |

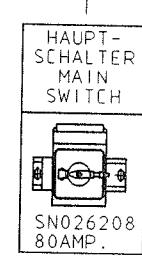


| 2 | SCHUETZE CONTACTOR |
|------------|-----------------------|
| TYPE | SN |
| BC6-30-10 | 159063 |
| BC9-30-10 | 159064 |
| BC16-30-10 | 159065 |
| BC25-30-10 | 163670 |
| KC6-40 | 161270 |
| VBC6-3002Z | 161348 |

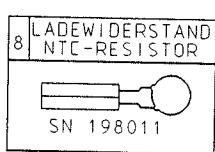


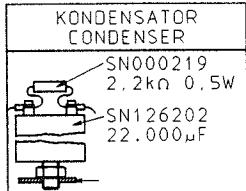
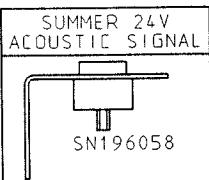
| 6 | RC GLIED SUPPRESSOR |
|----------|------------------------|
| TYPE | SN |
| SN161358 | |
| VBC30 | |

| 3 | SCHALTGERAET CONTROL UNIT |
|----------|------------------------------|
| TYPE | SN |
| SN191779 | |
| | |

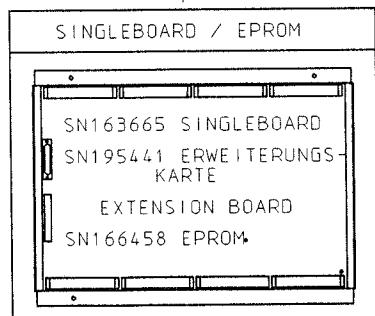
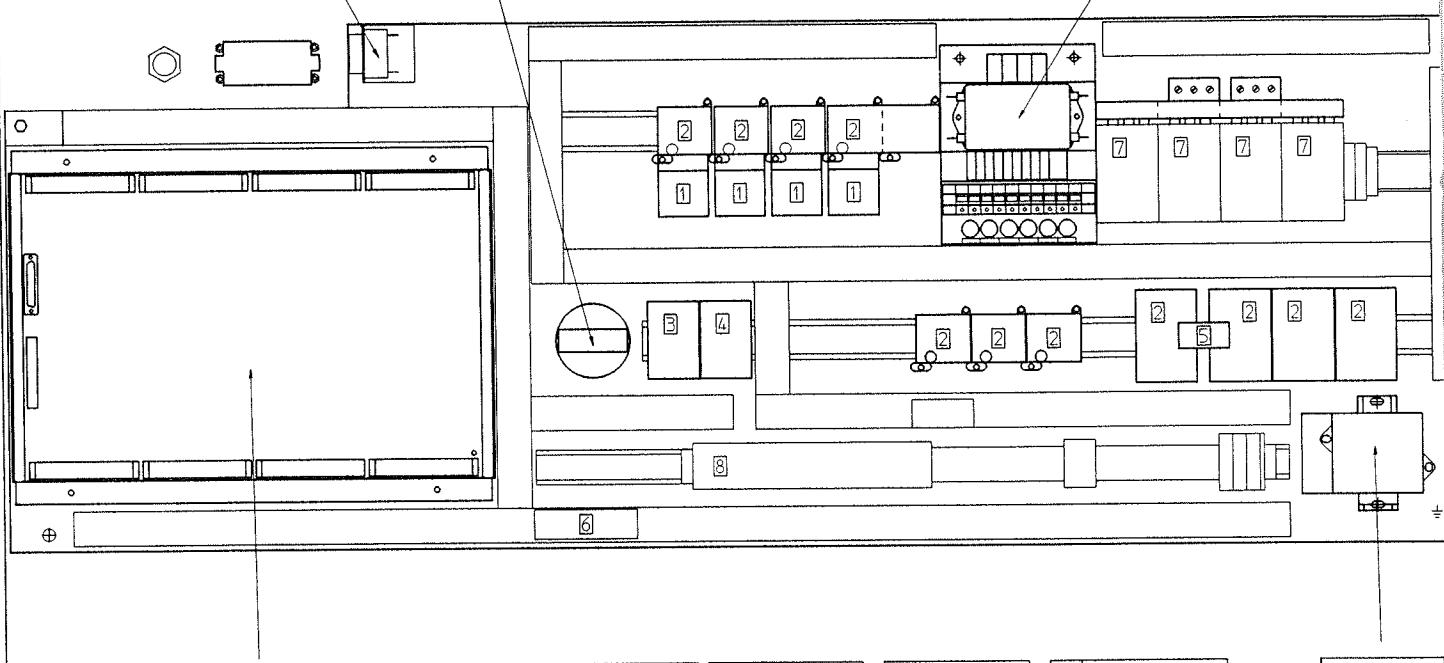
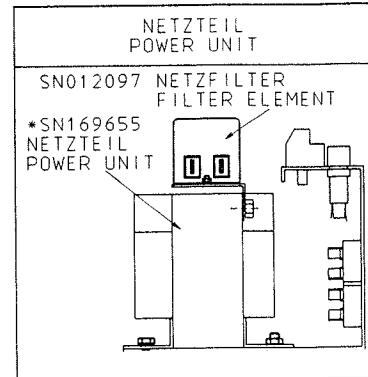


| 1 | THERMOREL. |
|-----------|------------|
| I (A) | SN |
| 0.14-0.21 | 160864 |
| 0.27-0.4 | 159955 |
| 0.35-0.52 | 190555 |
| 0.42-0.63 | 159662 |
| 0.55-0.83 | 159418 |
| 0.7-1.0 | 159940 |
| 0.9-1.3 | 159419 |
| 1.3-1.8 | 159941 |
| 1.7-2.4 | 159413 |
| 2.1-3.0 | 159420 |
| 2.7-4.0 | 159414 |
| 4.0-6.0 | 159415 |
| 5.2-7.5 | 159942 |
| 7.5-11.0 | 159428 |

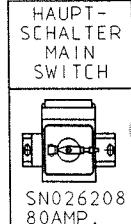
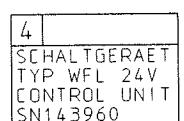
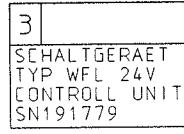
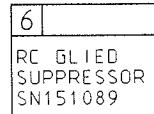
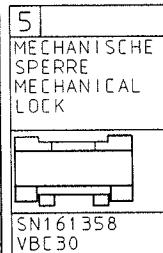




| SICHERUNGEN/UL FUSE 1/4X11/4" | |
|----------------------------------|--------|
| A | SN |
| 1 | 163114 |
| 2 | 163206 |
| 3.2 | 163116 |
| 4 | 169728 |

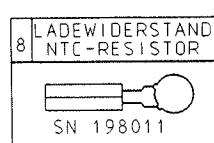


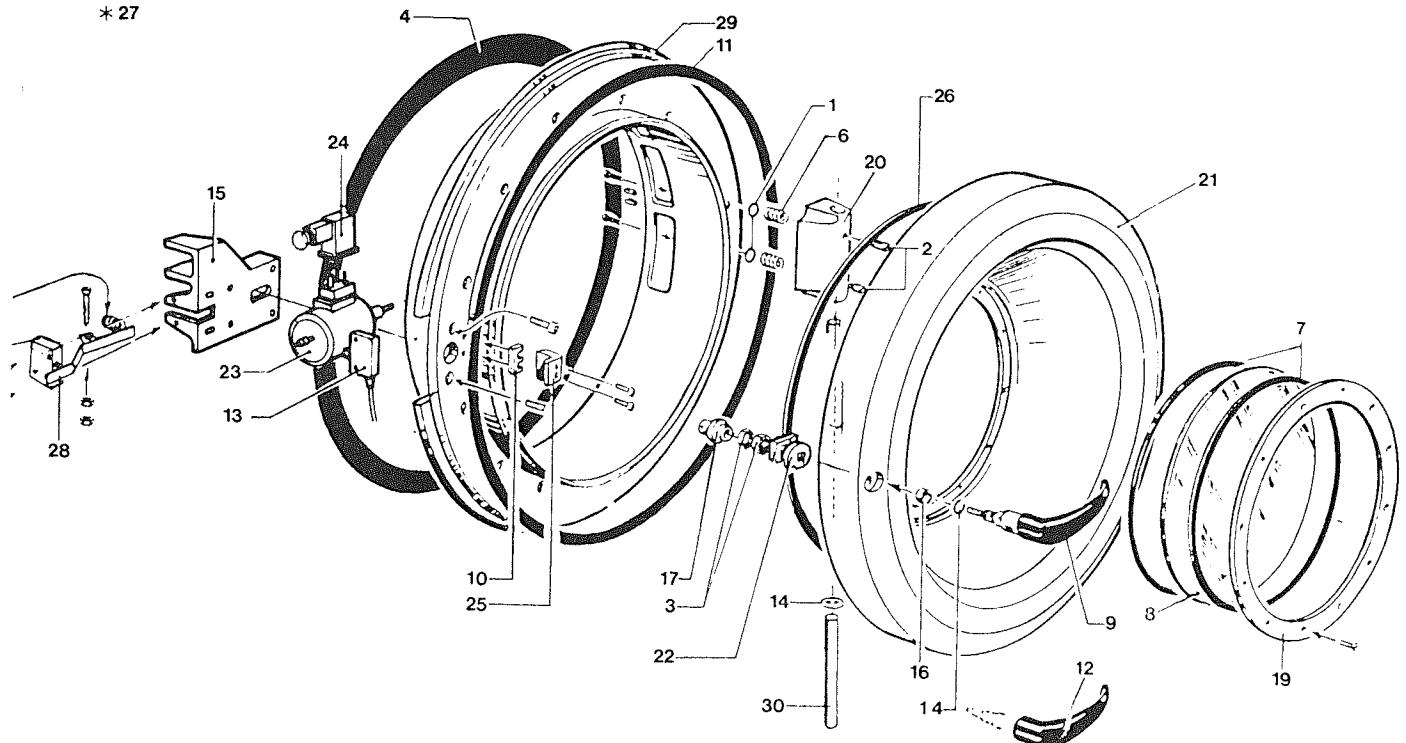
| 2 | SCHUETZE CONTACTOR |
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| TYPE | SN |
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| BC9-30-10 | 159064 |
| BC16-30-10 | 159065 |
| BC25-30-10 | 163670 |
| KE6-40 | 161270 |
| VBC6-3002Z | 161348 |



| 1 | THERMOREL. |
|-----------|------------|
| I (A) | SN |
| 0,14-0,21 | 160864 |
| 0,27-0,4 | 159955 |
| 0,35-0,52 | 190555 |
| 0,42-0,63 | 159662 |
| 0,55-0,83 | 159418 |
| 0,7-1,0 | 159940 |
| 0,9-1,3 | 159419 |
| 1,3-1,8 | 159941 |
| 1,7-2,4 | 159413 |
| 2,1-3,0 | 159420 |
| 2,7-4,0 | 159414 |
| 4,0-6,0 | 159415 |
| 5,2-7,5 | 159942 |
| 7,5-11,0 | 159428 |

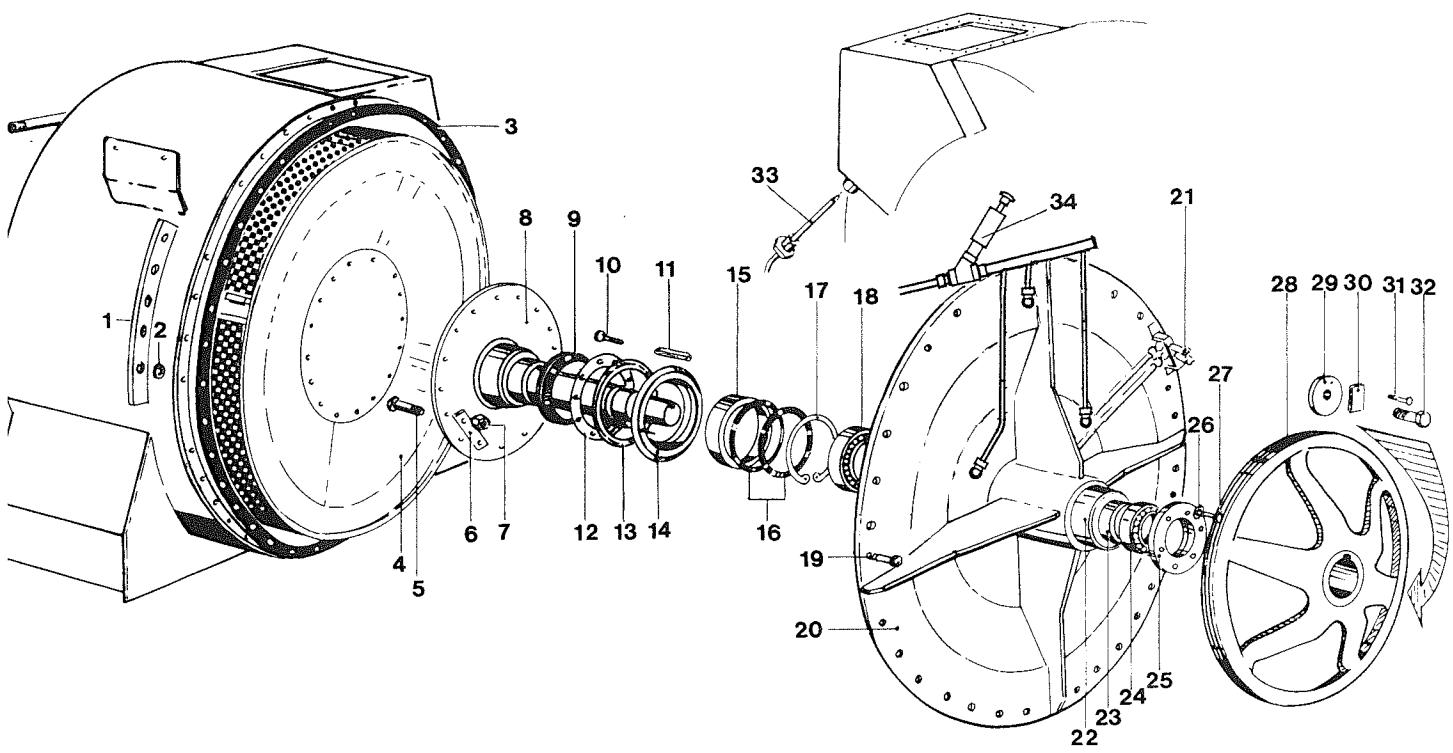
| 7 | MOTORSCHUTZSCHALTER MOTOR CONTROLLER M25TM |
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| I | SN |
| 0,6-1,0 | 190867 |
| 1,0-1,6 | 190868 |
| 1,6-2,4 | 190870 |
| 2,4-4,0 | 190363 |
| 4,0-6,0 | 166943 |
| 6,0-10,0 | 190364 |
| 10,0-16,0 | 169641 |
| 16,0-20,0 | 169642 |
| 20,0-25,0 | 169643 |





