

MOTORENFABRIK
HATZ K.G.
RUHSTORF/ROTT

Telephone: (08531) 322-326
Telex: 057260

HATZ
DIESEL

SPARE PARTS LIST

for
HATZ-Diesel engines
aircooled

Engine types

ES 71	ES 75	ES 79	ES 780	ES 785
E 71	E 75	E 79	E 780	E 785

8399 Ruhstorf-Rott Railway station: Ruhstorf
Postfach 12/13 Cables: Hatzmotor Ruhstorfadrott

HATZ-Service

Europe



BELGIEN - BELGIUM - BELGIQUE - BELGIO - BELGICA

Waremmé

* Import Moes S.P.R.L.
Chaussée Romaine
Waremmé
Tel.: (019) 324.96
Cables: Impormoes
Waremmé

DANEMARK - DENMARK - DANEMARK - DANIMARCA - DINAMARCA

Taastrup

* Dansk WimeX A/S
Kogevej 32
2630 Taastrup
Tel.: (01) 99 60 66
Telegr.: WimeXdan

ENGLAND - GREAT BRITAIN - ANGLETERRE - INGHILTERRA - INGLATIERRA

Earl Shilton

* The Tooley Elektro Mechanical
Co. Ltd.
Church Street
Earl Shilton — Leicester
04-55 — 4 20 91/2

NORTHERN IRELAND

Belfast

Robert Craig & Sons
(Engineering) Ltd.
Great George's Street
Belfast — Ireland
02 32-3 29 71

EIRE

Dublin

Beaver Engineering Ltd.
Naas Road
Clondalkin
Dublin — Eire
Dublin
59 27 81/59 24 06

FINNLAND - FINLAND - FINLANDE - FINNLANDIA - FINNLANDIA

Helsinki

* Hanke Oy
Levytie 4
Helsinki 80
Tel.: 780 633
Telex: 12-1333
Cables:
Hanke Sf. Helsinki

* Representation

HATZ - Service

Europe



BELGIEN - BELGIUM - BELGIQUE - BELGIO - BELGICA

Wareme	* Import Moes S.P.R.L. Chaussée Romaine Wareme	Tel.: (019) 324.96 Cables: Impormoes Wareme
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D'ANEMARK - DENMARK - DANEMARK - DANIMARCA - DINAMARCA

Taastrup	* Dansk Wimec A/S Kogevej 32 2630 Taastrup	Tel.: (01) 99 60 66 Telegr.: Wimecxdan
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ENGLAND - GREAT BRITAIN - ANGLETERRE - INGHILTERRA -
INGLATIERRA

Earl Shilton	* The Tooley Elektro Mechanical Co. Ltd. Church Street Earl Shilton — Leicester	04-55 — 4 20 91/2
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NORTHERN IRELAND

Belfast	Robert Craig & Sons (Engineering) Ltd. Great George's Street Belfast — Ireland	02 32-3 29 71
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EIRE

Dublin	Beaver Engineering Ltd. Naas Road Clondalkin Dublin — Eire	Dublin 59 27 81/59 24 06
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FINNLAND - FINLAND - FINLANDE - FINNLANDIA - FINNLANDIA

Helsinki	* Hanke Oy Levytie 4 Helsinki 80	Tel.: 780 633 Telex: 12-1333 Cables: Hanke Sf. Helsinki
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FRANKREICH - FRANCE - FRANCE - FRANCIA - FRANCIA	
Aulnay-sous-Bois	**Société Hatz-France 9-13, rue Henri Becquerel Zone Industrielle 93-Aulnay-sous-Bois
	929.58.46 Telex: 60 007
GRIECHENLAND - GREECE - GRECE - GRECIA - GRECIA	
Thessaloniki	* A. Apostolidis & Co. AG Maschinenfabrik u. Giesserei Kleindieselmotorenfertigung Industrial Area Sindos Thessaloniki
	Tel.: 98211/13/15
ISLAND - ICELAND - ISLANDE - ISLAND - ISLANDIA	
Reykjavik	* Landssmidjan Purchasing Department Reykjavik
	Tel.: 20680 (10 Lines) Cables: Landssmidjan
ITALIEN - ITALY - ITALIE - ITALIA - ITALIA	
Milano	Loro & Parisini Via Savona 129 Milano
	Tel.: 470.1.1-470.134 (15 Lines) Magutt-Milano Telex: 32 407
JUGOSLAWIEN - JUGOSLAVIA - YUGOSLAVIE - JUGOSLAVIA - YUGOESLAVIA	
Beograd	* Radio-Elektro Makedonska 18 P.O. Box 300 Beograd
	Tel.: 24-376 telex: 11-570 Telegramm: RADIO ELEKTRO, Beograd
LUXEMBURG - LUXEMBURG - LUXEMBOURG - LUXEMBOURG - LUXEMBURGO	
Waremme/Belgien	* Import Moes S.P.R.L. Chausée Romaine Waremme
	Tel.: (019) 324.96 Cables: Impormoes

* Representation
** Factory branch

NIEDERLANDE - NETHERLANDS - PAYS-BAS - OLANDA - PAISES BAJOS	
Culemborg	**Hatz Nederland N. V. Postbus 55 Anthonie van Diemenstraat 38 Culemborg
	Tel.: (03450) 4147 Telex: 0044/4 77 87
NORWEGEN - NORWAY - NORVEGE - NORVEGIA - NORVEGA	
Oslo	* Larsen & Valebrokk A/S Postboks 250 Fyrstikkalléen 19 Oslo 6
	Tel.: 67 65 92-93 Cables: Nortrade
PORTUGAL - PORTUGAL - PORTUGAL - PORTOGALLO - PORTUGAL	
Porto	* Ed. Ferreirinha & Irmao, Lda. Rua da Boa Nova 125/163 Caixa postal 44, Porto
	Tel. 25571/2 Cables: Edfir-Porto Telex: 2322
SCHWEDEN - SWEDEN - SWEDE - SVEZIA - SUECA	
Stockholm-Bandhagen	* T. Lindstam A.B. Harpundsvägen 201 Postbox 31 S 124 21 Bandhagen 1
	Tel. 472575 Telex: 1848 ü/oslönwright stockholm
SCHWEIZ - SWITZERLAND - SUISSE - SVIZZERA - SUIZA	
Zürich	**Motorenfabrik Hatz AG Zweigniederlassung Zürich Badener Straße 617 CH 8048 Zürich
	Tel.: 051/520965 543290 Telegr.: Hatzmotor, Zürich Telex: 54055
SPANIEN - SPAIN - ESPAGNE - SPAGNA - ESPANA	
Figueras (Gerona)	* Société Industrias FITA San Lazaro 54
	Tel. 241 300

* Representation
** Factory branch

HATZ-Service



Africa

TURKEI - TURKEY - TURQUIE - TURCHIA - TURCIA
Gaziosmanpasa-Istanbul
 * Pancar-Motor
 Sanayi ve Ticaret T.A.S.
 Yassiviran Asfalti Uzerinde
 Gaziosmanpasa-Istanbul
 Tel.: 212139
 Telegr.: Pancarmotor

Due to space reasons this list is not complete.
Please request our „HATZ all over the world“ brochure.
This brochure includes 250 HATZ Service stations spread all over the world.

ATHIOPIEN - ETHIOPIA - ETHIOPIE - ETIOPIA - ETIOPIA
Addis Ababa
 * Leon's Mercantile
 Leon K. Erzingatzian
 Abuna Petros Street
 P.O.B. 249,
 Addis Ababa
 Tel.: 14553
 Cable: Lerzingatzian
 Addis Ababa

ALGERIEN - ALGERIA - ALGERIE - ALGERIA - ARGELIA
Alger
 * Sté. Dieselec
 Rue Louis de Bourmont
 Hussein-Dey,
 Alger
 77 26 47/77 29 59
 Dieselec-Alger

ANGOLA - ANGOLA - ANGOLA - ANGOLA - ANGOLA
Luanda
 * Sotecma-Sociedade (Técnica)
 A. Cardoso de Matos Lda.
 Rua Cuarte Pacheco Pereira,
 Luanda
 PBX 4101/4102
 Sotecma luanda

Botswana
 Everglo Electric Co.
 P.O.Box 255
 Francistown
 Tel.: 269

ELFENBEINKÜSTE - IVORY COAST - COTE-D'IVOIRE - COSTA-D'AVORIO - COSTADE MARFIL
Abidjan
 * Sté. ABI
 P.B. 343
 Abidjan
 35 64 60
 35 53 60

GABON - GABUN - GABON - GABON
Libreville
 SO. GA. TOL
 B.P. 706
 Libreville
 Tel.: 34-77
 telex 5259 GAB

GUINEA - GUINEA - GUINEE
Dakar
 Ets. Freysseline & Fils
 B.P. No. 1143
 Rond-Point-Autoroute-
 Lamine Gueye
 Dakar
 Tel.: 369-99
 Cables: Freysseline Dakar
 Telex 419

KAMERUN - CAMEROUN - CAMEROUN - CAMERUN
Douala * Sté Socomi 43-14 et 36-84
Boite Postale 609
Douala
Telex: 272

KANARISCHE INSELN - CANARI ISLANDS - ILES CANARIES - ISOLE CANARIE - ISLAS LAS CANARIAS
Las Palmas Enrique Siemens 220411-215473
Sucésor L. Siemens
Apartado 259
Las Palmas de Gran Canaria
Telex: 95149
Cable: Siemens-
Las Palmas

Santa Cruz * Enrique Siemens 242733-246117
Sucésor E. Siemens
Apartado 127
Santa Cruz de Tenerife
Telex: 92132
Cable: Siemens,
Santa Cruz
de Tenerife

LIBYEN - LIBYA - LIBYE - LIBIA - LIBIA
Benghazi Moh. Feitury Organisation
Fuwhat Ring Road
P.O.Box 3010/279
Benghazi
Tel.: 5404
Cable:
Feitury Co
Benghazi

MALAWI
Blantyre Everglo Electric
Company
P.O.Box 598
Tel.: 30372

MALI
Ets. Freysseline & Fils
B.P.No. 1143
Rond-Point Autoroute-
Lamine Gueye
Freysseline Dakar
Tel.: 369-99
Cables:
Freysseline Dakar
Telex: 419

MAROKKO - MAROC - MAROCCO - MARRUECOS - MARUECO
Casablanca * Somatel 608-41
68, rue Mohamed Diouri
Casablanca
Cable: Somatel-
Casablanca
Telex: 21835

* Representation

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MAURETANIEN

Ets. Freysseline & Fils
B.P.No. 1143
Rond-Point Autoroute-
Lamine Gueye
Dakar
Tel.: 369-99
Cables:
Freysseline Dakar
Telex: 419
Freysseline SG

MOCAMBIQUE - MOCAMBIQUE - MOZAMBIQUE - MOZAMBIQUE - MOZAMBIQUE
MOZAMBIQUE

Lourenco Marques * Soc. Africana de SAFRIMEX 5156
Importacao e Exportacao, Lda.
Caixa postal 1859,
Lourenco Marques
Safrimex L.M.

RHODESIEN

Salisbury Engine Spares & Accessories
(PVT) Ltd.
Sara House
Hatfield Road
Salisbury
Tel.: 661036
Cable:
MOTORMIKE

SAO TOME - SAO TOME - SAO TOME - SAO TOME - SAO TOME
Sao Tome * L. Batista
Caixa Postal 76
Sao Tome

SUDAFRIKA - SOUTH AFRICA - AFRIQUE DU SUD - AFRICA - AFRICA DEL SUR

Johannesburg * Industrial Diesels (Pty) Ltd.
P.O.Box 6036
Johannesburg
Cable: Indunits
Tel.: 21-2144
Telex: 43-7772
Cape Town Industrial Units
(Cape) (Pty.) Ltd.
P.O.Box 1755
Cape Town
Tel.: 51-3375
Cable: Indunits
Telex: 5-7252

Rosburgh
NATAL

Durban Diesels (Pty.) Ltd.
P.O.Box 41
176, South Coast Road
Rosburgh
Tel.: 815737
Cable:
MOTORMIKE
Rosburgh

* Representation

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HATZ - Service



America

BOLIVIEN - BOLIVIA - BOLIVIE - BOLIVIA - BOLIVIA La Paz	* Importadora Zbindeny Cia. S.A. Calle Jenaro Sanjines No. 348 La Paz	2-3225
BRASIL IEN - BRAZIL - BRESIL - BRASILE - BRASIL Caxias do Sul-RGS	* Agrale S.A. Tratores e Motores Cx. Postal, 360 Rua Sarmento Leite, 488 Caxias do Sul-RGS.	213883 e 211031 Cable: Agrale
CANADA - CANADA - CANADA - CANADA - CANADA - CANADA Alberta	Mumford Medland Ltd. 5711 6th Street, S.E. Calgary	
	Mumford Medland Ltd. 10809 — 105th Avenue Edmonton	
British Columbia	Pacific Engines & Equipment Ltd. 40 East Cordova Street Vancouver 4	
Manitoba	Mumford Medland Ltd. 576 Wall Street Winnipeg 10	
New Brunswick	Consolidated Engines & Machinery Co. Ltd. P.O.Box 848 Moncton	
Newfoundland	Seaboard GM Diesel Ltd. 710 Windmill Road Dartmouth, Nova Scotia	

* Representation 11

Port Elisabeth	Industrial Units (Pty.) Ltd. P.O.Box 3470 Port Elizabeth	Cable: Indunits
SUD-WEST-AFRIKA - SOUTH WEST AFRICA - SUD-WEST-AFRICA Windhoek	* South West Engineering Company (Pty.) Ltd. 186, Jan Jonkerweg Ausspannplatz P.O.B. 5052 Windhoek	Tel.: 2463 Telex: 48-707 Telegr. Swenco
TUNES IEN - TUNESIA - TUNESIE - TUNESIA - TUNEZ Tunis	* Sté SO TU MO S.A. Société Tunisienne des Moteurs 2, rue Charles-de-Gaulle Tunis	Tel.: 245519 u. 249995
REPUBLIQUE DU ZAIRE Kinshasa	Bureau Technique BIA S.P.R.L. B.P. 8843 Route Trafic-Lourd-Limete Kinshasa 1	Tel.: 77797-98 Cable: BIA-Kinshasa Telex: 275 BIA-KIN
ZENTRAL-AFRIKANISCHE REPUBLIK - CENTRAL AFRICAN REPUBLIC - REPUBLIQUE CENTRE-AFRIQUE (R.C.A.) - REPUBLICA CENTRAL DEL AFRICA Bangui	* Oubangui-Automobile B.P. 1379 Bangui	telex: Banguoto 5230 Adr. télégraphique Banguiauto-Bangui