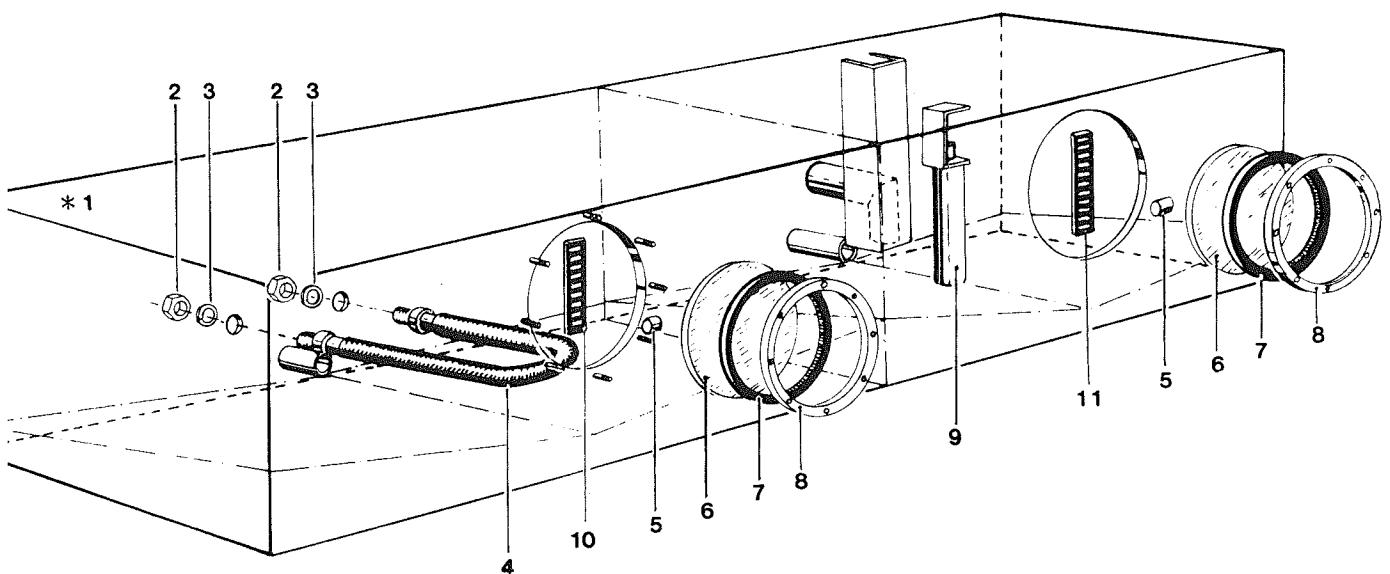
| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|---|--------------|------------------------------|--|
| 1 | 002412 | SCHEIBE 10,5 X 21 - 2 WASHER | 16 | 100682 | BUCHSE BUSH |
| 2 | 197353 | GEWINDESTIFT 10 X 20 THREADED PIN | 17 | 100686 | MUTTER NUT |
| 3 | 003793 | SECHSKANTMUTTER M 10 HEXAGON NUT | 19 | 159391 | FLANSCH FLANGE |
| 4 | 015043 | FLANSCHDICHTUNG FLANGED GASKET | 20 | 160798 | SCHARNIERKLOTZ HINGE BLOCK |
| 5 | 019618 | DRUCKFEDER 1,4 X 10,6 X 21 PRESSURE SPRING | 21 | 160797 | LADETÜR LOADING DOOR |
| 6 | 021983 | DRUCKFEDER 3,6 X 10 X 26 PRESSURE SPRING | 22 | 193799 | LADETÜR-RIEGEL LOADING DOOR LATCH |
| 7 | 028815 | DICHTUNG 3 X 755 GASKET | 23 | 160755 | MAGNETVERRIEGELUNG 24 V MAGNETIC LOCK |
| 8 | 032037 | GLASSCHEIBE 246 X 6 GLASS ONLY | 24 | 160885 | GERÄTESTECKER COUPLER PLUG |
| 9 | 163542 | GRIFF KOMPLETT HANDLE COMPLETE | 25 | 143733 | ANSCHLAG STOP |
| 10 | 092013 | FLACHBAUTEIL FLAT ELEMENT | 26 | 144292 | DICHTUNG GASKET |
| 11 | 092023 | DICHTUNG GASKET | 27 | * 148907 | LADETÜR KOMPLETT LOADING DOOR COMPL. |
| 12 | 161109 | HANDSCHUTZ HAND PROTECTOR | 28 | 149681 | SCHALTHEBEL SWITCH LEVER |
| 13 | 099550 | MIKROSchALTER MICROSWITCH | 29 | 149863 | LADETÜR-FLANSCH LOADING DOOR FLANGE |
| 14 | 100680 | SCHEIBE WASHER | 30 | 156626 | SCHARNIERBOLZEN HINGE BLOCK |
| 15 | 100677 | LAGERBOCK BEARING BLOCK | | | |





| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|---|--------------|------------------------------|---|
| 1 | 165110 | SEGMENT SEGMENT | 18 | 123562 | ZYLINDER ROLLENLAGER 60 X 130 X 31 CYLINDER ROLLER BEARING |
| 2 | 002322 | FEDERRING 10 ø SPRING WASHER | 19 | 003153 | SECHSKANTSCHRAUBE 10 X 30 HEXAGON HEAD SCREW |
| 3 | 191636 | DICHTUNG 967 X 900 X 3 GASKET | 20 | 168674 | LAGERFLANSCH FLANGE |
| 4 | 155967 | TROMMEL CAGE | 21 | 032790 | SCHMIERNIPPEL 1/8" GREASE NIPPLE |
| 5 | 123560 | SECHSKANTSCHRAUBE M 12 X 32 HEXAGON HEAD SCREW | 22 | 123440 | DISTANZBUCHSE SPACER |
| 6 | 050390 | SICHERUNGSBLECH LOCKING PLATE | 23 | 205694 | DISTANZROHR SPACER PIPE |
| 7 | 003823 | SECHSKANTMUTTER M 12 HEXAGON NUT | 24 | 123563 | RILLENKUGELLAGER GROOVED BALL BEARING |
| 8 | 205692 | FLANSCHWELLE FLANGED SHAFT | 25 | 123577 | TROMMELLAGERDECKEL CAGE BEARING COVER |
| 9 | 137075 | V-RING V-RING | 26 | 034244 | FEDERSCHEIBE SPRING WASHER |
| 10 | 003377 | SENKSCHRAUBE 5 X 12 COUNTER SUNK SCREW | 27 | 003141 | SECHSKANTSCHRAUBE 8 X 20 HEXAGON HEAD SCREW |
| 11 | 002520 | PASSFEDER 14 X 9 X 54 FITTING KEY | 28 | 200396 | RIEMENSCHEIBE PULLEY |
| 12 | 133659 | SCHEIBE WASHER | 29 | 115424 | SCHEIBE WASHER |
| 13 | 133444 | ABWEISRING DEFLECTO RING | 30 | 137416 | SICHERUNGSBLECH LOCKING PLATE |
| 14 | 133443 | ABWEISRING DEFLECTO RING | 31 | 003127 | SECHSKANTSCHRAUBE 6 X 2 HEXAGON HEAD SCREW |
| 15 | 139872 | BUCHSE BUSH | 32 | 085788 | SECHSKANTSCHRAUBE 12 X 35 HEXAGON HEAD SCREW |
| 16 | 098845 | WELLENDICHTUNG 105 X 130 X 13 GASKET | 33 | 161162 | TEMPERATURSENSOR 40 - 160 °C THERMAL SENSOR |
| 17 | 091567 | SICHERUNGSRING FÜR BOHRUNG 130 X 4 CIRCLIP | 34 | 109850 | SCHRÄGSITZVENTIL SLANTED SEAT VALVE |

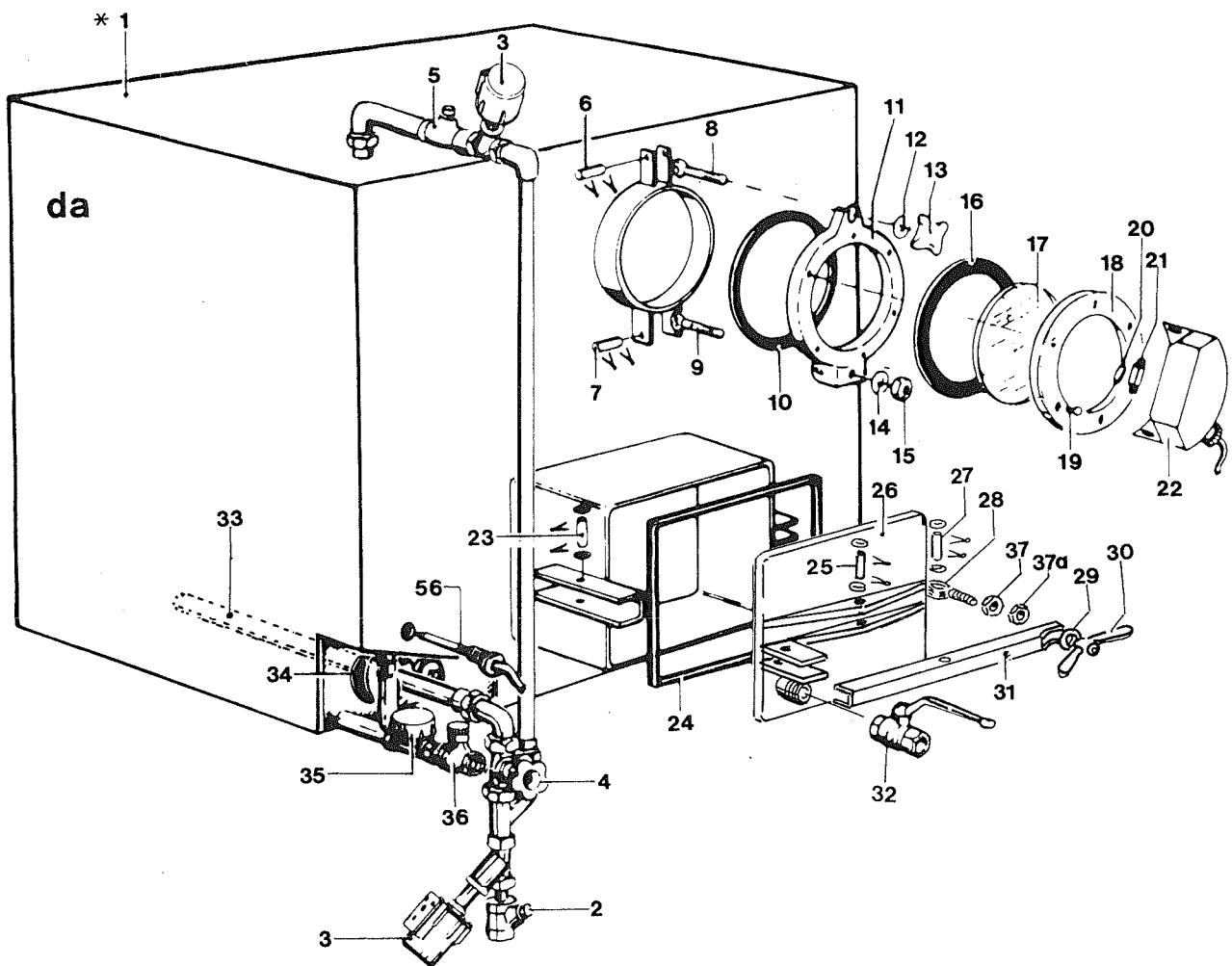




| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|--|
| 1 | * 195829 | TANK KOMPLETT ET TANK COMPLETE ET |
| 2 | 016036 | SECHSKANTMUTTER 1/2" HEXAGON NUT |
| 3 | 014075 | DICHTSCHEIBE 22 X 34 X 3 GASKET |
| 4 | 168719 | KÜHLSCHLANGE COOLING COIL |
| 5 | 166126 | SCHWIMMER FLOAT |
| 6 | 144137 | GLASSCHEIBE GLASS PANE |
| 7 | 144097 | DICHTUNG GASKET |
| 8 | 156683 | FLANSCH FLANGE |
| 9 | 054524 | ANODE ANODE |
| 10 | 190308 | SKALA REINTANK SCALE CLEANTANK |
| | 190668 | SKALA REINTANK P 546 SCALE CLEANTANK |
| 11 | 190308 | SKALA ARBEITSTANK SCALE WORKING TANK |
| | 190669 | SKALA ARBEITSTANK P 546 SCALE WORKINGTANK |

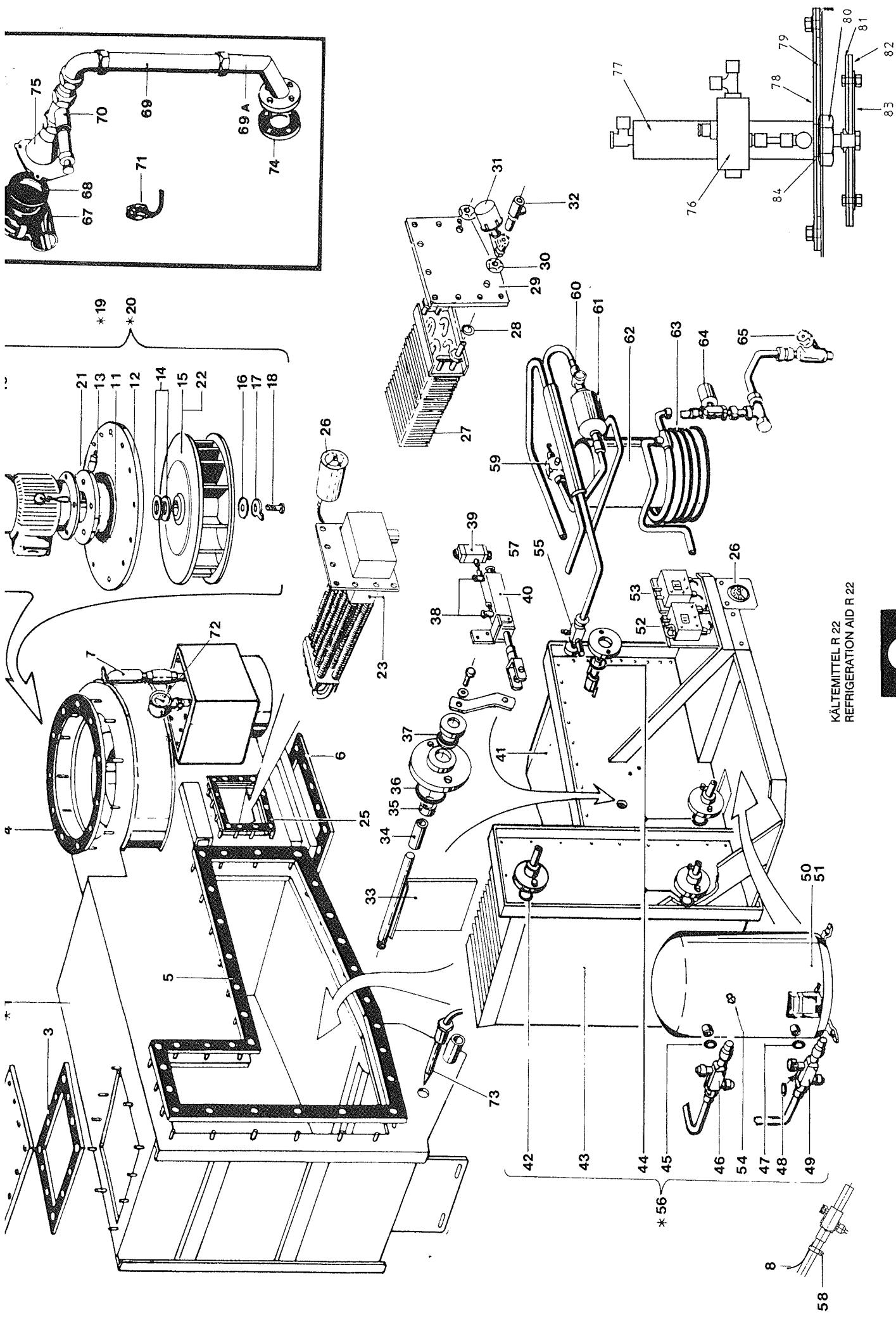
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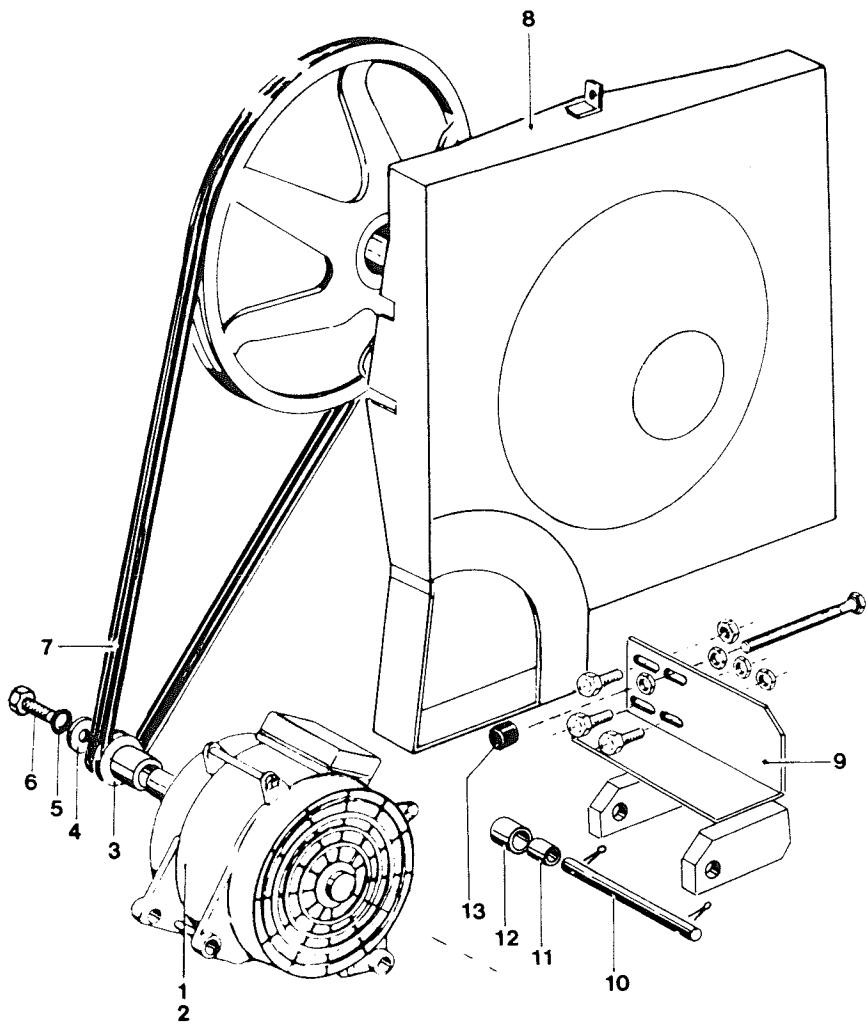
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|--------------|------------------------------|---|--------------|------------------------------|--|--------------|------------------------------|---|
| 1 | * 196095 | DESTILLIERBEHÄLTER OHNE DA/EL-TEILE STILL WITHOUT STEAM /ELEC.-PARTS | 26 | 156780 | DECKEL MIT DICHTUNG COVER WITH GASKET | 52 | 197588 | HEIZSTAB OHNE ÜBERHITZUNGSSCHUTZ 230 /400 V, HEATER ELEMENT WITHOUT OVERH PROTECTION |
| | * 169669 | DESTILLIERBEHÄLTER KOMPL. UL STILL COMPLETE UL | | 197054 | DECKEL MIT DICHTUNG OHNE 1" BOHRUNG COVER WITH GASKET WITHOUT 1" HOLE | 54 | 198990 | HEIZSTAB OHNE ÜBERHITZUNGSSCHUTZ 230 /400 V, HEATER ELEMENT WITHOUT OVERH PROTECTION |
| 2 | 031940 | SCHMUTZFÄNGER 1/2" STRAINER | | 166992 | DECKEL MIT DICHTUNG P 546 COVER WITH GASKET | 56 | 163698 | TEMPERATURSENSOR 40 - 180 °C THERMAL SENSOR |
| 3 | 031887 | STEUERVENTIL FÜR DAMPF CONTROL VALVE FOR STEAM | 27 | 002553 | BOLZEN OHNE KOPF HEADLESS BOLT | 57 | 169930 | ENDSCHALTER LIMIT SWITCH |
| 4 | 031892 | DURCHGANGSVENTIL FÜR DAMPF TROUGH-WAY VALVE FOR STEAM | 28 | 003686 | AUGENSCHRAUBE EYE SCREW | 58 | 128759 | VERSCHRAUBUNG UNION |
| 5 | 125677 | RÜCKSCHLAGVENTIL 1/2" CHECK VALVE | 29 | 002418 | SCHEIBE DISC | 59 | 128762 | VERSCHRAUBUNG T UNION T-PIECE |
| 6 | 002547 | BOLZEN OHNE KOPF 12 X 50 X 42 HEADLESS BOLT | 30 | 163695 | FLÜGELMUTTER M 16 WING NUT | 60 | 002918 | DOPPELNIPPEL DOUBLE NIPPLE |
| 7 | 002547 | BOLZEN OHNE KOPF 12 X 80 X 70 HEADLESS BOLT | 31 | 156745 | HEBEL LEVER | 61 | 195368 | VERBINDUNG CONNECTION |
| 8 | 003681 | AUGENSCHRAUBE 12 X 80 EYE SCREW | 32 | 089957 | KUGELHAHN 1" BALL-COCK | 62 | 058053 | NIPPEL A/I RED. NIPPLE REDUCTION |
| 9 | 003670 | AUGENSCHRAUBE 12 X 60 EYE SCREW | 33 | 166555 | HEIZROHR DAMPF HEATING PIPE STEAM | 63 | 058062 | VERSCHRAUBUNG UNION |
| 10 | 123516 | DICHTUNG 118 X 142 X 12 GASKET | 34 | 127397 | DICHTUNG 50 X 70 X 3 GASKET | | | |
| 10 | 159371 | DICHTUNG P 546 GASKET | 35 | 109360 | KONDENSATABLEITER STEAM TRAP | | | |
| 11 | 123354 | SCHAUGLASRAHMEN SIGHT-GLASS FRAME | 36 | 031913 | RÜCKSCHLAGKLAPPE CHECK VALVE | | | |
| 12 | 002417 | SCHEIBE DISC | 37 | 196048 | SICHERUNGSMUTTER LOCK NUT | | | |
| 13 | 002495 | KREUZGRIFF CROSS NUT | 37a | 168635 | FLACHMUTTER M 16 HEXAGON NUT | | | |
| 14 | 002415 | SCHEIBE DISC | 38 | 031998 | PNEUMATIKSCHALTER PNEUMATIC SWITCH | | | |
| 15 | 003821 | SECHSKANTMUTTER M 12 HEXAGON NUT | 39 | 148031 | SECHSKANTMUTTER 3/8" HEXAGON NUT | | | |
| 16 | 159372 | DICHTUNG U-PROFIL 119 X 123 X 9 GASKET | 40 | 148032 | DICHTUNG 8,2 X 12 X 1,5 GASKET | | | |
| 17 | 021616 | GLASSCHEIBE GLASS | 41 | 125688 | EDELSTAHLSONDE STAINLESS STEEL PROBE | | | |
| 18 | 133922 | FLANSCH FLANGE | 42 | 127546 | MANOMETER PRESSURE GAUGE | | | |
| 19 | 074407 | ZYLINDERSCHRAUBE 6 X 20 CYLINDRICAL HEAD SCREW | 43 | 128723 | SICHERHEITSVENTIL SAFETY VALVE | | | |
| 20 | 155793 | LAMPE 24 V LAMP | 44 | 128965 | ROHR TUBE | | | |
| 21 | 155792 | LAMPENHALTER LAMP HOLDER | 45 | 151060 | SPINDEL MIT HANDRAD SPINDLE WITH HANDWHEEL | | | |
| 22 | 159146 | HAUBE COVER | 46 | 127398 | GEWINDEFLENSCH THREADED FLANGE | | | |
| 23 | 002545 | BOLZEN OHNE KOPF 12 X 55 X 44 HEADLESS BOLT | 47 | 128758 | DICHTUNG 48 X 55 X 2 GASKET | | | |
| 24 | 012025 | DICHTUNG 197 X 267 X 15 GASKET | 48 | 198988 | HEIZSTAB MIT ÜBERHITZUNGSSCHUTZ 230 /400 V, 8 KW HEATER ELEMENT WITH OVERHEATING PROTECTION | | | |
| 25 | 051784 | BOLZEN OHNE KOPF 12 X 70 X 60 HEADLESS BOLT | | | | | | |