* Representation 10

Nova Scotia	Seaboard GM Diesel Ltd. 710 Windmill Road Dartmouth				COSTA RICA - COSTA RICA - COSTA RICA - COSTA RICA - COSTA RICA San Jose
Ontario	Ontario Diesel Ltd. Box 115 80 Federal Road Welland	Tel.: 735/0282 Telex: 21-5152			* Electro Mercantil Ltda. Apartado 10.091 San Jose, C.A. 216788 Elmerc Sanjose Costa Rica Telex: 222
Prince Edward Is.	Consolidated Engines & Machinery Co. Ltd. P.O.Box 848 Moncton, New Brunswick				ECUADOR - ECUADOR - EQUATEUR - ECUADOR - ECUADOR Guayaquil
Quebec	Consolidated Engines & Machinery Co. Ltd. 8550 Delmeade Road, Town of Mount Royal Montreal 9				* Cia. Comercial Pan-Americana C.A. General Cordova No. 918—922 Apartado 4964 Guayaquil 13089 Cable: Panamericana Guayaquil
Saskatchewan	Mumford Medland Ltd. 1250 St. John Street Regina				EL SALVADOR - EL SALVADOR - EL SALVADOR - EL SALVADOR - EL SALVADOR EL SALVADOR San Salvador
	Mumford Medland Ltd. 1729 Ontario Avenue Box 1525 Saskatoon				* TEMSA Tecnico Mercantil, S.A. Calle Ruben Dario y 9a Av. sur. Apartado 1201 San Salvador Tel.: 21-9114 Telegr.: temsa
CHILE - CHILE - CHILI - CILE - CHILE Santiago de Chile	* Emasa Equipos y Maquinarias S.A. Avenue San Eugenio, 68 Santiago de Chile	490594-495065 chilemasa			GUATEMALA - GUATEMALA - GUATEMALA - GUATEMALA - GUATEMALA GUATEMALA Ciudad de Guatemala
COLUMBIEN - COLUMBIA - COLUMBIE - COLUMBIA - COLUMBIA Barranquilla	* General Sales Corp. Ltda. Calle 37 No. 46—03 Airmail Box 395, P.O.Box 519	12-501 Cable: Maeco			* TEMSA Tecnico Mercantil, S.A. 8a Av. sur 15 — 16 Zona 1 Apartado 659 Guatemala Ciudad Telegr.: Temerca Tel.: 24457
					GUAYANA - GUAYANA - GUAYANA - GUAYANA - GUAYANA Georgetown
					* Wieting & Richter, Ltd. P.O.V. 473 Waterstreet Georgetown

HONDURAS - HONDURAS - HONDURAS - HONDURAS - HONDURAS		
San Pedro Sula	* Cia. Comercial Curaçao de Honduras S.A. Apartado 62 San Pedro Sula	
Tegucigalpa	Compania Comercial Curaçao de Honduras S.A. Apartado 353 Tegucigalpa	20141 curtrading tegucigalpa/ honduras
JAMAICA - JAMAICA - JAMAICA - JAMAICA - JAMAICA		
Kingston	* Antilles Trading Co Ltd. 2, Asenheim Rd. B.O.B. 70 Kingston 11 W.I.	3911 Antraco
MEXICO - MEXICO - MEXIQUE - MESSICO - MEXICO		
Mexico 1. D.F.	Motores de Combustion Interna Wisconsin S.A. Ave. Juarez No. 157	
PERU - PERU - PEROU - PERU - PERU		
Lima	* Gordon Ingenieros Maquinaria Tnte, Alfredo Franco, 282 Lima — URB. Chama	456612
PUERTO RICO - PUERTO RICO - PUERTO RICO - PUERTO RICO - PUERTO RICO		
San Juan	Motorcentro Destero Inc. G.P.O. 3707 San Juan	Tel.: 725-7513
SURINAM - SURINAM - SURINAME - GUAYANA HOLANDESA - GUAYANA HOLANDESA		
Paramaribo	* Curacaosche Handel — Maatschappij (Suriname) N.V. Postbus 1819 Paramaribo	Tel.: 4343 curtrading paramaribo/ suriname

* Representation

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USA - USA - USA - USA - USA

Wisconsin

Tel.: 414-384-5800
Telex: 26629

* Teledyne Wisconsin Motor
1910 South 53 rd Street
Milwaukee/Wisconsin 53246

Wisconsin

Wisconsin
53225

Engine Power Inc.
11811 W. Silver Spring Drive
Milwaukee

Wyoming

Wisconsin
53246

Engine Power Inc.
11811 W. Silver Spring Drive
Milwaukee

Colorado
80216

Central Equipment Company
4477 Garfield
Denver

Montana
59101

Midland Implement Company
Inc.
P.O.Box 2533
Billings

Utah
84110

Arnold Machinery Company
Inc.
433 West Second South Street
Salt Lake City

VENEZUELA - VENEZUELA - VENEZUELA - VENEZUELA - VENEZUELA

Caracas

Tel.: 493028
Teleg.:
Bevrel Caracas

* M.P.O.
Marquinarias Para Obras S.A.
Apartado 51 237
Sabana Grande
Caracas 106

Porlamar

Diaz y Rodriguez
La Comercial Azul
Calle Meneiro
Porlamar

* Representation

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HATZ - Service

Asia



CYPRN - CYPRUS - CHYPRE - CIPRO - CHIPRE
Nicosia

* Chr. Mavromatis & Sons Ltd.
55, Aeschylus Street
P.O.Box 1683
Nicosia
Tel.: 63685, 65468
Telex: 2363
Cable: Promitheus
Nicosia

INDIEN - INDIA - INDE - INDIA - INDIA
New Dehli

* Goodearth Engines Pvt. Ltd.
16 A, Asaf Ali Road
P.O.B. 668
New Dehli 1

INDONESIEN - INDONESIA - INDONESIA - INDONESIA - INDONESIA
Djakarta

* Heinrich Petersen & Co.
Representing Office Djarkarta
Tromol Pos. 208
Djl. Tandjung Nr. 2 a
Djakarta
Tel.: 47 860
Telex: 011-4367

IRAN - IRAN - IRAN - IRAN - IRAN
Teheran

* Shoreh Trading Co. Ltd.
188 Eisenhower Avenue
Eskandari Cross Road
P.O.Box 2290
Theran — 13
Telegr.: Polkar Teheran
Telex: 2763
Tel.: 950379 959120

ISRAEL - ISRAEL - ISRAEL - ISRAEL - ISRAEL
Tel-Aviv

* Thurnheim & Sons, Ltd.
Engineering Office
12, Lincoln Street
P.O.Box 20008
Tel-Aviv
624708
613052
Cable: Technokrat
Tel-Aviv — Yaffo

JAPAN - JAPAN - JAPON - JAPON - JAPON
Tokio

* Western Trading Co. Ltd.
4 — 6 Roppongi
2 — Chome
Minato-Ku
Tokio
(583) 2111
Telex: Westraj
0242-2422
Cable: Westra

* Representation

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Kuwait

* Al Sedan Trading Co. W.L.L.
P.O.Box 8344
Salmieh
Kuwait
Arabian Gulf
Tel.: 814581
Cable: COPRICO

LIBANON - LEBANON - LIBAN - LIBANO - LIBANO
Beirut

* Itani & Shihab Trading Co.
Patriarche Hoyek Street
Khan — Antoun Bey
Beirut
249432
Istraco

MALAYSIA

Kuala Lumpur

F. E. Zuellig (M) Sdn. Bhd.
P.O.Box 251
Kuala Lumpur
Tel.: 52385-7

Singapore

F. E. Zuellig (Trading) Pte. Ltd.
Denmark House
P.O.Box 725
Singapore 1
Tel.: 983261-9

PAKISTAN - PAKISTAN - PAKISTAN - PAKISTAN - PAKISTAN
Hyderabad

* Sind Chemical & General
Industries Ltd.
Hanger No. 1
S.I.T.E. Kali Road
P.O.Box 151
Hyderabad
3760

PHILIPPINEN - PHILIPPINES - PHILIPPINES - FILIPPINE - FILIPINAS
Manila

* Schmied and Oberly, Inc.
P.O.Box 1916
Tel.: 3-37-38/3-84-56
Cable: Sando

SAUDI ARABIA

Beirut

Gandra International,
Middle East Office,
P.O.Box 1652
Beirut/Lebanon

* Representation

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HATZ - Service

Australia



AUSTRALIEN - AUSTRALIA - AUSTRALIE - AUSTRALIA - AUSTRALIA - AUSTRALIA
Victoria

Norton Villiers Australia
Pty. Ltd.
Gilles Street,
Wenduree, 3355

New South Wales

Norton Villiers Australia
Pty. Ltd.
25 Moxon Road,
Punchbowl, 2196

Queensland

Norton Villiers Australia
Pty. Ltd.
28 Balclava Street,
Woolloongabba, 4102

South Australia

Finsbury Sales & Service (S.A.)
Pty. Ltd.
570 Torrens Road,
Woodville North, 5012

Tasmania

Eric E. Howard & Sons
Pty. Ltd.,
166-170 Murray Street,
Hobart, 7000

Western Australia

Flower Davies & Johnson
Limited
193-195 Great
Eastern Highway
Belmont, 6104

Riyadh

Branch Office:
P.O.Box 1332
Zahrat El-Riyahd Bldg.
Riyadh — Saudi Arabia
Tel.: 20908
Cable: Gandra

SUD VIETNAM

Saigon

* Messrs. Vinimac S.A.
747 (2nd Floor) Tran Hung Dao
Saigon

TAIWAN

Taipei

Hung-Yeh Trading Corp.
67 Chung-King South Rd.
Section I
Taipei
Tel.: 362121

THAILAND - THAILAND - THAILANDE - THAILANDIA - THAILANDIA

Bangkok

* Ithalthai Industrial Co. Ltd.
2149 New Petchburi Road
P.O.Box 342
Bangkok
Tel.: 910012
Telex:
Ithalthai BK 2243

YEMEN ARAB REPUBLIC

Beirut

Gandra International,
Middle East Office,
P.O.Box 1652
Gandour Bldg., Chouran Street
Beirut/ Lebanon
Tel.: 231792, 251314
232839
Cable:
Gandra-Beirut

* Representation

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NEU KALÉDONIEN - NEW CALEDONIA - NOUVEELLE-CALEDONIE -
NUOVA-CALEDONIA - NUEVO CALEDONIA

Nouméa

* ABC-Import

B.P. 617

Nouméa

Nouvelle-Calédonie

Pacifique Sud

20-49

THAITI - THAITI - THAITI - THAITI - THAITI

Papeete

* Sté S.T.I.C.

B.P. 129

Papeete

Tel.: 100 Pirae

Telegr.:

Sticpapeete

HATZ

builds



single-cylinder



two-cylinder



three-cylinder



four-cylinder

Diesel engines

aircooled fourstroke

from 1,5 to 80 HP

When ordering spare parts

Please always indicate:

1. Engine number
2. part/order-no.
3. Designation
4. Quantity

For example: **For engine no. 24 X 928390**

03065500 hand lever for speed control 1 piece

5. Exact address, mentioning railway station

6. Please do not prescribe: "as quick as possible" or "immediately", but "per parcel post", "express", "airmail", or "freight" and "express-freight", etc.

7. In case there is no mode of dispatch indicated, we shall not choose the quickest, but the cheapest one.



Original spare parts

guarantee troublefree repair and operation as well as long engine life!

Exact orders will avoid misunderstanding!

In doubtful cases send us the damaged part!

In guarantee cases, please send us the damaged part!

Guarantee covers cost of damaged parts only.

Repairs will be charged as low as possible.

Price quotations without obligation will be supplied on request.

Repairs and part deliveries only against „cash on delivery“.

In general our normal sales- and delivery terms are applicable.

Ruhstorf/Rott, April st, 1972

Table No.	Item No.	Quote when ordered		Quant. for Type					
		Part-/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780	E 785	
		00339400	GASKET SET.	1	1	-	-	-	-
		00339500	GASKET SET F.CYL.HEAD	1	1	-	-	-	-
		00355200	GASKET SET.	-	-	1	-	-	-
		00355300	GASKET SET F.CYL.HEAD	-	-	1	1	-	-
		00356500	GASKET SET.	-	-	-	1	-	-
		00358900	GASKET SET.	-	-	-	-	1	-
		00359000	GASKET SET F.CYL.HEAD	-	-	-	-	1	-
			CRANKCASE =====						
1	1	00355401	CRANKCASE-SUB-ASSY.	1	1	1	-	-	-
			WITH 1 INSERT BUSH (ENSAT)						
			M10X1F/M14X1,5X18						
			AND ITEM NO.2-6						
1	1	00356703	CRANKCASE-SUB-ASSY.	-	-	-	1	-	-
			WITH 1 INSERT BUSH (ENSAT)						
			M10X1F/M14X1,5X18						
			AND ITEM NO.2-6						
1	1	00359101	CRANKCASE-SUB-ASSY.	-	-	-	-	1	-
			WITH 1 INSERT BUSH (ENSAT)						
			M10X1F/M14X1,5X18						
			AND ITEM NO.2-6						
1	2	03169300	STUD.	1	1	1	1	1	1
1	2	50058600	STUD 8M 6X50.	-	-	-	1	1	1
			(FOR ANTI-VIBRATION DEVICE)						
1	4	50037300	STUD M8X18.	6	6	6	10	10	10
1	5	50037400	STUD M8X18.	3	3	3	3	3	3
1	6	40027600	CIRCLIP J80X2,5V.	1	1	1	1	1	1
1	7	00339600	CAM FOLLOWER BRACKET-SUB-ASSY.	1	1	1	1	1	1
			CONSIST. OF ITEM NOS 7-8,10-11						
1	7	03009100	CAM FOLLOWER BRACKET.	1	1	1	1	1	1
1	8	03009002	CAM FOLLOWER	2	2	2	2	2	2
1	9	03169400	SHIM 0,1) 1 OR 2						
1	9	03169600	SHIM 0,2) NUMBERS						
1	9	03169700	SHIM 0,3) AS						
1	9	03169800	SHIM 0,5) REQUIRED						
1	10	03169800	CAM FOLLOWER SPINDLE.	1	1	1	1	1	1
1	11	50019500	CIRCLIP 12X1	2	2	2	2	2	2
1	12	50057500	ALLEN SCREW M10X1,48	1	1	1	1	1	1
1	13	50002900	SPRING WASHER 10.	1	1	1	1	1	1

Quote when ordered

Quote when ordered

Quant. for Type

Quant. for Type

Table No.	Item No.	Part./Ordering No.	DESIGNATION	Table No.	Item No.	Part./Ordering No.	DESIGNATION	E71	E75	E79	E780	E781
1	14	00300200	SHAFT FOR HANDLEVER SUB-ASSY.	1	1	1	(EXHAUST SIDE)	1	1	1	1	1
			CONSIST. OF ITEM NOS 14 AND 14A									
1	14A	40022300	WASHER 8X12X2	1	1	1	NOTCHED PIN 3X13.	1	1	1	1	1
1	15	03146200	FRICTION DISC	1	1	1	TIGHTENING PIN 3X12	1	1	1	1	1
1	16	03065500	HAND LEVER FOR SPEED CONTROL	1	1	1	NAME PLATE.	1	1	1	1	1
1	17	50010400	FITTING KEY 4X4X10	1	1	1	BLIND RIVET 2.4XK 44130	1	1	1	1	1
1	18	50016900	DISC 10.5	1	1	1	NOTCHED PIN 2.3X6	1	1	1	1	1
1	19	50023800	HEXAGON NUT AM 10	1	1	1	ENGINE BRACKET	1	1	1	1	1
1	20	03008404	GOVERNOR LEVER.	1	1	1	ENGINE BRACKET	1	1	1	1	1
1	21	00557900	SPINDLE WITH ITEM NO 22 - 23A	1	1	1	HEXAGON SCREW M10X30.	1	1	1	1	1
1	22	40022300	WASHER 8X12X2	1	1	1	ALLEN SCREW M10X30	1	1	1	1	1
1	23	50019400	CIRCLIP 8X0.8	1	1	1	SPRING WASHER 10	1	1	1	1	1
1	23A	40031000	CIRCLIP =SEEGER=.	1	1	1	ENGINE FLANGE	1	1	1	1	1
1	24	03194801	GOVERNOR SPRING 2.6 WIRE DIA.	1	1	1	ENGINE FLANGE #)	1	1	1	1	1
			(FOR ENGINES ABOVE				STUD M10X28	1	1	1	1	1
			N=2100-3000 RPM)				DISC 10.5	1	1	1	1	1
1	24	03194902	GOVERNOR SPRING 2.1 WIRE DIA	1	1	1	HEXAGON NUT M10	1	1	1	1	1
			(FOR ENGINES UP TO				CRANKSHAFT UND CONROD					
			N=2100 RPM)				=====					
1	25	03133200	DISC 8.4X13X2	1	1	1	CRANKSHAFT WITH PIPE AND COVER.	1	1	1	1	1
1	26	50036100	SPLINT 2X22	1	1	1	CRANKSHAFT WITH PIPE AND COVER.	1	1	1	1	1
1	27	50014200	GROOVED BALL BEARING 6206	1	1	1	CRANKSHAFT WITH PIPE AND COVER.	1	1	1	1	1
1	28	00307102	DIPSTICK SUB-ASSY	1	1	1	COVER	1	1	1	1	1
			WITH ITEM NO 30				COVER	1	1	1	1	1
1	30	40021700	WASHER 4.5X8.1X1.8.	2	2	2	COUNTER WEIGHT.	2	2	2	2	2
1	32	03169501	THREADED PIN.	1	1	1	COUNTER WEIGHT (FLYWHEEL SIDE).	1	1	1	1	1
1	33	50023200	HEXAGON NUT M8.	1	1	1	COUNTER WEIGHT (GOVERNOR SIDE).	1	1	1	1	1
1	35	03003201	COVER FOR CRANKCASE	1	1	1	COUNTER WEIGHT (GOVERNOR SIDE).	1	1	1	1	1
1	36	40023900	WASHER 100X108X4.	1	1	1	COUNTER WEIGHT (FLYWHEEL SIDE).	1	1	1	1	1
1	37	50026700	HEXAGON SCREW M8X15	4	4	4	ALLEN SCREW M10X50.	4	4	4	4	4
1	38	50002800	SPRING WASHER 8	4	4	4	ALLEN SCREW M10X60.	4	4	4	4	4
1	39	03168901	CAP SCREW	1	1	1	SPRING WASHER 10.	1	1	1	1	1
1	40	40023600	WASHER 33X44X4.	1	1	1	SPACER RING	1	1	1	1	1
1	41	03169103	OIL DRAIN PLUG R1/2=.	1	1	1	BUSH FOR CONROD	1	1	1	1	1
			WITH ARGO-PERMANENT MAGNET				BUSH FOR CONROD	1	1	1	1	1
1	42	50001500	WASHER A 21X26.	1	1	1	BUSH FOR CONROD	1	1	1	1	1
1	43	03169000	COWLING ON COOLING RIBS	1	1	1	CONROD SUB-ASSY	1	1	1	1	1
			(PUMP SIDE)				CONSISTING OF ITEM NOS 8,9-12					
1	43	03169200	COWLING ON COOLING RIBS	1	1	1	CONROD SUB-ASSY	1	1	1	1	1