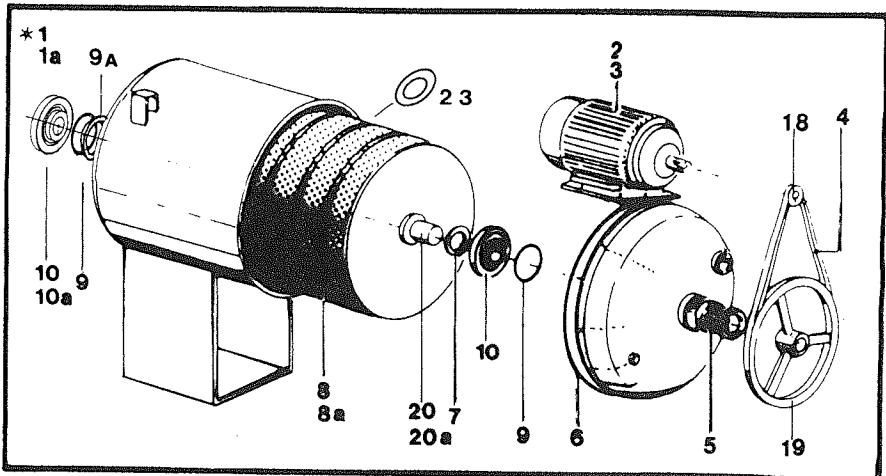
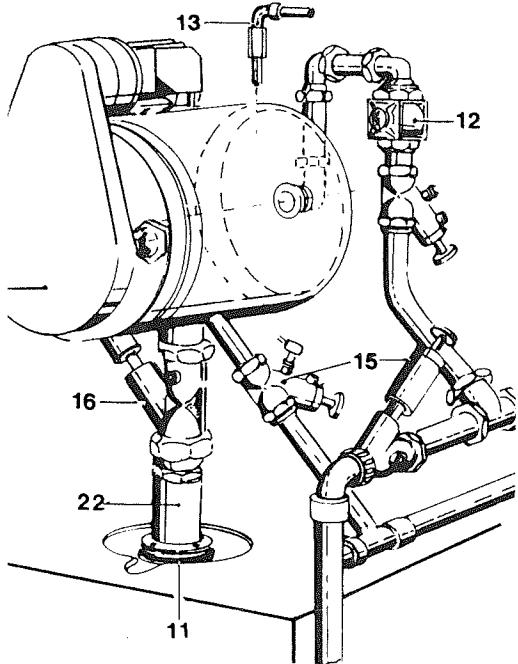
| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|---|-----------------------------|------------------------------|---|--------------|------------------------------|--|
| 1 | * 190903 | LUFTSCHACHT MIT DICHTUNGEN RECOVERY SECTION WITH GASKET | 28 | 014075 | DICHTSCHEIBE 22 X 34 X 3 GASKET | | * 169673 | KÄLTEAGGREGAT KOMPL 220 V, 60 Hz REFRIGERATION UNIT COMPL. |
| | * 196536 | LUFTSCHACHT KOMPLETT MIT KÄLTEAGGREGAT 380 - 415 V, 50 Hz RECOVERY SECTION COMPL. WITH REFRIGERATION UNIT | 29 | 168394 | DECKEL COVER | 57 | 200290 | EXPANSIONSVENTIL TEX2 EXPANSION VALVE |
| | * 196537 | LUFTSCHACHT KOMPL. MIT KÄLTEAGGREGAT 220 V, 50 Hz RECOVERY SECTION COMPL. WITH REFRIGERATION UNIT | 30 | 016036 | SECHSKANTMUTTER 1/2" HEXAGON NUT | 58 | 203974 | SCHELLE CLAMP |
| 2 | 161592 | DECKEL COVER | 31 | 031887 | STEUERVENTIL FÜR DAMPF 1/2" CONTROL VALVE FOR STEAM | 59 | 144737 | ABSPERRVENTIL CHECK VALVE |
| 3 | 161591 | DICHTUNG GASKET | 32 | 031940 | SCHMUTZFÄNGER 1/2" STRAINER | 60 | 159361 | SCHAUGGLAS SIGHT-GLASS |
| 4 | 159451 | DICHTUNG GASKET | 33 | 159178 | KLAPPE DAMPER | 61 | 200294 | TROCKNER DRIER |
| 5 | 159796 | DICHTUNG GASKET | 34 | 159467 | DISTANZROHR DISTANCE SPACER | 62 | 143174 | SAMMLER COLLECTOR |
| 6 | 164122 | DICHTUNG GASKET | 35 | 087440 | BUCHSE BUSH | | 190713 | SAMMLER P 546 COLLECTOR |
| 7 | 166351 | SICHERHEITSVENTIL 0,3 BAR SAFETY VALVE | 36 | 144932 | DICHTUNG GASKET | 63 | 126225 | KONDENSATOR CONDENSER |
| 8 | 200609 | TEMPERATURSENSOR THERMAL SENSOR | 37 | 010484 | WELLENDICHTUNG 15 X 24 X 7 SHAFT GASKET | 64 | 125739 | KÜHLWASSERREGLER 3/ COOLING WATER REGUL |
| 9 | 198982 | LÜFTERMOTOR 400 V, 50 Hz FAN MOTOR | 38 | 100872 | DROSSELVENTIL THROTTLE VALVE | 65 | 031940 | SCHMUTZFÄNGER 1/2" STRAINER |
| 10 | 198981 | LÜFTERMOTOR 230 V, 50 Hz FAN MOTOR | 39 | 121261 | 3-WEGEVENTIL 3-WAY VALVE | 66 | 116962 | DURCHGANGSVENTIL TROUGH-WAY VALVE |
| | 169612 | LÜFTERMOTOR 220 V, 60 Hz FAN MOTOR | 40 | 031863 | PRESSLUFTZYLLINDER PNEUMATIC RAM | 67 | 164125 | VENTILATOR FAN |
| 11 | 700203 | DICHTUNG GASKET | 41 | 161589 | LUFTVORWÄRMER AIR PREHEATER | 68 | 163546 | DICHTUNG GASKET |
| 12 | 700205 | FLANSCH-LATERNE FLANGE | 42 | 148589 | RUNDDICHTUNG 28 X 5,5 GASKET | 69 | 190774 | BELÜFTUNGSROHR VENTING PIPE |
| | 149456 | SCHMIERNIPPEL-KEGEL GREASE NIPPLE | 43 | 161590 | KÜHLREGISTER COOLER | 69a | 169700 | FLANSCHROHR FLANGE PIPE |
| 13 | 032790 | 163698 | GERÄTESTECKER RECEPTACLE | | | | | |
| 14 | 010486 | WELLENDICHTUNG 22 X 35 X 7 SHAFT GASKET | 44 | 148588 | RUNDDICHTRING GASKET | 70 | 161310 | SCHRÄGSITZVENTIL 2" SLANTED SEAT VALVE |
| 15 | 190303 | SCHEIBE 8,4 X 25 X 4 DISC | 45 | 149456 | DICHTUNG 36 X 38 X 1,6 GASKET | 71 | 163835 | GERÄTESTECKER RECEPTACLE |
| 16 | 002376 | SICHERUNGSBLECH LOCKING PLATE | 46 | 144738 | ABSPERRVENTIL V04 CHECK VALVE | 72 | 031987 | VAKUUM MANOMETER VACUUM PRESSURE GAU |
| 17 | 003200 | SECHSKANTSCHRAUBE M 8 X 25 HEXAGON HEAD SCREW | 47 | 151044 | DICHTUNG 22,2 X 25,4 X 1,6 GASKET | 73 | 163698 | TEMPERATURSENSOR 40 THERMAL SENSOR |
| 18 | 198991 | LÜFTERMOTOR KOMPLETT 230 V, 50 Hz FAN MOTOR COMPL. | 48 | 159401 | DICHTRING GASKET | 74 | 161312 | DICHTUNG GASKET |
| 19 | 198992 | LÜFTERMOTOR KOMPLETT 400 V, 50 Hz FAN MOTOR COMPL. | 49 | 144739 | ABSPERRVENTIL V06 CHECK VALVE | 75 | 166166 | FLANSCHROHR FLANGE-PIPE |
| | 126900 | VERDICHTER 380 - 415 V, 50 Hz COMPRESSOR | 50 | 126899 | VERDICHTER 230 V, 50 Hz COMPRESSOR | 76 | 121261 | VENTIL PNEUMATIK PNEUMATIC VALVE |
| 20 | 166973 | LÜFTERMOTOR KOMPLETT 220 V, 60 Hz FAN | 51 | 200616 | VERDICHTER 230 V, 60 Hz COMPRESSOR | 77 | 168713 | PRESSLUFTZYLLINDER PNEUMATIC RAM |
| | 115646 | PRESSOSTAT 6 - 32 BAR PRESSURE CONTROL SWITCH | 52 | 157867 | PRESSOSTAT P 546 PRESSURE CONTROL SWITCH | 78 | 209609 | DECKEL COVER |
| 21 | 700204 | FLANSCHRING FLANGE RING | 53 | 115648 | PRESSOSTAT 0,2 - 7,5 BAR PRESSURE CONTROL SWITCH | 79 | 168866 | DICHTUNG GASKET |
| 22 | 125878 | LÜFTERRAD FAN WHEEL | | 203972 | PRESSOSTAT P 546 UL PRESSURE CONTROL SWITCH | 80 | 090956 | MUTTER NUT |
| | 127724 | LÜFTERRAD 220 V, 60 Hz FAN WHEEL | 54 | 159475 | EINSCHRAUBVENTIL SCREWED VALVE | 81 | 168862 | TELLER DISC |
| 23 | 198986 | HEIZREGISTER 400 V, 6 kW HEATER | 55 | 190342 | DÜSE NR. 6 NOZZLE NO. 6 | 82 | 168863 | DICHTUNG GASKET |
| 25 | 168395 | DICHTUNG GASKET | 56 | * 196527 | KÄLTEAGGREGAT KOMPLETT 380 - 415 V, 50 Hz REFRIGERATION UNIT COMPL. | 83 | 168861 | TELLER DISC |
| 26 | 090797 | KONTAKT-THERMOMETER 0 - 250 °C TEMPERATURE CONTROL GAUGE | | * 196528 | KÄLTEAGGREGAT KOMPLETT 230 V, 50 Hz REFRIGERATION UNIT COMPL. | 84 | 090952 | DICHTRING SEAL |
| 27 | 168771 | HEIZREGISTER DAMPF HEATER STEAM | | | | | | |

KÄLTEMITTEL R 22
REFRIGERATION AID R 22



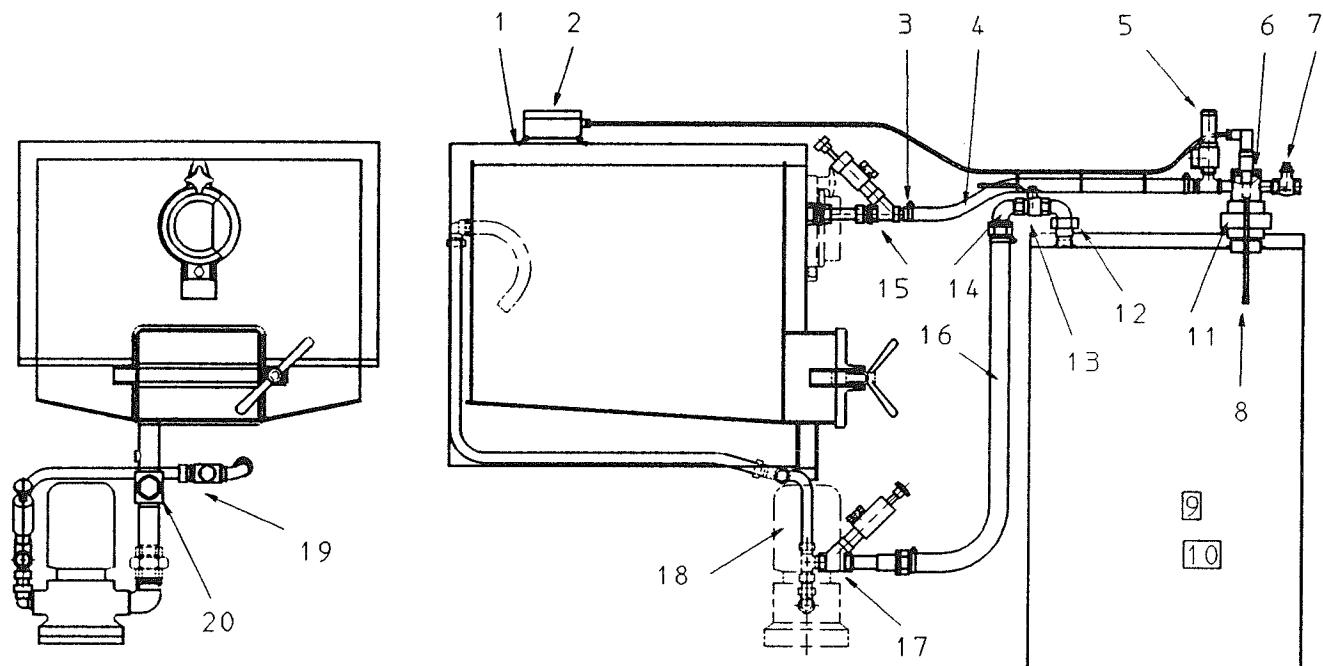


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|--------------|------------------------------|--|--------------|------------------------------|----------------------------|
| 1 | 198980 | ANTRIEBSMOTOR 230 /400 V, 50 HZ DRIVE MOTOR | 8 | 168841 | RIEMENSCHUTZ BELT GUARD |
| 2 | 127964 | ANTRIEBSMOTOR 220 V, 60 HZ DRIVE MOTOR | 9 | 168837 | KONSOLE CONSOLE |
| 3 | 128497 | KEILRIEMENSCHEIBE V BELT PULLEY | 10 | 163412 | BOLZEN BOLT |
| 4 | 015262 | SCHEIBE WASHER | 11 | 151054 | METALLGUMMIBUCHSE BUSH |
| 5 | 001217 | ZAHNSCHEIBE TOOTHED WASHER | 12 | 153375 | BUCHSE BUSH |
| 6 | 003139 | SECHSKANTSCHRAUBE HEXAGON HEAD SCREW | 13 | 169614 | PUFFER BUFFER |
| 7 | 160836 | KEILRIEMEN (3 STÜCK) V BELT (3 PCE.) | | | |

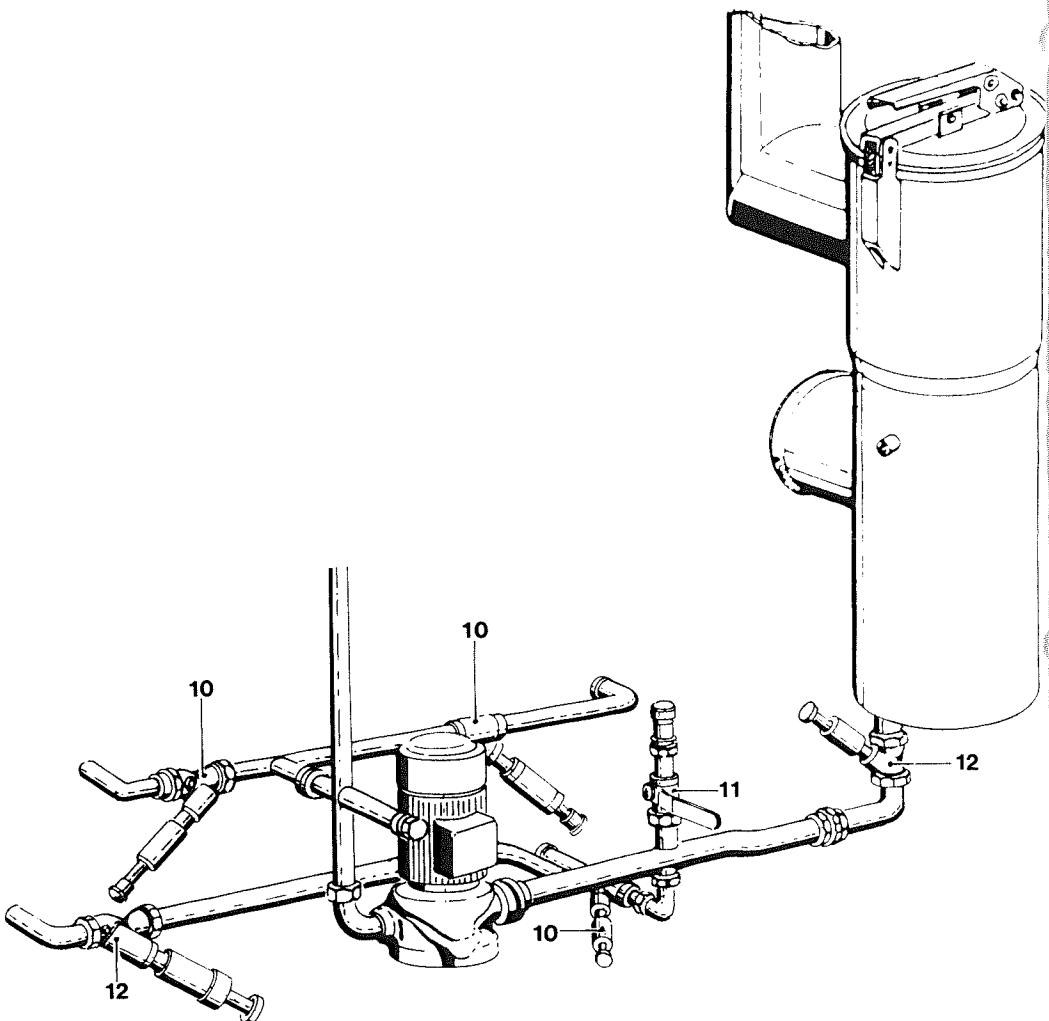
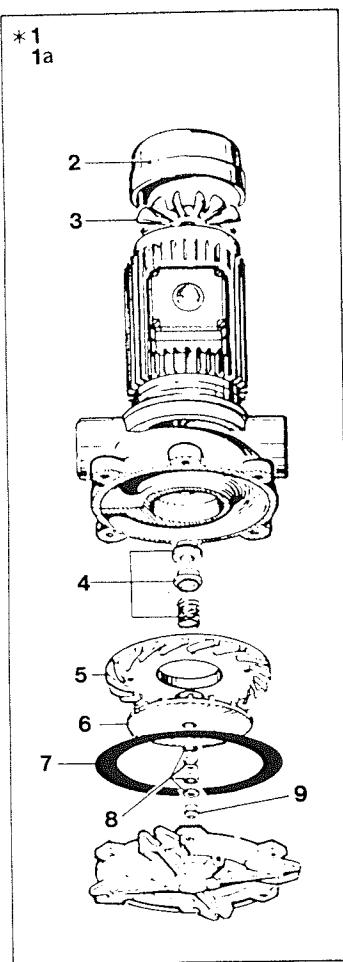


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|--------------|------------------------------|--|--------------|------------------------------|---|
| 1 | * 198974 | ROTATIONSANSCHWEMMFILTER MIT 30 SCHEIBEN 230 /400 V ROTATIONAL-WHIRLING FILTER WITH 30 DISC | 9a | 190849 | DICHTUNG GASKET |
| | * 169618 | ROTATIONSANSCHWEMMFILTER MIT 30 SCHEIBEN 220 V, 60 HZ ROTATIONAL-WHIRLING FILTER WITH 30 DISC | 10 | 169712 | BUCHSE BUSH |
| 1a | * 198979 | RWP-ÖKO-FILTER (ANSCHWEMMFREI) 30 SCHEIBEN 230 /400 V, 50 HZ RWP-ECO-FILTER (WITHOUT FILTERPOWDER) WITH 30 DISC | 10a | 191375 | BUCHSE BUSH |
| | * 032033 | RWP-ÖKO-FILTER (ANSCHWEMMFREI) 30 SCHEIBEN 220 V, 60 HZ RWP-ECO-FILTER (WITHOUT FILTERPOWDER) WITH 30 DISC | 11 | 163832 | DICHTUNG GASKET |
| 2 | 198995 | MOTOR 230 /400 V, 50 HZ MOTOR | 12 | 163605 | DURCHGANGSSCHAUGLAS 1 1/4" TUBULAR SIGHT-GLASS |
| 3 | 169629 | MOTOR 220 V, 60 HZ MOTOR | 13 | 134723 | RÜCKSCHLAGVENTIL CHECK VALVE |
| 4 | 169983 | KEILRIEMEN (1 STÜCK) V-BELT (1 PCE.) | 14 | 031992 | MANOMETER 0 - 6 BAR PRESSURE GAUGE |
| 5 | 169984 | RILLENKUGELLAGER GROOVED BEARING | 15 | 139407 | SCHRÄGSITZVENTIL 1" SLANTED SEAT VALVE |
| 6 | 169985 | DICHTUNG GASKET | 16 | 161310 | SCHRÄGSITZVENTIL 2" SLANTED SEAT VALVE |
| 7 | 169987 | WELLENDICHTUNG GASKET | 18 | 190854 | RIEMENSCHIEBE KEIL 1 RILLIG V BELT PULLEY |
| 8 | 161237 | RA-FILTERSCHEIBE (30 STÜCK) FILTER WASHER | 19 | 190855 | RIEMENSCHIEBE KEIL 1 RILLIG V BELT PULLEY |
| | 014329 | AT-FILTERSCHEIBE RA-FILTER EXCH.-FILTER WASHER | 20 | 191379 | WELLE FILTER SHAFT FILTER |
| | 008299 | ÖKO-FILTERSCHEIBE (30 STÜCK) FILTER WASHER | 20a | 191770 | WELLE FILTER SHAFT FILTER |
| | 198520 | AT-FILTERSCHEIBE RWP-FILTER EXCH.-FILTER WASHER | 21 | 193802 | RIEMENSCHUTZ BELT GUARD |
| 9 | 169986 | O-RING O-RING | 22 | 161320 | FILTER-ABLASSROHR FILTER-OUTLET TUBE |
| | | | 23 | 197352 | FILTERSCHEIBENABDICHTUNG FILTER WASHER GASKET |

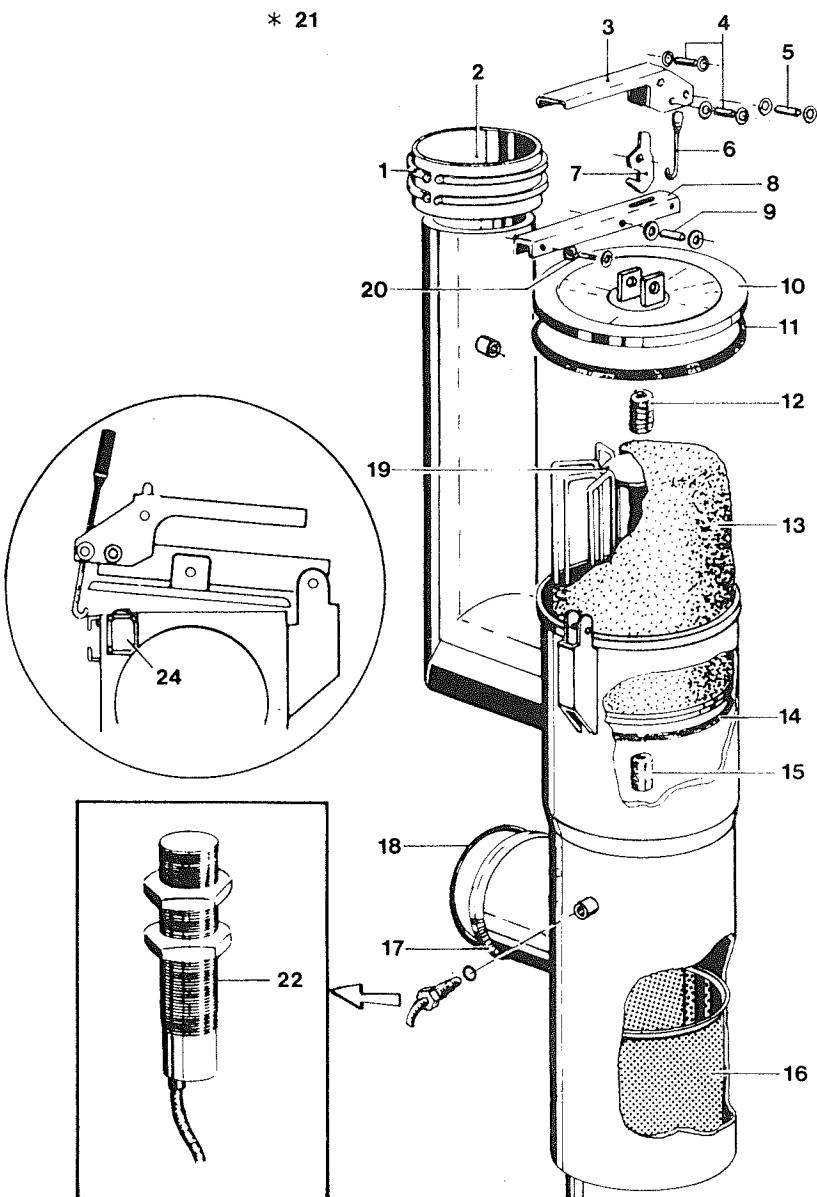




| S. BESTELLNUMMER VI PART NUMBER | BENENNUNG DESIGNATION | POS. BESTELLNUMMER ITEM PART NUMBER | BENENNUNG DESIGNATION | |
|------------------------------------|---|--|--------------------------|---|
| 126843 | HALTEBLECH HOLDING METAL | 12 | 127971 | WINKELVERSCHRAUBUNG A/A ANGLE UNION |
| 159058 | KAPAZITIVSCHALTGERÄT CAPACITIVE CONTROL GEAR | 13 | 116328 | KUGELHAHN BALL-COCK VALVE |
| 129991 | SCHELLE CLAMP | 14 | 002782 | WINKEL A/A ELBOW |
| 032592 | PERBUNAN N SCHLAUCH HOSE | 15 | 013543 | SCHRÄGSITZVENTIL SLANTED SEAT VALVE |
| 166351 | SICHERHEITSVENTIL 0,3 BAR SAFETY VALVE | 16 | 197846 | SCHLAUCH, 1 M HOSE |
| 025237 | ENTLÜFTUNGSROHRLEITUNG TUBE (AERATING) | | 197847 | SCHLAUCH, 2 M HOSE |
| 031917 | RÜCKSCHLAGVENTIL 1/2" 0,1 BAR CHECK VALVE | 17 | 109850 | SCHRÄGSITZVENTIL 3/4" SLANTED SEAT VALVE |
| 144922 | NIVEAUSONDE LEVEL SENSOR | 18 | 209373 | PUMPE MIT MOTOR, 190 - 440 V, 50 Hz PUMP |
| 196165 | DB ENTSORGUNGSFASS 100 L BARREL | | 123588 | PUMPE MIT MOTOR, 208 - 440 V, 60 Hz PUMP |
| 196166 | DB ENTSORGUNGSFASS 200 L BARREL | 19 | 031874 | SCHNELLSSCHL.-SCHIEBER LEVER GATE VALVE |
| 002902 | VERSCHRAUBUNG I/A-KOND.DIC UNION | 20 | 031872 | SCHNELLSSCHL.-SCHIEBER LEVER GATE VALVE |



| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|--|--------------|------------------------------|--|
| 1 | 139424 | PUMPE MIT MOTOR 190 - 440 V 50 HZ PUMP WITH MOTOR | 7 | 073039 | GEHÄUSEDICHTUNG GASKET |
| 1a | 139425 | PUMPE MIT MOTOR 190 - 440 V 60 HZ PUMP WITH MOTOR | 8 | 055067 | VERBINDUNG SPANNELEMENT CONNECTION CLAMP SLEEVE |
| 2 | 093605 | SCHUTZHAUBE HOOD | 9 | 052804 | SECHSKANTMUTTER M 10 HEXAGON NUT |
| 3 | 093601 | LÜFTERRAD FAN WHEEL | 10 | 139407 | SCHRÄGSITZVENTIL 1" SLANTED-SEAT VALVE |
| 4 | 156077 | GLEITRINGDICHTUNG KOMPL. COUNTER RING COMPL. | 11 | 116328 | KUGELHAHN 3/4" BALL COCK |
| 5 | 123540 | LEITRING GUIDE RING | 12 | 109851 | SCHRÄGSITZVENTIL 1 1/4" SLANTED-SEAT VALVE |
| 5a | 125705 | LEITRING 220 V 60 HZ GUIDE RING | | | |
| 6 | 143080 | PUMPENRAD PUMP IMPELLOR | | | |
| 6a | 143081 | PUMPENRAD 220 V 60 HZ PUMP IMPELLOR | | | |