*) FOR STARTER

Quote when ordered

Quant. for Type

Table No.	Item No.	Part-/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780	E 785
2	9	00357400	CONSISTING OF ITEM NOS 8,9-12	-	-	-	-	-
2	9	00359800	CONROD SUB-ASSY	-	-	-	-	-
2	10	03170400	CONROD SUB-ASSY	-	-	-	-	-
2	11	00431905	CONROD SUB-ASSY	-	-	-	-	-
2	12	03195901	CONROD SUB-ASSY	-	-	-	-	-
2	13	03195700	CONROD SUB-ASSY	-	-	-	-	-
2	13	03201800	CONROD SUB-ASSY	-	-	-	-	-
2	14	50061300	CONROD SUB-ASSY	-	-	-	-	-
2	14	50047900	CONROD SUB-ASSY	-	-	-	-	-
2	14A	50047900	CONROD SUB-ASSY	-	-	-	-	-
2	14	50048100	CONROD SUB-ASSY	-	-	-	-	-
2	14	50048300	CONROD SUB-ASSY	-	-	-	-	-
2	15	03006602	CONROD SUB-ASSY	-	-	-	-	-
2	16	50010000	CONROD SUB-ASSY	-	-	-	-	-
2	17	03006501	CONROD SUB-ASSY	-	-	-	-	-
2	17A	03170001	CONROD SUB-ASSY	-	-	-	-	-
2	18	03004501	CONROD SUB-ASSY	-	-	-	-	-
2	19	03195100	CONROD SUB-ASSY	-	-	-	-	-
2	20	03001001	CONROD SUB-ASSY	-	-	-	-	-
2	20	03100001	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03195200	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03198700	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03201100	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03195300	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03198800	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03201200	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03195400	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03198900	CONROD SUB-ASSY	-	-	-	-	-
2	20A	03201300	CONROD SUB-ASSY	-	-	-	-	-

Quote when ordered

Quant. for Type

Table No.	Item No.	Part-/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780	E 785
2	20A	03195500	SHIM 0,4)	1	1	1	1	-
2	20A	03199000	SHIM 0,4) REQUIRED	-	-	-	-	-
2	20A	03201400	SHIM 0,4)	-	-	-	-	-
2	20A	03195600	SHIM 0,5)	1	1	1	1	-
2	20A	03199100	SHIM 0,5)	-	-	-	-	-
2	20A	03201500	SHIM 0,5)	-	-	-	-	-
2	21	03001601	FOR ENG.E71,E75,E79,E780,E785 =====	1	1	1	1	1
2	22	03169901	SLEEVE	1	1	1	1	1
2	23	50057600	DISC	1	1	1	1	1
2	23	50057700	ALLEN SCREW M12X1,5X25.	1	1	1	1	1
2	23	50057700	ALLEN SCREW M12X1,5X55. (FOR ANTI-VIBRATION DEVICE)	-	-	-	-	-
2	24	00339802	BEARING FLANGE SUB-ASSY	1	1	1	1	-
2	24	00357000	WITH OIL SEAL	-	-	-	-	-
2	24	00359400	BEARING FLANGE SUB-ASSY	-	-	-	-	-
2	24	40033900	WITH OIL SEAL	1	1	1	1	-
2	25	40034100	OIL SEAL 40X52X7/8,5.	-	-	-	-	-
2	26	40023900	OIL SEAL 50X65X8/10	-	-	-	-	-
2	26A	03199200	WASHER 100X108X4.	1	1	1	1	-
2	27	50022900	GASKET FOR BEARING FLANGE	-	-	-	-	-
2	28	03170100	HEXAGON NUT M8.	6	6	6	6	10
2	29	03099403	SECURITY PLATE.	6	6	6	6	10
2	29	03013702	FLYWHEEL	1	1	1	1	-
2	29	03017001	WITH CASTED IN BLOWER	-	-	-	-	-
2	29	03019501	FLYWHEEL	-	-	-	-	-
2	29A	03113000	WITH CASTED IN BLOWER	-	-	-	-	-
2	29B	40035700	BLOWER RING	-	-	-	-	-
2	29C	40027800	ALLEN SCREW M8X35	-	-	-	-	-
2	29C	40027800	CIRCLIP	-	-	-	-	-