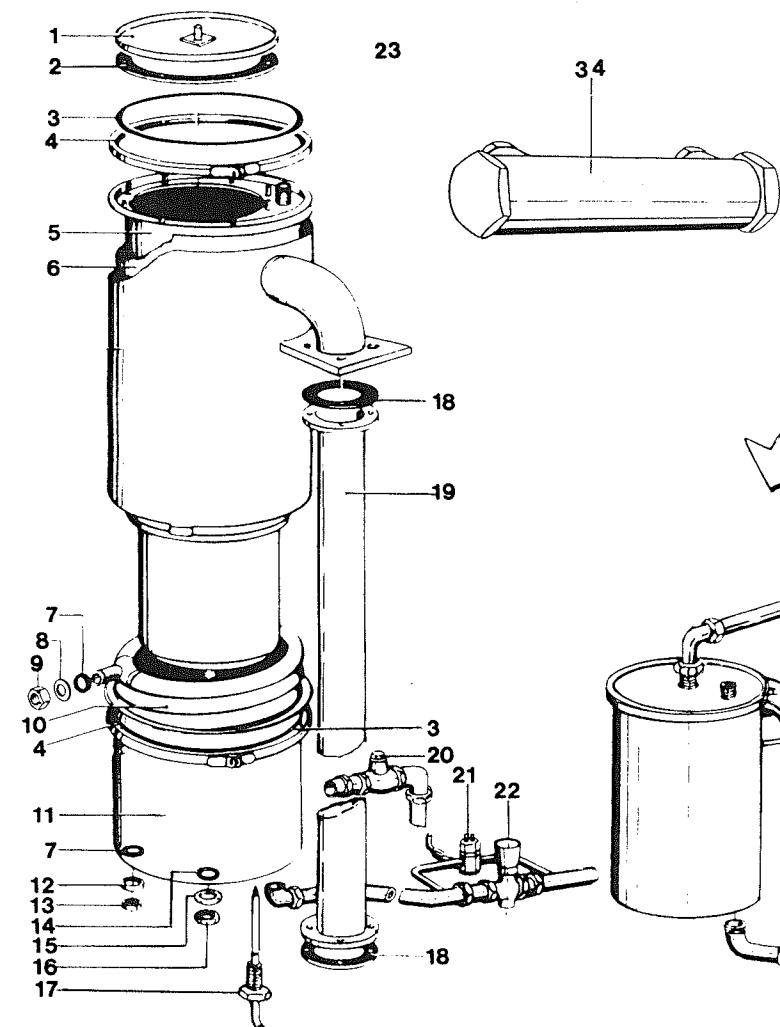


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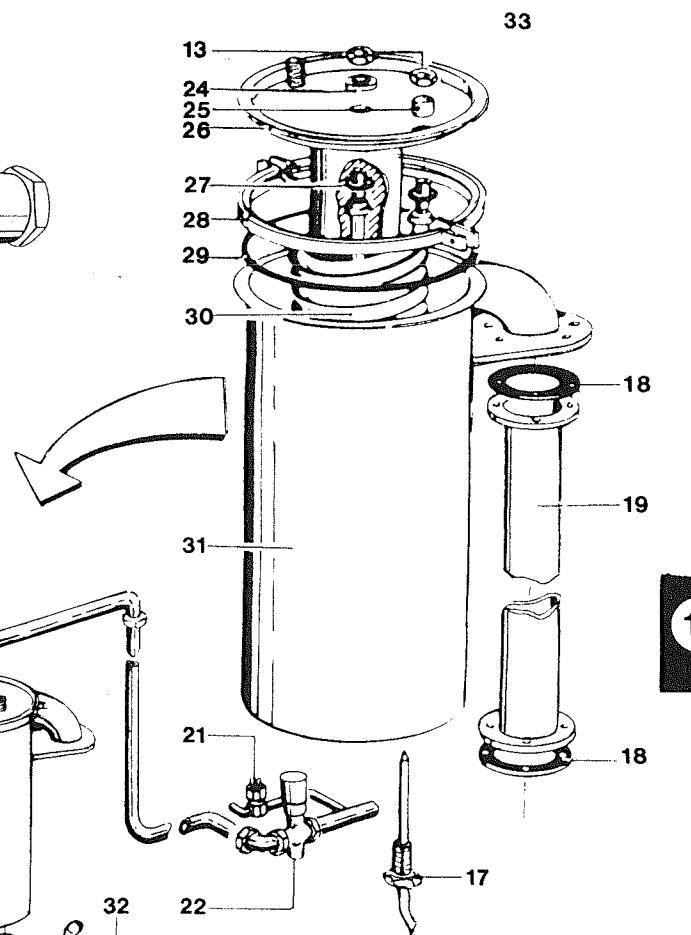
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|--------------|------------------------------|--------------------------------------|--------------|------------------------------|--|
| 1 | 125701 | SCHLAUCHSCHELLE HOSE CLAMP | 13 | 164387 | FLUSENFILTER-TUCH LINT FILTER STRAINING CLOTH |
| 2 | 164515 | SCHLAUCH HOSE | 14 | 164508 | DICHTUNG GASKET |
| 3 | 160729 | GRIFF HANDLE | 15 | 160730 | DRUCKFEDER PRESSURE SPRING |
| 4 | 160731 | BOLZEN OHNE KOPF HEADLESS BOLT | 16 | 198078 | SIEBEINSATZ STRAINER |
| 5 | 160776 | BOLZEN OHNE KOPF HEADLESS BOLT | 17 | 156040 | SPANNSCHELLE CLAMP |
| 6 | 164386 | TÜRVERSCHLUSS-SCHRAUBE SCREW LOCK | 18 | 151051 | O-RING 172 X 7 O-RING |
| 7 | 160728 | VERSCHLUSS LOCK | 19 | 163881 | FLUSENFILTER-KORB LINT FILTER BASKET |
| 8 | 163827 | HEBEL LEVER | 20 | 160732 | BOLZEN OHNE KOPF HEADLESS BOLT |
| 9 | 160733 | BOLZEN OHNE KOPF HEADLESS BOLT | 21 | * 164380 | NADEFÄNGER KOMPLETT BUTTON TRAP COMPLETE |
| 10 | 164385 | DECKEL LID | 22 | 168132 | FÜLLSTANDSSENSOR LEVEL SENSOR |
| 11 | 164423 | DICHTUNG GASKET | 24 | 169930 | ENDSCHALTER LIMIT SWITCH |
| 12 | 100375 | DRUCKFEDER PRESSURE SPRING | | | |

| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|--|--------------|------------------------------|---|
| 1 | 153513 | DECKEL COVER | 21 | 116976 | DURCHGANGSVENTIL 1/8" THROUGH-WAY VALVE |
| 2 | 153512 | DICHTUNG GASKET | 22 | 091613 | KÜHLWASSERREGLER 1/2" COOLING WATER REGULATOR |
| 3 | 153566 | O-RING O-RING | 23 | 190908 | WÄRMERÜCKFÜHRUNG KOMPLETT HEATING RECYCLING COMPLETE |
| 4 | 156045 | SPANNSCHELLE CLAMP | 24 | 015527 | SCHEIBE 23 X 42 X 8 WASHER |
| 5 | 155803 | BEHÄLTER EINSATZ TANK INSERT | 25 | 148849 | DISTANZBUCHSE SPACER |
| 6 | 155801 | BEHÄLTER TANK | 26 | 156755 | EINSATZ KONDENSATOR INSERT CONDENSER |
| 7 | 057037 | DICHTSCHEIBE 28 X 40 X 4 GASKET | 27 | 149281 | DICHTUNG 28 X 35 X 4 GASKET |
| 8 | 015526 | SCHEIBE 28 X 42 X 8 WASHER | 28 | 156040 | SPANNSCHELLE CLAMP |
| 9 | 018026 | SECHSKANTMUTTER 3/4" HEXAGON NUT | 29 | 151051 | O-RING O-RING |
| 10 | 151083 | KÜHLSCHLANGE CONDENSER COIL | 30 | 156752 | KÜHLSCHLANGE CONDENSER COIL |
| 11 | 153520 | KONDENSATOR-KESSEL CONDENSER TANK | 31 | 156753 | BEHÄLTER TANK |
| 12 | 149873 | SCHEIBE WASHER | 32 | 113979 | KUGELHAHN 1/2" BALL COCK |
| 13 | 016036 | SECHSKANTMUTTER 1/2" HEXAGON NUT | 33 | 190909 | KONDENSATOR KOMPLETT CONDENSER COMPLETE |
| 14 | 022965 | DICHTSCHEIBE 34 X 48 X 3 GASKET | 34 | 151073 | WÄRMETAUSCHER HEAT EXCHANGER |
| 15 | 076226 | SCHEIBE WASHER | | | |
| 16 | 018027 | SECHSKANTMUTTER HEXAGON NUT | | | |
| 17 | 161162 | TEMPERATURSENSOR 40 - 180 °C THERMAL SENSOR | | | |
| 18 | 026364 | FLANSCHDICHTUNG FLANGE GASKET | | | |
| 19 | 164928 | STEIGROHR ASCENDING PIPE | | | |
| 20 | 031913 | RÜCKSCHLAGKLAPPE 1/2" CHECK VALVE | | | |

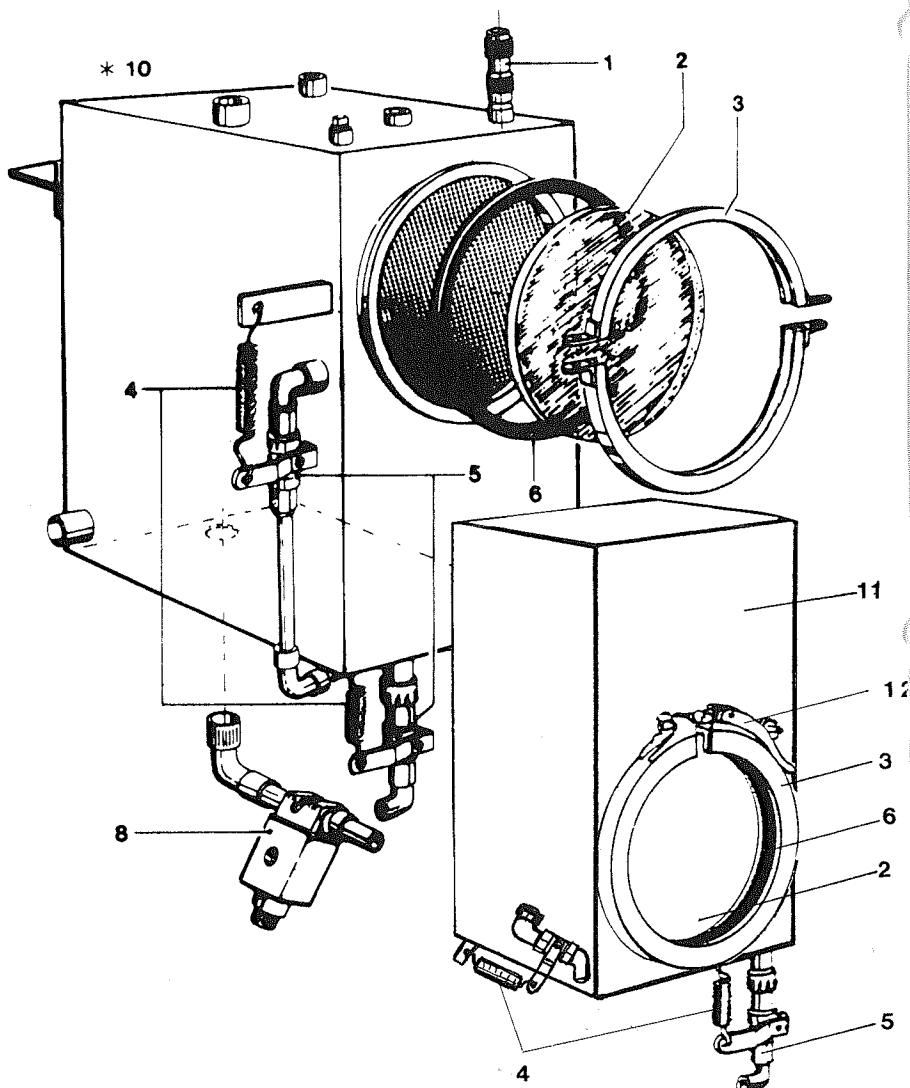
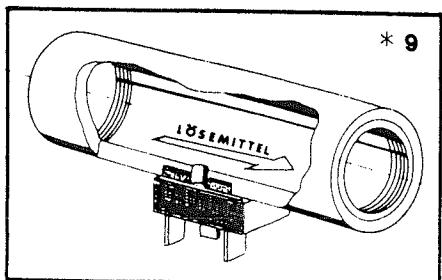
RÜCKFÜHRUNG / HEAT RECYCLING



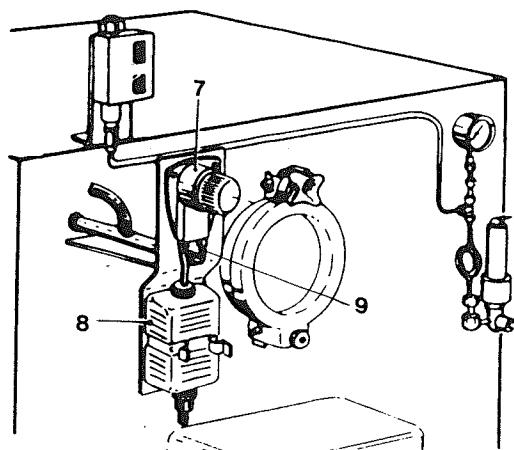
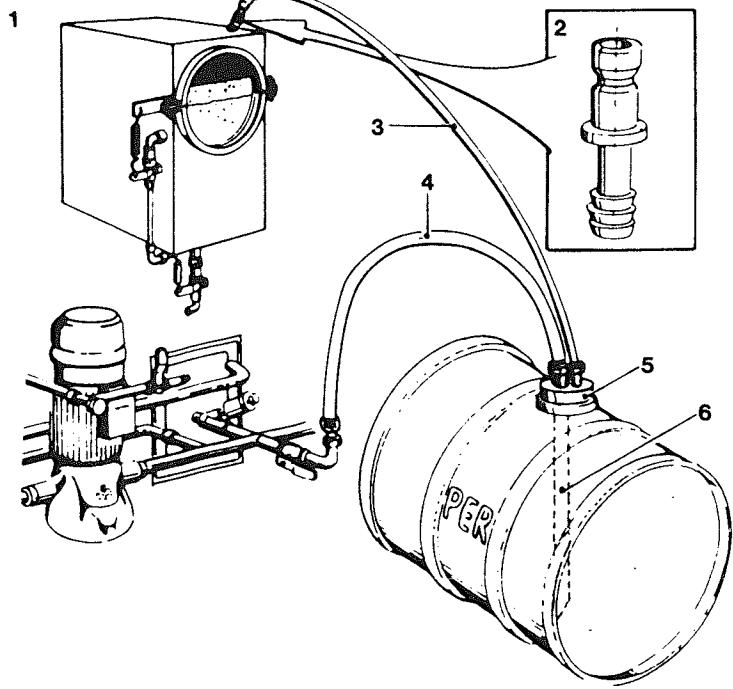
KONDENSATOR KOMPLETT / CONDENSER COMPLETE



11



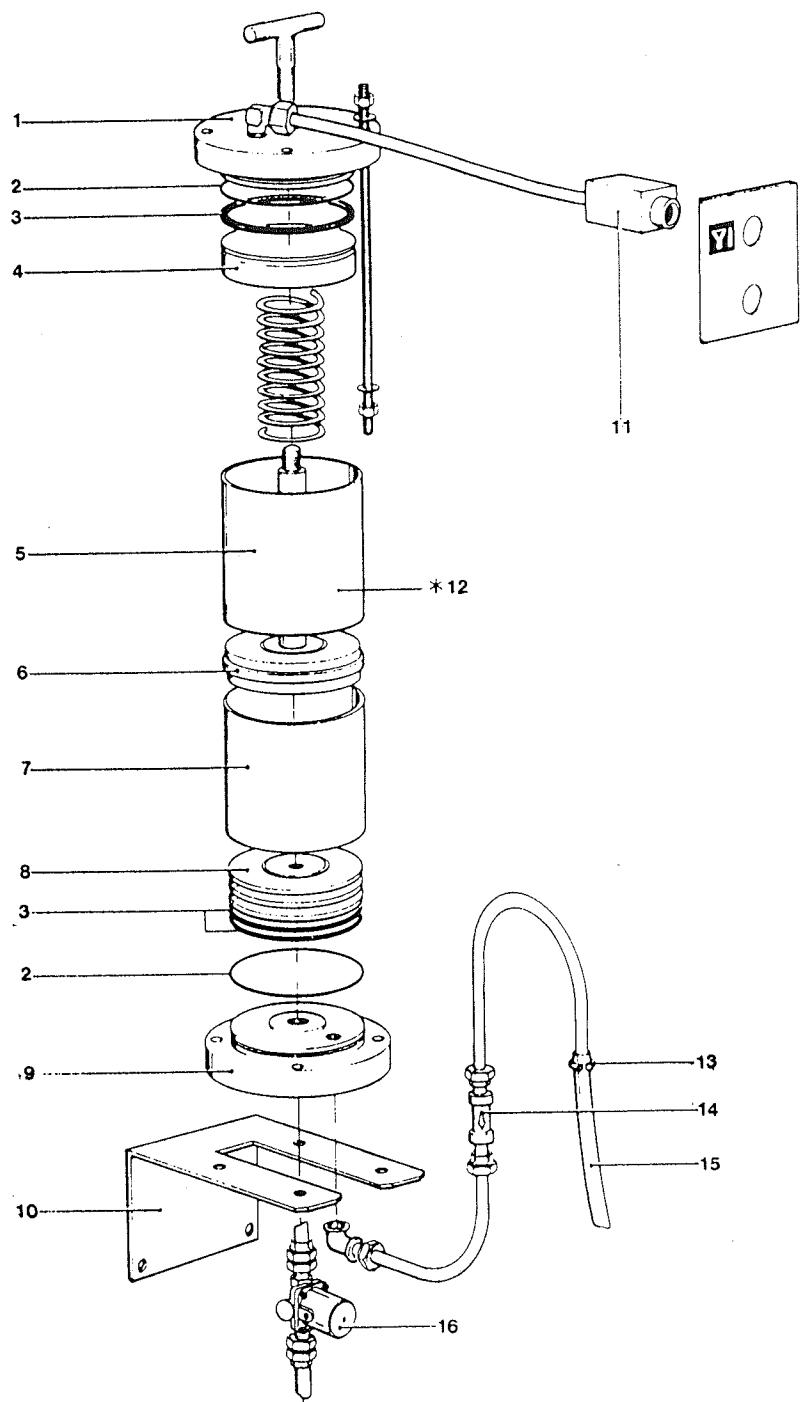
| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | |
|--------------|------------------------------|----------------------------------|--------------|------------------------------|--|---|
| 1 | 168708 | KUPPLUNG COUPLING | 8 | 116962 | DURCHGANGSVENTIL 3/8" THROUGH-WAY VALVE | |
| 2 | 149288 | GLASSCHEIBE GLASS | 9 | * | 191778 | TROCKENKONTROLLGERÄT DRYING CONTROLLER |
| 3 | 196290 | SPANNSCHELLE CLAMP | 10 | * | 159789 | WASSERABSCHEIDER KOMPLETT WATER SEPARATOR COMPLETE |
| 4 | 047510 | FEDER SPRING | 11 | 198568 | NACHABSCHEIDER POST SEPARATOR | |
| 5 | 113979 | KUGELHAHN 1/2" BALL COCK | 12 | 196505 | KLAPPSTECKER FLAP PLUG | |
| 6 | 149253 | DICHTUNG 177 X 181 X 9 GASKET | | | | |



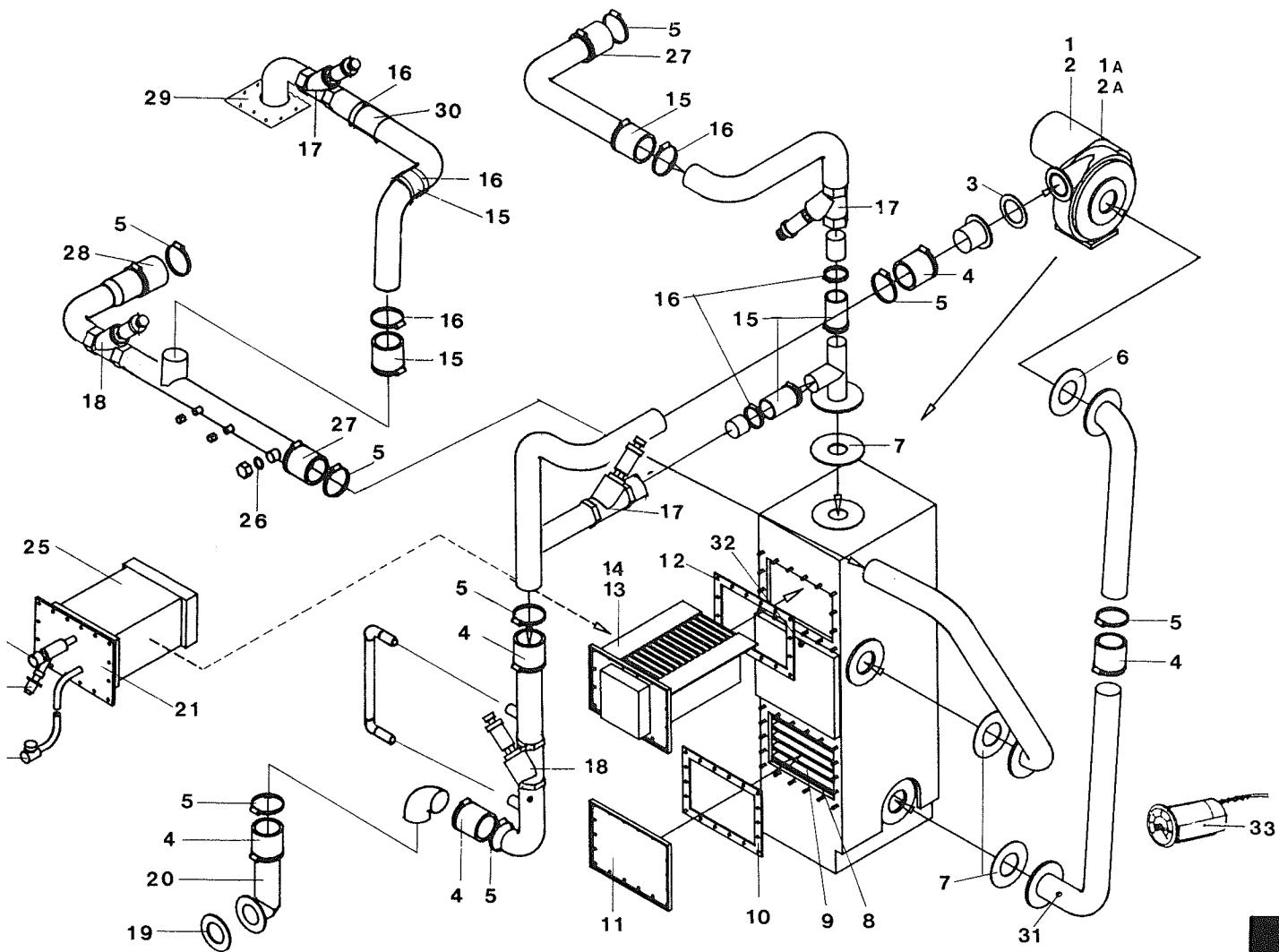
12

| OS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|-------------|---|--------------------------|--------------|------------------------------|---|
| 159689 | LÖSEMITTELAUFPÜLLUNG KOMPLETT SOLVENT FILLING COMPLETE | | 6 | 155991 | TAUCHROHR IMMERSION PIPE |
| 166063 | STECKNIPPEL PLUG-IN NIPPLE | | 7 | 168722 | HAND-DOSIERPUMPE (DESTILLATION) MANUAL DOSING PUMP (STILL) |
| 206805 | SCHLAUCH 10 X 2 X 3000 LANG HOSE | | 8 | 166461 | BEHÄLTER CONTAINER |
| 129990 | SCHLAUCH 19 X 4 X 2000 LANG HOSE | | 9 | 169912 | KUGELHAHN 1/4" BALL COCK |
| 166131 | STOPFEN PLUG | | | | |

DG 18



| POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|--------------|------------------------------|--|--------------|------------------------------|--|
| 1 | 149292 | FLANSCH DECKEL FLANGE LID | 9 | 149291 | FLANSCH BODEN FLANGE BASE |
| 2 | 149368 | O-RING 78 X 2 O-RING | 10 | 160751 | KONSOLE CONSOLE |
| 3 | 149369 | K-NUTRING K-PACKING RING | 11 | 095885 | DREIWEGEVENTIL R 1/8" SOLENOID VALVE |
| 4 | 149365 | KOLBEN ANDRUCK PISTON PRESSURE | 12 | 148077 | DOSIERGERÄT DG 18 DOSING UNIT DG 18 |
| 5 | 149294 | HÜLSE DRUCKLUFT 76 X 80 BUSH COMPRESSED AIR | 13 | 013024 | SCHLAUCHSCHELLE HOSE CLAMP |
| 6 | 149367 | ZWISCHENPLATTE INTERMEDIATE PLATE | 14 | 143002 | RÜCKSCHLAGKLAPPE R 3/8" CHECK VALVE |
| 7 | 149293 | HÜLSE PRODUKT 76 X 80 BUSH PRODUCT | 15 | 001795 | SCHLAUCH 12 X 2 X 1300 LG HOSE |
| 8 | 149366 | KOLBEN PRODUKT PISTON PRODUCT | 16 | 116962 | DURCHGANGSVENTIL R 3/8" THROUGH-WAY VALVE |

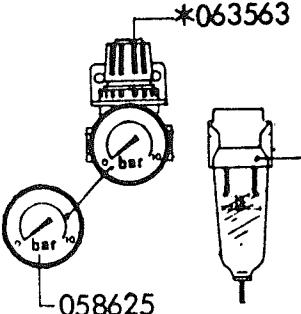


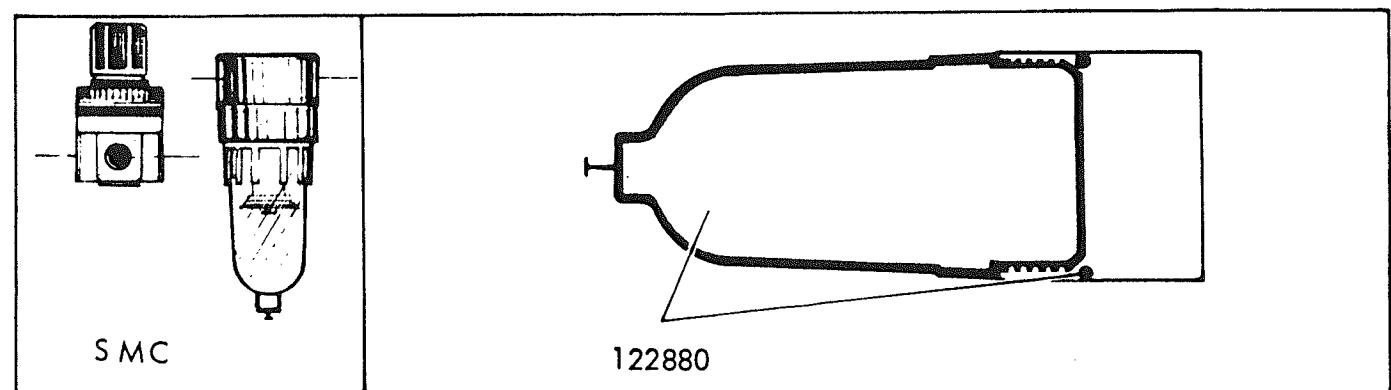
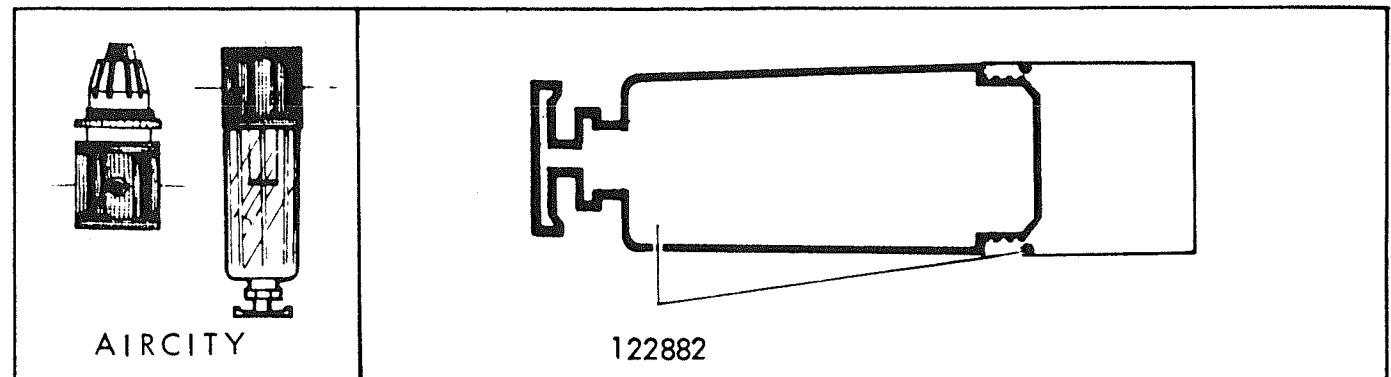
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| BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|------------------------------|---|--------------|------------------------------|--|--------------|------------------------------|--|
| 196474 | VENTILATOR 230 / 400 V, 50 HZ FAN | 11 | 021310 | DECKEL COVER | 23 | 031887 | VENTIL CONTROL VALVE |
| 191324 | KEILRIEMEN 50 HZ V-BELT | 12 | 011288 | DICHTUNG GASKET | 24 | 031940 | SCHMUTZFÄNGER STRAINER |
| 169619 | VENTILATOR 220 / 380 V, 60 HZ FAN | 13 | 197008 | HEIZREGISTER 400 V HEATER | 25 | 169724 | HEIZREGISTER DAMPF HEATER STEAM |
| 191326 | KEILRIEMEN 60 HZ V-BELT | 14 | 197009 | HEIZREGISTER 230 V HEATER | 26 | 074985 | O-RING O-RING |
| 166242 | DICHTUNG GASKET | 15 | 166863 | SCHLAUCH 60 X 120 HOSE | 27 | 166782 | SCHLAUCH 76 X 135 HOSE |
| 166251 | SCHLAUCH 76 X 100 HOSE | 16 | 002196 | SCHLAUCHSCHELLE HOSE CLAMP | 28 | 166250 | SCHLAUCH 89 X 100 HOSE |
| 119724 | SCHLAUCHSCHELLE HOSE CLAMP | 17 | 169949 | SCHRÄGSITZVENTIL SLANTED SEAT VALVE | 29 | 700124 | DECKEL LID |
| 166243 | DICHTUNG GASKET | 18 | 166722 | SCHRÄGSITZVENTIL SLANTED SEAT VALVE | 30 | 166864 | SCHLAUCH 60 X 80 HOSE |
| 194705 | DICHTUNG GASKET | 19 | 164531 | FLANSCHDICHTUNG GASKET | 31 | 161162 | TEMPERATURSENSOR THERMAL SENSOR |
| 195826 | KOHLEMATTE KOMPL. CARBON MAT | 20 | 700068 | ROHRLEITUNG PIPEWORK | 32 | 163698 | TEMPERATURSENSOR THERMAL SENSOR |
| 166778 | KOHLEMATTE CARBON MAT | 21 | 011179 | DECKEL LID | 33 | 090797 | KONTAKTTHERMOMETER TEMPERATURE CONTROL GAUGE |
| 021311 | DICHTUNG GASKET | 22 | 109360 | ABLEITER STEAM TRAP | | | |

WARTUNGSEINHEIT

MAINTENANCE UNIT

| | | | |
|--|-----------------------------|--|------|
|  | *063563 032000 058625 | Filterabscheider kompl. Separator compl. | 1/4" |
| | *032000 | Röhrenfeder-Manometer Tubular pressure gauge | 1/4" |
| | 063563 | Druckregelventil kompl. Pressure control valve compl. | 1/4" |



| BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|------------------------------|---|
| 032000 | FILTERABSCHIEDER KOMPL. 1/4." FILTER SEPARATOR COMPL. |
| 058625 | RÖHRENFEDER-MANOMETER 1/4" TUBULAR PRESSURE GAUGE |
| 063563 | LUFTVENTIL KOMPL. 1/4" PRESSURE CONTROL VLAVE COMPL. |
| 122880 | ET-PAKETE FÜR FILTERABSCHIEDER FA. SMC SPARES PACKAGE FOR FILTER SEPARATOR MESSRS. SMC |
| 122882 | ET-PAKETE FÜR FILTERABSCHIEDER FA. AIRCITY SPARES PACKAGE FOR FILTER SEPARATOR MESSRS. AIRCITY |

032000 FILTERABSCHIEDER KOMPL. 1/4."
FILTER SEPARATOR COMPL.

058625 RÖHRENFEDER-MANOMETER 1/4"
TUBULAR PRESSURE GAUGE

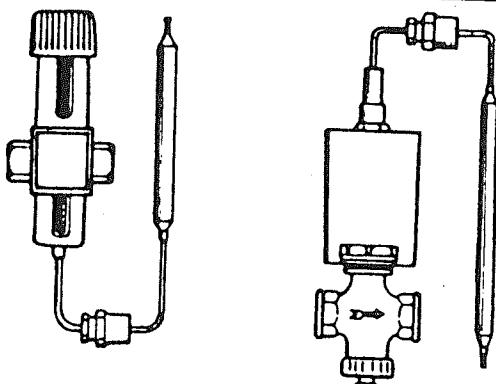
063563 LUFTVENTIL KOMPL. 1/4"
PRESSURE CONTROL VLAVE COMPL.