*) ITEM NOS. 29 A,B,C REQUIRED

Quote when ordered

Quant. for Type

Quant. for Type

Table No.	Item No.	Quote when ordered		Quant. for Type		Quote when ordered		Quant. for Type	
		Part./Ordering No.	DESIGNATION	E 71	E 75	Part./Ordering No.	DESIGNATION	E 71	E 75
2	30	03013702	FLYWHEEL #1	1	1	50104800	OIL CONTROL RING.	1	-
			HEAVY DESIGN 234 MM DIA.	-	-	50102102	COMPRESSION RING.	-	1
2	30	03009501	FLYWHEEL #1	1	1	50101901	2-FACED COMPR.RING.	-	1
			HEAVY DESIGN 270 MM DIA.	-	-	50102301	OIL CONTROL RING.	-	1
2	30	03009601	FLYWHEEL #1	1	1	50105201	COMPRESSION RING.	-	1
			HEAVY DESIGN 300 MM DIA.	-	-	50105400	2-FACED COMPR.RING.	-	1
2	31	50017800	DISC SPRING 4X6.5	1	1	50105601	OIL CONTROL RING.	-	1
2	31	50018100	DISC SPRING 8X11	-	-	50110100	COMPRESSION RING.	-	1
2	32	03285500	HEXAGON NUT M30X1.5	1	1	50110300	COMPRESSION RING.	-	1
2	32	03285400	HEXAGON NUT M36X1.5	-	-	50106202	OIL CONTROL RING.	-	1
2	33	03198600	SECURITY PLATE.	1	1	50106700	COMPRESSION RING.	-	1
2	33	03200900	SECURITY PLATE.	-	-	50106900	STEPPED SCRAPERING	-	1
2	33A	40019300	NEEDLE BEARING.	1	1	50107100	OIL SCRAPER RING.	-	2
			PISTON =====				CYLINDER =====		
2	34	00354902	PISTON SUB-ASSY	1	-	03014500	CYLINDER	1	-
			WITH RINGS,PIST.PINS,CIRCLIPS	-	-	03000601	CYLINDER	-	1
2	34	00340103	PISTON SUB-ASSY	-	1	03101700	CYLINDER	-	1
			WITH RINGS,PIST.PINS,CIRCLIPS	-	-	03017901	CYLINDER	-	1
2	34	00356000	PISTON SUB-ASSY	-	-	03020201	CYLINDER	-	1
			WITH RINGS,PIST.PINS,CIRCLIPS	-	-	03171600	STUD FOR CYLINDER	4	-
2	34	00357202	PISTON SUB-ASSY	-	-	03200100	STUD FOR CYLINDER	-	4
			WITH RINGS,PIST.PINS,CIRCLIPS	-	-	03203101	STUD FOR CYLINDER	-	4
2	34	00359601	PISTON SUB-ASSY	-	-	03171800	COLLAR NUT.	4	-
			WITH RINGS,PIST.PINS,CIRCLIPS	-	-	03183000	COLLAR NUT.	-	4
2	34A	00572802	PISTON RING-SET	1	-	03171700	DISC.	4	4
2	34A	00571402	PISTON RING-SET	-	1	03194700	COMING FOR CYLINDER.	1	-
2	34A	00573001	PISTON RING-SET	-	-	03006800	COMING FOR CYLINDER.	-	1
2	34A	00573201	PISTON RING-SET	-	-	03013401	COMING FOR CYLINDER.	-	1
2	34A	00573401	PISTON RING-SET	-	-	03015801	COMING FOR CYLINDER.	-	1
2	35	50104300	PISTON PIN.	1	-	03019101	COMING FOR CYLINDER.	-	1
2	35	50101800	PISTON PIN.	-	-	50049800	ALLEN SCREW AM 5X70	1	1
2	35	50108200	PISTON PIN.	-	1	50049600	ALLEN SCREW AM 5X60	-	2
2	35	50106400	PISTON PIN.	-	-	40028200	HEXAGON NUT M5	1	1
2	35	50020600	CIRCLIP 25X1.2	2	2		CYLINDER HEAD =====		
2	36	50020700	CIRCLIP 28X1.2	-	2	00412900	CYLINDER HEAD SUB-ASSY.	1	-
2	36	50020800	CIRCLIP 30X1.2	-	-		CONSISTING OF ITEM NOS.1-40	-	-
2	37	50104402	COMPRESSION RING.	-	-		CYLINDER HEAD SUB-ASSY.	-	-
2	38	50104600	2-FACED COMPR.RING.	1	-	00412503	CYLINDER HEAD SUB-ASSY.	-	1

*) ITEM NOS.29 A,B,C REQUIRED

Quote when ordered			Quote when ordered			Quant. for Type			Quant. for Type		
Table No.	Item No.	Part./Ordering No.	DESIGNATION	Table No.	Item No.	Part./Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780
3	1	00413002	CONSISTING OF ITEM NOS.1-40 CYLINDER HEAD SUB-ASSY.	3	6	50038300	STUD M8X30.	2	2	2	2
3	1	00413100	CONSISTING OF ITEM NOS.1-40 CYLINDER HEAD SUB-ASSY.	3	6	50038400	STUD M8X35.	-	-	-	2
3	1	00413302	CONSISTING OF ITEM NOS.1-40 CYLINDER HEAD SUB-ASSY.	3	7	50037300	STUD M8X18.	4	4	4	2
3	1	00302001	CONSISTING OF ITEM NOS.1-40 CYLINDER HEAD SUB-ASSY.	3	7	50037200	STUD M8X15.	-	-	-	2
3	1	00302202	CONSISTING OF ITEM NOS.1-40 CYLINDER HEAD SUB-ASSY.	3	7	50040300	STUD M10X22	-	-	-	4
3	1	00301803	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	10	03194600	VALVE CONE, INLET AND EXHAUST. .	2	-	-	-
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	10	03124300	VALVE CONE, INLET AND EXHAUST. .	-	2	2	2
3	1	00300803	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	10	03019902	VALVE CONE, EXHAUST.	-	-	-	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	10	03019801	VALVE CONE, INLET.	-	-	-	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	11	03172400	CAP	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	11	03203200	CAP	-	-	-	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	12	03172000	VALVE SPRING.	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	12	03158701	VALVE SPRING.	-	-	-	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	13	03173000	WASHER FOR VALVE SPRING	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	13	03203300	WASHER FOR VALVE SPRING	-	-	-	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	14	03004000	CUP	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	14	03018500	CUP	-	-	-	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	15	03171900	COLLETT	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	15	03184300	COLLETT	-	-	-	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	16	00340503	ROCKER INLET SUB-ASSY	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	18	03003700	ADJUSTING SCREW FOR ROCKER. . .	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	19	03173100	FOR PUSHROD HEXAGON NUT FOR ADJUST.SCREW. .	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	20	00340604	ROCKER EXHAUST SUB-ASSY	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	22	40021900	WASHER 5X7X1	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	23	03003700	ADJUSTING SCREW FOR ROCKER. . .	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	24	03173100	FOR PUSHROD HEXAGON NUT M6	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	25	03022001	ADJUSTING SCREW FOR ROCKER. . .	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26	50022700	FOR DECOMPRESSION HEXAGON NUT M6	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26A	03169400	SHIM 0,1 MM *.	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26A	03169600	SHIM 0,2 MM *.	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26A	03169700	SHIM 0,3 MM *.	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26A	03169800	SHIM 0,5 MM *.	2	2	2	2
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26B	03034401	SHIM 4,0 MM *.	-	-	-	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26B	03405300	SHIM 4,1 MM *.	-	-	-	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26B	03400700	SHIM 4,2 MM *.	-	-	-	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	26B	03400800	SHIM 4,3 MM *.	-	-	-	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	27	03172100	ROCKER SHAFT.	1	1	1	1
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	28	40022300	WASHER 8X12X2	4	4	4	4
3	1	00300500	2 VALVE GUIDES 03172302 2 STUDS M8X30 50038300 4 STUDS M8X18 50037300 CYLINDER HEAD SUB-ASSY.	3	29	50025500	HEXAGON SCREW M6X12	2	2	2	2