122880 ET-PAKETE FÜR FILTERABSCHIEDER FA. SMC
SPARES PACKAGE FOR FILTER SEPARATOR MESSRS. SMC

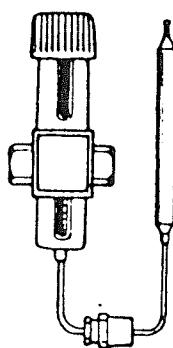
122882 ET-PAKETE FÜR FILTERABSCHIEDER FA. AIRCITY
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KÜHLWASSERREGLER

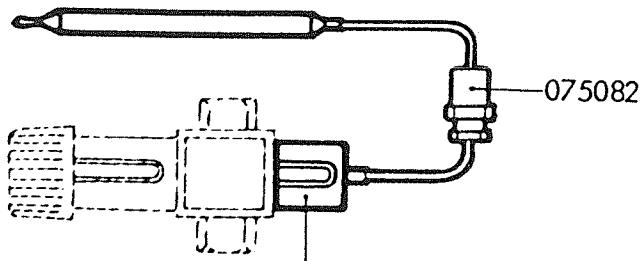
COOLING WATER REGULATOR



| | | | | |
|----------|----------|----------|--|--|
| 1/2 " | 3/4 " | 1 " | | |
| * 091613 | * 091614 | * 091615 | | |

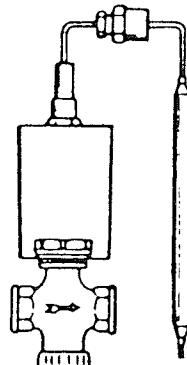


DANFOSS

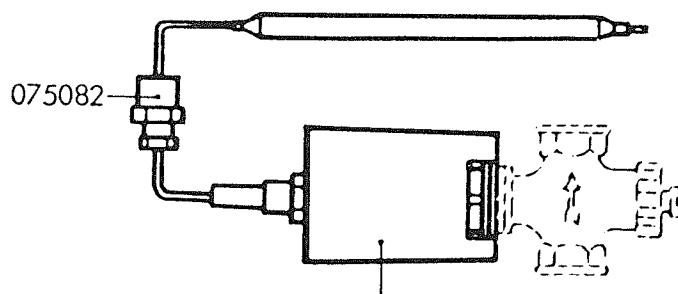


| | | | | |
|--------|-------|-----|--|--|
| 1/2 " | 3/4 " | 1 " | | |
| 103340 | | | | |

14



HERION



| | | | | |
|--------|-------|-----|--|--|
| 1/2 " | 3/4 " | 1 " | | |
| 148573 | | | | |

075082

DICHTUNGSSATZ
SET OF GASKET

091613

KÜHLWASSERREGLER KOMPL. 1/2"
COOLING WATER REGULATOR COMPL.

091614

KÜHLWASSERREGLER KOMPL. 3/4"
COOLING WATER REGULATOR COMPL.

091615

KÜHLWASSERREGLER KOMPL. 1"
COOLING WATER REGULATOR COMPL.

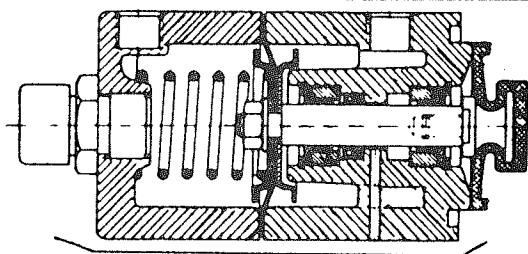
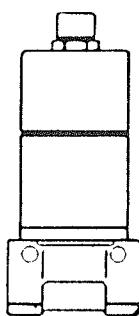
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THERMOKAPSEL FA. DANFOSS
THERMOCAPSULE DANFOSS

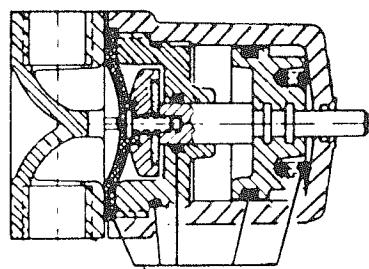
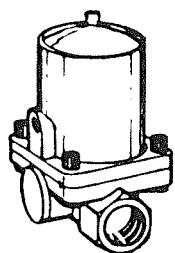
148573

THERMOKAPSEL FA. HERION
THERMOCAPSULE HERION

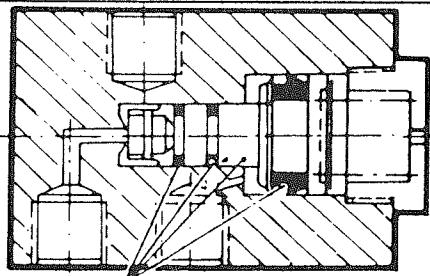
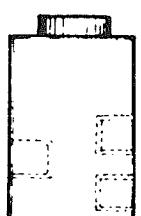
| BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|------------------------------|--|
| 116962 | DURCHGANGSVENTIL KOMPL. 3/8" THROUGH-WAY VALVE COMPL. |
| 116976 | DURCHGANGSVENTIL KOMPL. NW 1 mm 1/8" THROUGH-WAY VALVE COMPL. |
| 116977 | ET-PAKET FÜR BÜRKERT-VENTIL 3/8" SPARES PACKAGE FOR BÜRKERT VALVE |
| 116978 | ET-PAKET FÜR MÜLLER-VENTIL 3/8" SPARES PACKAGE FOR MÜLLER VALVE |
| 118524 | ET-PAKET FÜR HERION-VENTIL 1/8" SPARES PACKAGE FOR HERION VALVE |
| 123483 | ET-PAKET FÜR SUCOMA-VENTIL 1/8" SPARES PACKAGE FOR SUCOMA VALVE |
| 144923 | DURCHGANGSVENTIL KOMPL. NW 2,4 mm 1/8" THROUGH-WAY VALVE COMPL. |

DURCHGANGSVENTIL**VALVE****DURCHGANGSVENTIL VALVE 3/8" SN 116962****BÜRKERT**

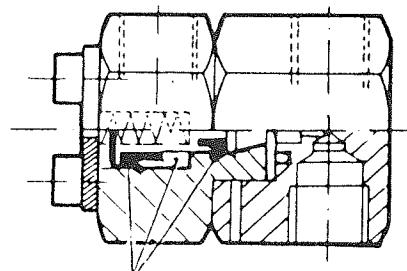
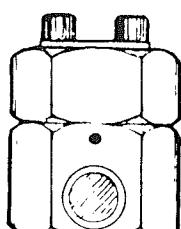
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| 3/8" | | | | |
| 116977 | | | | |

**MÜLLER**

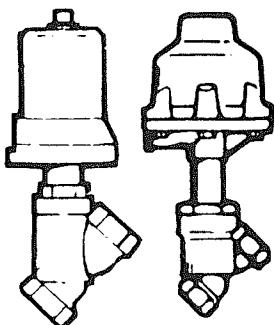
| | | | | |
|--------|--|--|--|--|
| 3/8" | | | | |
| 116978 | | | | |

15**DURCHGANGSVENTIL VALVE 1/8" SN 116976
1/8" SN 144923****SUCOMA**

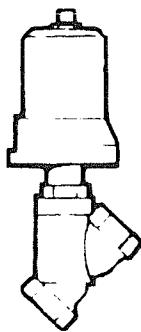
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| 1/8" | | | | |
| 123483 | | | | |

**HERION**

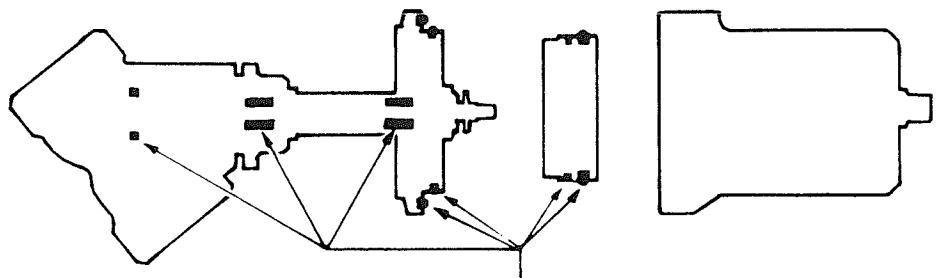
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|--------|--|--|--|--|
| 1/8" | | | | |
| 118524 | | | | |

DAMPFVENTIL**STEAM VALVE**

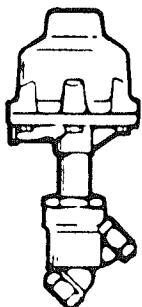
| 1/2" | | 1" | 1 1/2" | 2" |
|----------|--|----|--------|----|
| * 031887 | | | | |



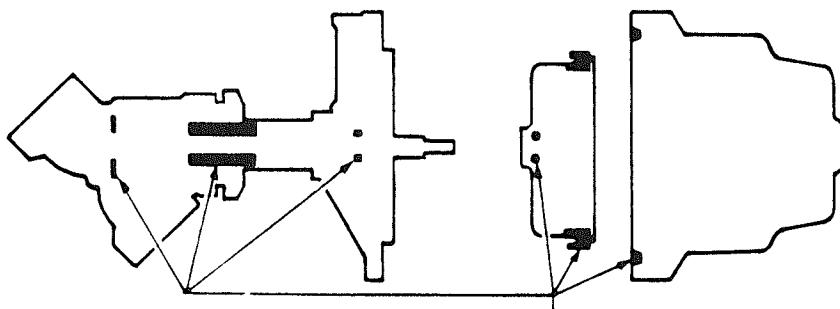
BÜRKERT



| 1/2" | | 1" | 1 1/2" | 2" |
|--------|--|----|--------|----|
| 085266 | | | | |



GEMÜ



| 1/2" | | | | |
|--------|--|--|--|--|
| 085296 | | | | |

BESTELLNUMMER
PART NUMBER

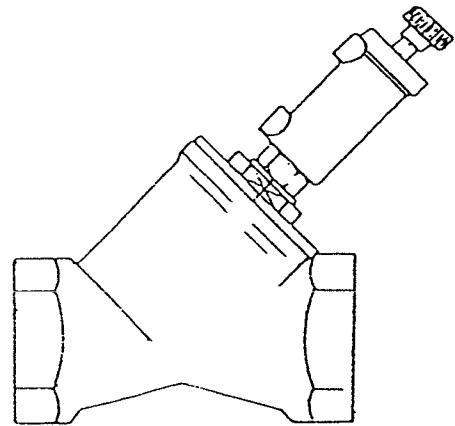
BENENNUNG
DESIGNATION

031887 DAMPFVENTIL KOMPL. 1/2"
STEAM VALVE COMPL.

085266 ET-PAKET FÜR BÜRKERT-VENTIL 1/2"
SPARES PACKAGE FOR BÜRKERT VALVE

085296 ET-PAKET FÜR GEMÜ-VENTIL 1/2"
SPARES PACKAGE FOR GEMÜ VALVE

SCHRÄGSITZVENTIL
SLANTING-SEAT VALVE

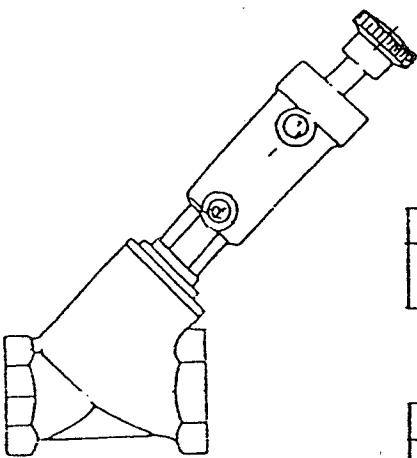


| 2" | 2 1/2" | 3" |
|----------|----------|----------|
| * 169949 | * 166722 | * 166721 |

| 2" | 2 1/2" | 3" |
|--------|--------|--------|
| 193803 | 193804 | 193805 |

ET-PAKET
SPARES-PACKAGE

15



ET-PAKET
SPARES-PACKAGE

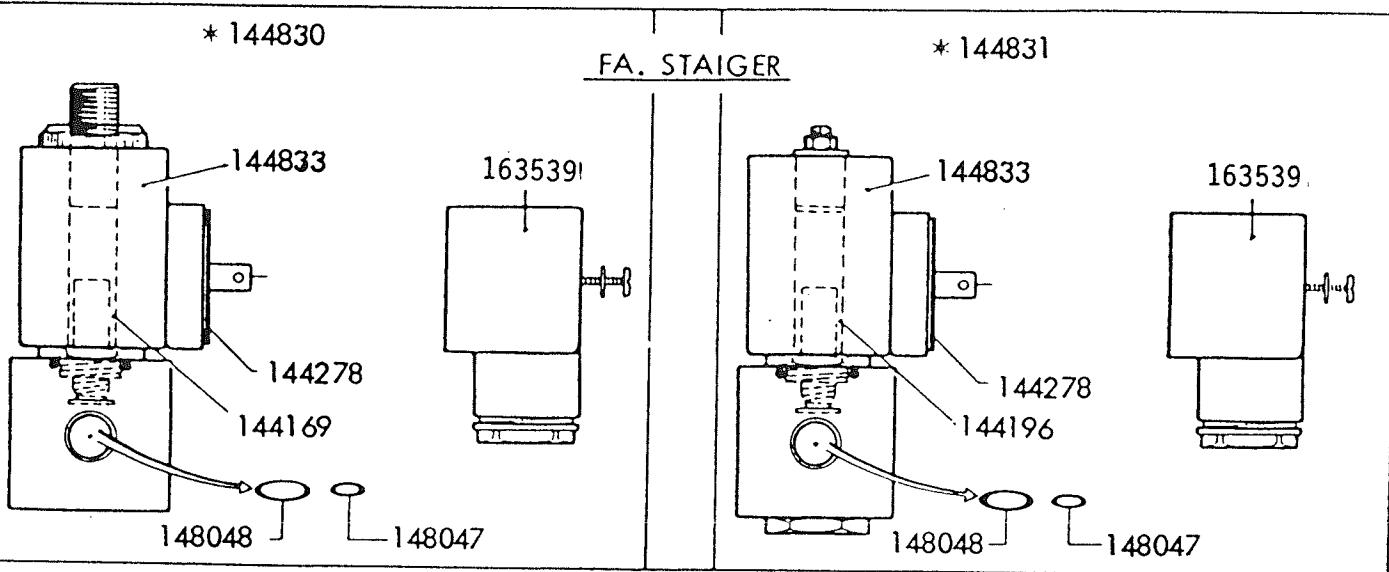
| 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|----------|----------|----------|----------|----------|----------|
| * 013543 | * 109850 | * 139407 | * 109851 | * 164226 | * 161310 |
| + 161105 | | | | | |

| 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------|--------|--------|--------|--------|--------|
| 195975 | 195976 | 195977 | 196044 | 190949 | 190944 |



MAGNETVENTIL

SOLENOID VALVE

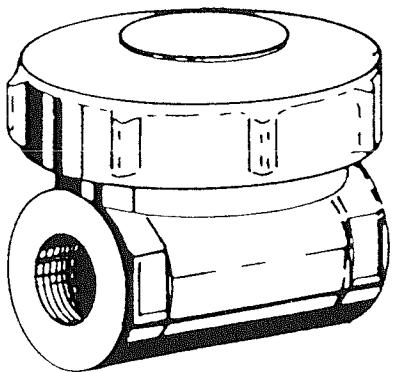


15

BESTELLNUMMER PART NUMBER

BENENNUNG DESIGNATION

| | |
|--------|---|
| 144169 | PLUNGER KOMPL. STROMLOS GESCHLOSSEN PLUNGER COMPL. CLOSED WITHOUT CURRENT |
| 144196 | PLUNGER KOMPL. STROMLOS GEÖFFNET PLUNGER COMPL. OPEN WITHOUT CURRENT |
| 144278 | DICHTUNG GASKET |
| 144830 | MAGNETVENTIL STROMLOS GESCHLOSSEN 24 V GLEICHSTROM SOLENOID VALVE CLOSED WITHOUT CURRENT 24 V DISECT CURRENT |
| 144831 | MAGNETVENTIL STROMLOS GEÖFFNET 24 V GLEICHSTROM SOLENOID VALVE OPEN WITHOUT CURRENT 24 V DISECT CURRENT |
| 144833 | MAGNETSPULE 24 V GLEICHSTROM MAGNET COIL 24 V DISECT CURRENT |
| 148047 | O-RING 7 X 1,5 O-RING |
| 148048 | O-RING 14 X 1,5 O-RING |
| 163539 | GERÄTESTECKER RECEPTABLE |



| BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|------------------------------|--------------------------|
|------------------------------|--------------------------|

| | |
|--------|--|
| 109360 | KONDENSATABLEITER 1/2" TYP BPT 13sx SPIRAX-SARCO KOMPL. CONDENSATE TRAP TYPE BPT 13sx SPIRAX-SARCO COMPL. |
|--------|--|

| | |
|--------|-------------------------------------|
| 165287 | BYMETALL-ELEMENT BIMETAL ELEMENT |
|--------|-------------------------------------|