Quote when ordered			Quote when ordered			Quant. for Type			Quant. for Type		
Table No.	Item No.	Part-/Ordering No.	DESIGNATION	Table No.	Item No.	Part-/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 82
3 29		50025700	HEXAGON SCREW M6X15	3 53		50023500	HEXAGON NUT M10	-	-	-	2
3 30		50018700	SECURITY PLATE 614.	3 54		03172200	GASKET FOR CYLINDER 0,4 MM. . .	1	1	-	-
3 30A		00340800	DECOMPRESSION SHAFT SUB-ASSY. .	3 54		03173500	GASKET FOR CYLINDER 0,5 MM. . .	1	1	-	-
			CONSIST. OF ITEM NOS 31,31B,31C	3 54		03173600	GASKET FOR CYLINDER 0,5 MM. . .	1	1	-	-
3 31		03011105	DECOMPRESSION SHAFT	3 54		03173700	GASKET FOR CYLINDER 0,7 MM. . .	1	1	-	-
3 31A		40050200	CIRCLIP 9 C B S	3 54		03173800	GASKET FOR CYLINDER 0,8 MM. . .	1	1	-	-
3 31B		03173401	HANDLE FOR DECOMPRESSION SHAFT	3 54		03173900	GASKET FOR CYLINDER 0,9 MM. . .	1	1	-	-
3 31C		50034700	PIN 4X22.	3 54		03174000	GASKET FOR CYLINDER 1,0 MM. . .	1	1	-	-
3 32		50034100	PIN 3X16.	3 54		03197300	GASKET FOR CYLINDER 0,4 MM. . .	-	-	-	-
3 33		03000801	GEARWHEEL ON DECOMPRESSION SHAFT	3 54		03197400	GASKET FOR CYLINDER 0,5 MM. . .	-	-	-	-
3 34		03010300	PIN FOR DECOMPRESSION LEVER . .	3 54		03197500	GASKET FOR CYLINDER 0,6 MM. . .	-	-	-	-
3 35		40050200	CIRCLIP 9 C B S	3 54		03197600	GASKET FOR CYLINDER 0,7 MM. . .	-	-	-	-
3 36		03172801	PRESSURE SPRING	3 54		03197700	GASKET FOR CYLINDER 0,8 MM. . .	-	-	-	-
3 37		50005000	THREADED PIN AM 10X25	3 54		03197800	GASKET FOR CYLINDER 0,9 MM. . .	-	-	-	-
3 37A		50005200	THREADED PIN AM 10X35	3 54		03197900	GASKET FOR CYLINDER 1,0 MM. . .	-	-	-	-
3 38		50023300	HEXAGON NUT M10	3 54		03203500	GASKET FOR CYLINDER 0,4 MM. . .	-	-	-	-
3 39		03011500	IGNITION PAPER HOLDER	3 54		03203600	GASKET FOR CYLINDER 0,5 MM. . .	-	-	-	-
3 40		50044700	CLOSING SCREW R1/4=	3 54		03203700	GASKET FOR CYLINDER 0,6 MM. . .	-	-	-	-
		03228800	JOINT WASHER 1,0.	3 54		03203800	GASKET FOR CYLINDER 0,7 MM. . .	-	-	-	-
			BREATHER PIPE	3 54		03203900	GASKET FOR CYLINDER 0,8 MM. . .	-	-	-	-
			=====	3 54		03204000	GASKET FOR CYLINDER 0,9 MM. . .	-	-	-	-
3 41		00356301	BREATHER TUBE SUB-ASSY.	-		03204100	GASKET FOR CYLINDER 1,0 MM. . .	-	-	-	-
3 41		00357601	BREATHER TUBE SUB-ASSY.	-		03273200	GASKET FOR CYLINDER 1,1 MM. . .	-	-	-	-
3 41		00360001	BREATHER TUBE SUB-ASSY.	-			COVER F. CYLINDER HEAD	-	-	-	-
3 42		03172600	FITTING RING	-			=====	-	-	-	-
3 43		03172900	GASKET FOR CAP.	-		03174200	COVER F. CYLINDER HEAD.	1	1	1	1
3 44		50022700	HEXAGON NUT M6.	-		03018300	COVER F. CYLINDER HEAD.	-	-	-	-
3 45		03172500	VALVE DIAPHRAGM	-		03174100	GASKET FOR COVER.	1	1	1	1
3 46		03172700	STROKE LIMITATION	-		03204200	GASKET FOR COVER.	-	-	-	-
3 47		03197201	PIPE CLIP	-		50052200	ALLEN SCREW M8X30	1	1	1	1
3 47A		03016600	PIPE CLIP	-		50052300	ALLEN SCREW M8X35	-	-	-	-
3 48		50026700	HEXAGON SCREW M8X15	-		50052900	ALLEN SCREW M8X60	1	1	1	1
3 50		03174800	FLANGE GASKET 32 *)	-		50053000	ALLEN SCREW M8X70	1	1	1	1
3 50		03230000	GASKET (FILTER SIDE) *)	2		50053000	ALLEN SCREW M8X70	-	-	-	-
3 50		50002300	GASKET 40 (EXHAUST SIDE) *) . .	-		50000900	JOINT WASHER 18X11,5.	2	2	2	2
3 52		50023000	HEXAGON NUT M8.	2			CAMSHAFT	-	-	-	-
3 52		50023700	HEXAGON NUT M10	-		00339904	=====	1	1	1	1
3 53		50022900	HEXAGON NUT M8.	3			CAMSHAFT SUB-ASSY	-	-	-	-
3 53A		50023300	HEXAGON NUT M8	4		00340002	(STRAIGHT TOOTHED)	1	1	1	1
				4			CAMSHAFT SUB-ASSY	-	-	-	-

*) WHEN MOUNTING A SUPPORT FOR
OILBATH-AIRFILTER ADD ONE GASKET PER ENGINE

Quote when ordered			Quote when ordered			Quant. for Type		
Table No.	Item No.	Part/Ordering No.	DESIGNATION	Table No.	Item No.	Part/Ordering No.	DESIGNATION	Quant. for Type
								E71 E75 E79 E780 E781
4	1A	00423304	CONSISTING OF ITEM NOS 1A-1E (HELICAL TOOTHED) CAMSHAFT HUB WITH 1 PIN 03012600 2 LOCKING DISC 8 50043300	4	20	00341601	EXCESSIVE FUEL DEVICE =====	1 1 1 1
4	1B	50011600	FITTING KEY ABX7X56	4	22	50034100	PIN 3X16.	1 1 1 1
4	1C	03000902	GEARWHEEL	4	24	40021800	WASHER 4,48X8,04X1,79	1 1 1 1
4	1D	03008305	CAM EXHAUST	4	25	40022900	WASHER 16X22X3.	2 2 2 2
4	1E	03008203	CAM INLET	4	26	03174600	THREADED PIN.	2 2 2 2
4	2	03012600	STUD.				INJECTION PUMP =====	
4	3	03170300	INTERMEDIATE RING	4	27	40005201	INJECTION PUMP =BOSCH=.	1 1 - -
4	8A	50043300	CAP 8	4	27	40036901	INJECTION PUMP =BOSCH=.	- - 1 1
			PUSHROD =====	4	28	03168301	SHIM 0,15)	1 1 1 1
4	9	00340901	PUSHROD SUB-ASSY.	4	28	03168500	SHIM 0,20) AS.	1 1 1 1
4	9	00357701	PUSHROD SUB-ASSY.	4	28	03168600	SHIM 0,25) REQUIRED	1 1 1 1
4	9	00360101	PUSHROD SUB-ASSY.	4	28	03168700	SHIM 0,30)	1 1 1 1
4	10	00341001	PUSHROD WITH SHOULDERED SOCKET.	4	28A	03168400	GASKET FOR INJECTION PUMP	2 2 2 2
4	10	00357801	PUSHROD WITH SHOULDERED SOCKET.	4	29	50022900	HEXAGON NUT M8.	3 3 3 3
4	10	00360201	PUSHROD WITH SHOULDERED SOCKET.				INJECTION VALVE =====	
4	11	03174302	PROTECTING TUBE	4	30	40006700	INJECTION VALVE COMPL. =BOSCH=	1 1 - -
4	11	03200301	PROTECTING TUBE	4	30	40006800	INJECTION VALVE COMPL. =BOSCH=	- - 1 1
4	11	03204301	PROTECTING TUBE	4	30	40037500	INJECTION VALVE COMPL. =BOSCH=	- - 1 1
4	12	40023200	WASHER 31X40X4,5.	4	30A	40004600	NOZZLE.	1 1 1 1
			TIMING COVER =====	4	31	03160500	JOINT WASHER 15X21X2.	1 1 - -
4	13	00341301	TIMING COVER SUB-ASSY	4	31A	40003000	JOINT WASHER.	- - 1 1
			NO POWER-TAKE-OFF AT CRANKSHAFT CONSIST. OF ITEM NOS. 13, 15, 17 (ONLY FOR ENGINE TYPES ES71, ES75, ES79, ES780, ES785)	4	31B	03012900	JOINT WASHER.	- - 1 1
4	13A	00341201	TIMING COVER WITH OIL SEAL.	4	36	00341701	FUEL PRESSURE PIPE.	1 1 - -
4	14	40033800	OIL SEAL B 1 SL 35X47X7/9	4	36	00357900	FUEL PRESSURE PIPE.	- - 1 1
4	15	40034700	OIL SEAL B 1 SL 70X85X8/9	4	36	00360300	FUEL PRESSURE PIPE.	- - 1 1
4	16	50013000	GROOVED BALL BEARING 6007	4	37	03174700	PIPE CLIP	1 1 1 1
4	17	50015500	GROOVED BALL BEARING 16014.	4	37A	50002800	SPRING WASHER 8	1 1 1 1
4	18	03174500	GASKET.	4	37B	50026700	HEXAGON SCREW M8X15	1 1 1 1
4	19	50052100	ALLEN SCREW M8X25	4	38	00301902	STARTING HANDLE	1 1 1 1
							ANTI-VIBRATION DEVICE =====	
				4A	1	00357102	CAMSHAFT SUB-ASSY	- - 1 -
				4A	1	00359502	CONSIST. OF ITEM NOS. 1A, 4-12 CAMSHAFT SUB-ASSY	- - - -