DURCHGANGSSCHAUGLAS

TUBULAR SIGHT-GLASS

I Dollinger Rumbucher

II Kemper A-C

115637

129238

III

| | $\frac{3}{4}''$ | 1" | $1\frac{1}{2}''$ | 2" | $2\frac{1}{2}''$ |
|---|-----------------|--------|------------------|----|------------------|
| A | I | II | I | II | |
| B | | | | | |
| C | | | | | |
| | III | III | | | |
| | 126241 | 109865 | | | |
| A | | | | | |
| B | | | | | |

PRESSLUFTZYLINDER

PNEUMATIC RAM

KNORR

B A D C

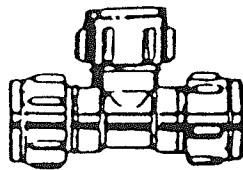
PERMAC

A-C

| | $\frac{3}{4}'' - 1''$ | $1\frac{1}{2}'' - 2''$ | 2" | $2\frac{1}{2}''$ |
|---|-----------------------|------------------------|----|------------------|
| * | | | | 031863 35/66 |
| A | | | | 031863 35/66 |
| B | | | | |
| C | | | | |
| D | | | | |

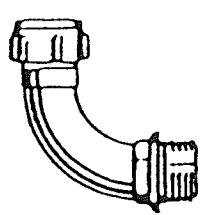
16

| | | | |
|-----|---|--------|--|
| 105 | SCHAUGLAS KOMPLETT 1 1/4" SIGHT-GLASS COMPLETE | 126241 | SCHAUGLAS KOMPL. 3/4" SIGHT-GLASS COMPL. |
| 163 | PRESSLUFTZYLINDER KOMPL. 2 1/2" PNEUMATIC RAM | 129238 | STECKFASSUNG SOCKET |
| 165 | SCHAUGLAS KOMPL. 1" SIGHT-GLASS COMPL. | 142035 | ET-PAKET FÜR KNORR-ZYLINDER 35/66 ET-SPARES FOR KNORR RAM 35/66 |
| 137 | GLÜHLAMPE 24 V 3 W BULB | 142036 | ET-PAKET FÜR PERMAC-ZYLINDER 35/66 ET-SPARES FOR PERMAC RAM 35/66 |



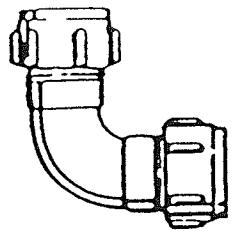
Verschraubung T-Stück
T iron

22 x 22 x 22 SN 155759
28 x 28 x 28 SN 155760
42 x 42 x 42 SN 160839
35 x 35 x 35 SN 163702



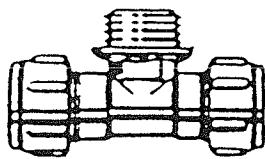
Einschraubbogen
Threaded elbow

18 x 1/2" SN 156628
22 x 3/4" SN 155743
28 x 1" SN 155744
35 x 1 1/4" SN 163828



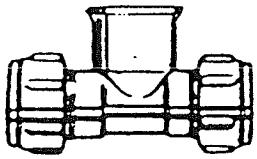
Bogen
Elbow

22 x 22 SN 155717
28 x 28 SN 155718
35 x 35 SN 163704



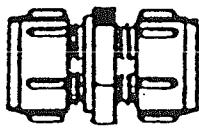
Einschraub-T-Stück
Threaded T iron

22 x 1/2" x 22 SN 155766
22 x 3/4" x 22 SN 155767
28 x 1" x 28 SN 155854



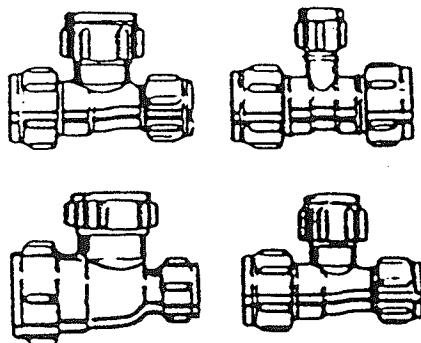
Muffen-T-Stück
Sleeve iron

28 x 3/4" x 28 SN 155772
28 x 1/2" x 28 SN 161249



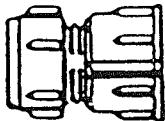
Gerade Verschraubung
Straight union

15 x 15 SN 156554
12 x 12 SN 161388
18 x 18 SN 153578
22 x 22 SN 153580
28 x 22 SN 153581
28 x 28 SN 153582
42 x 42 SN 160765
54 x 54 SN 160764



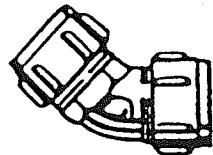
Reduziertes T-Stück
Reduced T iron

15 x 12 x 15 SN 157853
18 x 18 x 15 SN 156602
18 x 15 x 15 SN 161246
22 x 15 x 22 SN 156629
22 x 28 x 22 SN 157857
28 x 22 x 22 SN 157855
28 x 22 x 28 SN 157856
28 x 28 x 22 SN 157858
28 x 15 x 28 SN 161245
28 x 28 x 15 SN 163701



Muffen-Verschraubung
Sleeve union

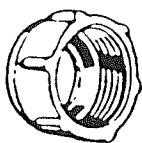
15 x 1/2" SN 155687
15 x 3/4" SN 155688
22 x 1/2" SN 155691
22 x 3/4" SN 155692
22 x 1" SN 155693
28 x 3/4" SN 155694
28 x 1" SN 155695



Winkel-Verschraubung 4
Elbow

28 x 28 SN 155714

KLEMMRING-VERSCHRAUBUNGEN
CLAMPING RING UNIONS



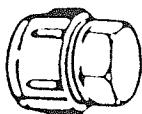
Überwurfmutter
Clamping nut

| | | |
|----|----|--------|
| 12 | SN | 153568 |
| 15 | SN | 153569 |
| 18 | SN | 153570 |
| 22 | SN | 153571 |
| 28 | SN | 153572 |



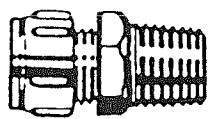
Klemmring
Clamping ring

| | | |
|----|----|--------|
| 12 | SN | 153573 |
| 15 | SN | 153574 |
| 18 | SN | 153575 |
| 22 | SN | 153576 |
| 28 | SN | 153577 |



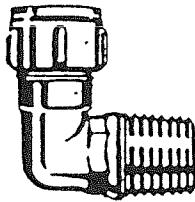
Verschlußstück
Screw cap

| | | |
|----|----|--------|
| 12 | SN | 155697 |
| 15 | SN | 155698 |
| 18 | SN | 155699 |
| 22 | SN | 155701 |
| 28 | SN | 155702 |



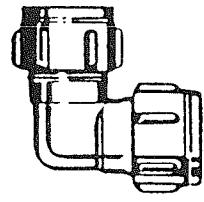
inschraubverschraubung
on. Rohrgewinde
pipe union conical
pipe thread

| | | |
|-----------|----|--------|
| 15 x 1/2" | SN | 153595 |
| 18 x 1/2" | SN | 155681 |
| 22 x 3/4" | SN | 155683 |
| 22 x 1" | SN | 155684 |
| 28 x 3/4" | SN | 155685 |
| 28 x 1" | SN | 155686 |



Einschraubwinkel
konisch
Threaded angle
conical

| | | |
|-----------|----|--------|
| 12 x 3/8" | SN | 155732 |
| 15 x 3/8" | SN | 155734 |
| 15 x 1/2" | SN | 155735 |
| 18 x 1/2" | SN | 155738 |
| 22 x 3/4" | SN | 155739 |
| 28 x 1" | SN | 155741 |



Winkel-Verschraubung
Elbow

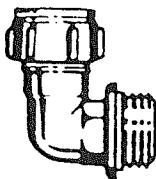
| | | |
|---------|----|--------|
| 12 x 12 | SN | 155703 |
| 15 x 15 | SN | 155706 |
| 18 x 18 | SN | 155708 |
| 22 x 15 | SN | 155709 |
| 22 x 22 | SN | 155710 |
| 28 x 22 | SN | 155711 |
| 28 x 28 | SN | 155712 |
| 28 x 15 | SN | 163777 |

17



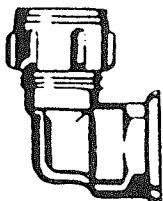
Einschraub-
verschraubung
Pipe union

| | | | |
|-----|--------|----|--------|
| 0 x | 1/2" | SN | 161250 |
| 2 x | 3/8" | SN | 153583 |
| 2 x | 1/2" | SN | 153584 |
| 5 x | 3/8" | SN | 153585 |
| 5 x | 1/2" | SN | 153586 |
| 8 x | 1/2" | SN | 153587 |
| 8 x | 3/4" | SN | 156601 |
| 2 x | 1/2" | SN | 153588 |
| 2 x | 3/4" | SN | 153589 |
| 8 x | 1" | SN | 153590 |
| 8 x | 3/4" | SN | 153591 |
| 8 x | 1" | SN | 153592 |
| 2 x | 1 1/2" | SN | 160763 |
| 5 x | 1" | SN | 163703 |
| 5 x | 1 1/4" | SN | 163755 |



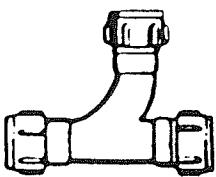
Einschraubwinkel
Threaded angle

| | | | |
|------|--------|----|--------|
| 12 x | 3/8" | SN | 155719 |
| 12 x | 1/2" | SN | 155720 |
| 15 x | 3/8" | SN | 155721 |
| 15 x | 1/2" | SN | 155722 |
| 18 x | 1/2" | SN | 155724 |
| 22 x | 1/2" | SN | 155726 |
| 22 x | 3/4" | SN | 155727 |
| 28 x | 3/4" | SN | 155729 |
| 28 x | 1" | SN | 155730 |
| 35 x | 1 1/4" | SN | 163699 |



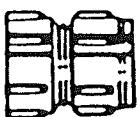
Muffenwinkel
Sleeve angle

| | | | |
|------|--------|----|--------|
| 15 x | 1/2" | SN | 155748 |
| 18 x | 1/2" | SN | 155750 |
| 22 x | 1/2" | SN | 155752 |
| 22 x | 3/4" | SN | 155753 |
| 22 x | 1" | SN | 155754 |
| 28 x | 3/4" | SN | 155755 |
| 28 x | 1" | SN | 155756 |
| 35 x | 1 1/4" | SN | 163700 |

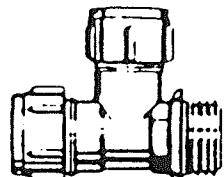


T-Stück mit einem
gebogenen Abzweig
T iron with curved branch

22 x 22 x 22 SN 155762
28 x 28 x 28 SN 155763
35 x 35 x 35 SN 163829

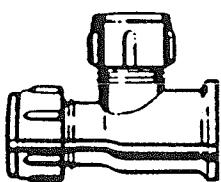


Muffen-Verschraubung
mit kurzem Innengewinde
Sleeve union bush with
short inside thread



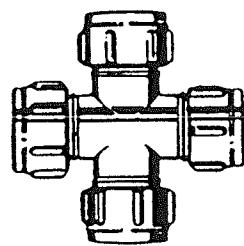
Einschraub-T-Stück
Threaded iron

15 x 15 x 1/2" SN 1557
22 x 22 x 3/4" SN 1557
22 x 22 x 1" SN 1557



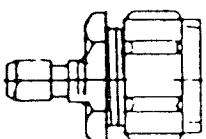
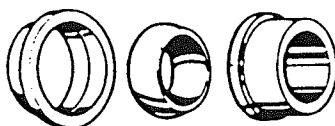
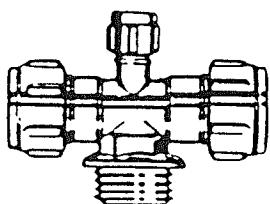
Muffen-T-Stück
Sleeve iron

22 x 22 x 1/2" SN 155778
28 x 28 x 1/2" SN 161244
28 x 28 x 1" SN 155902



Kreuzstück
Crosspiece

22 x 22 x 22 x 22 SN 1559
28 x 28 x 28 x 28 SN 1637



Einschraub-T-Stück
Threaded T iron

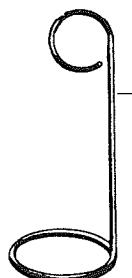
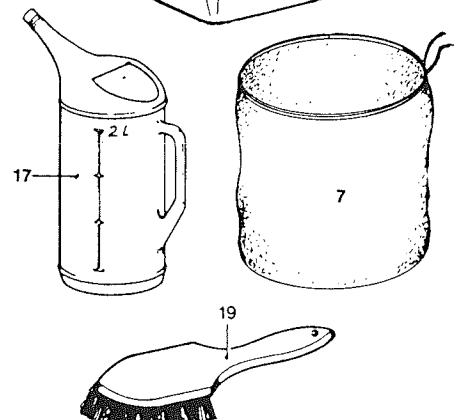
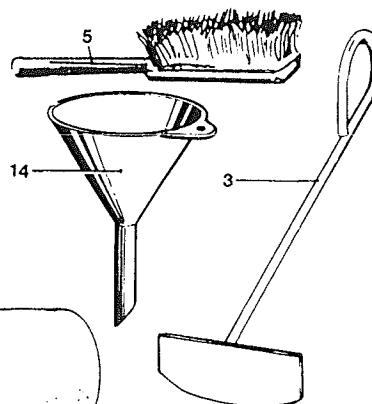
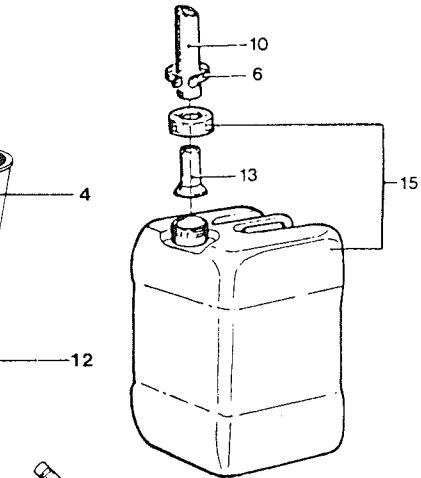
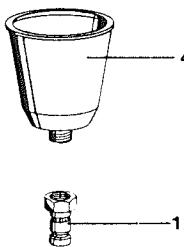
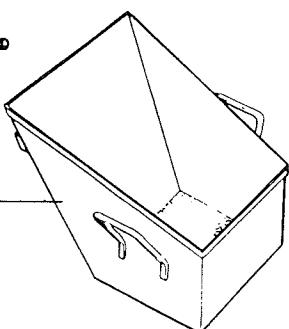
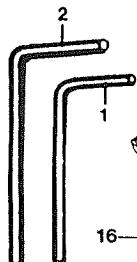
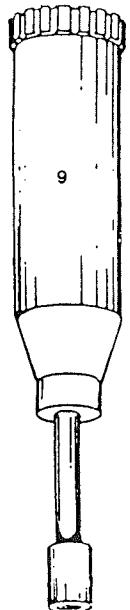
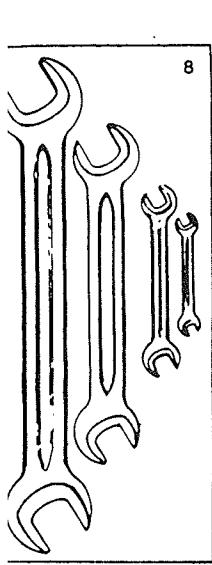
22 x 3/4" x 1/8" SN 157912

Reduzierringe
Reducing washers

28 x 22 SN 160837

Gerade Verschraubung
Straight union

22 x 1/8" SN 157911



18

| BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION | POS. ITEM | BESTELLNUMMER PART NUMBER | BENENNUNG DESIGNATION |
|------------------------------|--|--------------|------------------------------|--|
| 002018 | SECHSKANTSCHLÜSSEL 5 mm HEXAGON WRENCH | 12 | 166348 | STECKNIPPEL PLUG-IN NIPPLE |
| 002019 | SECHSKANTSCHLÜSSEL 6 mm HEXAGON WRENCH | 13 | 128979 | ROHRSTUTZEN PIPE SOCKET |
| 018562 | KRATZER SCRAPER | 14 | 129617 | TRICHTER FUNNEL |
| 166327 | EINFÜLLTRICHTER FILLING FUNNEL | 15 | 129243 | WASSERBEHÄLTER WATER CONTAINER |
| 032551 | STIELBÜRSTE BRUSH | 16 | 139455 | AUSRÄUMWANNE CLEAN-OUT THROUGH |
| 045650 | SCHLAUCHSCHELLE HOSE CLAMP | 17 | 148109 | MESSBECHER MEASURING CUP |
| 103546 | FILTERPULVERSACK FILTER POWDER BAG | 18 | 164387 | FLUSENFILTER-TUCH LINT FILTER STRAINING CLOTH |
| 053196 | DOPPELMAUL-SCHLÜSSEL DOUBLE-HEAD WRENCH | 19 | 161478 | STIELBÜRSTE BRUSH |
| 074173 | FETTPRESSE GREASE GUN | -- | 148236 | INDIKATORPAPIER INDICATOR PAPER |
| 078523 | SCHLAUCH 16 X 2,5 mm HOSE | -- | 148324 | REGENERIERPULVER REGENERATING POWDER |
| 166423 | EINSCHUBBÜGEL PUSH-IN TOOL | | | |



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