Quote when ordered			Quote when ordered			Quant. for Type									
Table No.	Item No.	Part./Ordering No.	DESIGNATION	Part./Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780	E 785					
4A	1A	00514500	CONSIST. OF ITEM NOS. 1A, 4-12 CAMSHAFT HUB. WITH 1 CAMSHAFT HUB 03101500 1 PIN 03012600 2 CAP 50043300		WITH CAP SCREW ITEM NO.2 CAP SCREW B40	1	1	1	1	1					
					FUEL FILTER =====										
4A	2	03012600	STUD.		FUEL FILTER SUB-ASSY.	1	1	1	1	1					
4A	3	50043300	CAP 8		CONSIST. OF ITEM NO. 3A, 4										
4A	4	03256500	SPACER.		FUEL FILTER ELEMENT EK429	1	1	1	1	1					
4A	5	00312900	GEARWHEEL WITH HUB AND WEIGHT .		GASKET.	1	1	1	1	1					
4A	5	00312700	GEARWHEEL WITH HUB AND WEIGHT .		ALLEN SCREW M6X8	4	4	4	4	4					
4A	6	03201700	FITTING KEY		ALLEN SCREW M8X15	2	2	2	2	2					
4A	7	40019600	NEEDLE BEARING 55/25.		ALLEN SCREW M8X20	-	-	-	-	-					
4A	8	03201600	SPACER.		ALLEN SCREW M10X25.	2	2	2	2	2					
4A	9	50011600	FITTING KEY 8X7X56.		SPRING WASHER 8	-	-	-	-	-					
4A	10	03000902	GEARWHEEL		SPRING WASHER 10.	2	2	2	2	2					
4A	11	03008305	CAM EXHAUST		ALLEN SCREW M10X20.	2	2	2	2	2					
4A	12	03008203	CAM INLET		SPRING WASHER 10.	2	2	2	2	2					
4A	13	03170300	INTERMEDIATE RING		ALLEN SCREW M10X20.	2	2	2	2	2					
4A	14	00409600	INTERMEDIATE RING		SPRING WASHER 10.	2	2	2	2	2					
4A	15	50058600	STUD 8M6X50		ALLEN SCREW M10X20.	2	2	2	2	2					
4A	16	03174500	GASKET.		SPRING WASHER 10.	2	2	2	2	2					
4A	17	50052800	ALLEN SCREW M8X55		ALLEN SCREW M10X20.	2	2	2	2	2					
4A	18	03100001	GEARWHEEL (INSTEAD OF THE SLEEVE 03001601 TABLE 2, ITEM NO. 21)		SPRING WASHER 10.	2	2	2	2	2					
			ADDITIONAL EQUIPMENT =====		ALLEN SCREW M10X20.	2	2	2	2	2					
			FUEL TANK =====		SPRING WASHER 10.	2	2	2	2	2					
5	1	00343500	FUEL TANK SUB-ASSY. CAPAC. 5LTRS. WITH CAP SCREW ITEM NO. 2		ALLEN SCREW M10X20.	2	2	2	2	2					
5	1	00343700	FUEL TANK SUB-ASSY. CAPAC. 9LTRS. WITH CAP SCREW ITEM NO. 2		SPRING WASHER 10.	2	2	2	2	2					
5	1	00343900	FUEL TANK SUB-ASSY. CAPAC. 5LTRS. (HIGHER MOUNTED EXPORTATION)		ALLEN SCREW M10X20.	2	2	2	2	2					
5	1	00358400	FUEL TANK SUB-ASSY. CAPAC. 9LTRS. WITH CAP SCREW ITEM NO. 2		SPRING WASHER 10.	2	2	2	2	2					
5	1	00358600	FUEL TANK SUB-ASSY. CAPAC. 5LTRS.		ALLEN SCREW M10X20.	2	2	2	2	2					

Quote when ordered

Table No.	Item No.	Part/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 785
5	16	00307601	FOR FUEL TANK, CAPACITY 9LTRS (ONLY COMPLETE AVAILABLE) CONSOLE WITH STRAP SUB-ASSY . . . (SUITABLE WHEN FLANGE 169601 IS MOUNTED) TANK CAPACITY 5LTRS	1	1	1	-
5	17	03176800	RUBBER BED PLATE	1	1	1	-
5	20	50055200	ALLEN SCREW M10X50	2	2	2	-
5	21	50002900	SPRING WASHER 10	2	2	2	-
5	22	03393400	FELT STRIP 240X25X6 MM. (FOR FUEL TANK CAPACITY 5LTRS.)	1	1	1	-
5	22	03393500	FELT STRIP 500X25X6 MM. (FOR FUEL TANK CAPACITY 9LTRS.)	1	1	1	-
5	23	03218900	GROUND PLATE.	1	1	1	-
5	24	40021000	OILBATH-AIRFILTER =====	1	1	1	-
5	24	40020200	OILBATH-AIRFILTER	1	1	1	-
5	24	40067900	OILBATH-AIRFILTER	-	-	1	-
5	24	40020400	OILBATH-AIRFILTER	-	-	1	-
5	25	03013300	SUPPORT FOR OILBATH-AIRFILTER =====	1	1	1	-
5	25	03101802	SUPPORT FOR OILBATH-AIRFILTER	1	1	1	-
5	25	03018100	SUPPORTING PLATE.	-	-	1	-
5	26	50026700	SUPPORTING PLATE.	-	-	1	-
5	27	50002800	HEXAGON SCREW M8X15	1	1	1	-
5	28	03176701	SPRING WASHER 8	1	1	1	-
5	28	03205500	RUBBER RING	1	1	1	-
5	29	40029300	RUBBER RING	-	-	1	-
5	29	40029600	STRAP	1	1	1	-
5	30		EXHAUST =====	-	-	1	-
5	30	03176100	EXHAUST BOX COMPLETE.	1	1	1	-
5	30	03176200	EXHAUST BOX COMPLETE. (OUTLET PIPE 45 DEGR. TURNED)	1	1	1	-
5	30A	40002300	EXHAUST BOX	1	1	1	-
5	30A	40002400	EXHAUST BOX	-	-	1	-
5	30B	03005101	SUPPORT FOR EXHAUST BOX (FOR ITEM-NO 30 A)	1	1	1	-

Quote when ordered

Table No.	Item No.	Part/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 785
5	30B	03015600	SUPPORT FOR EXHAUST BOX (FOR ITEM-NO 30 A)	-	-	1	-
5	30B	03066800	SUPPORT FOR EXHAUST BOX (FOR ITEM-NO 30 A)	-	-	1	-
5	30B	03073300	SUPPORT FOR EXHAUST BOX (FOR ITEM-NO 30)	1	1	1	-
5	30E	00314401	SUPPORT FOR EXHAUST BOX (FOR MOUNTED DYNAMO STARTER)	1	1	1	-
5	30E	00314500	SUPPORT FOR EXHAUST BOX (FOR MOUNTED DYNAMO STARTER)	-	-	1	-
5	30F	00312500	EXHAUST ELBOW	1	1	1	-
5	30C	50026700	HEXAGON SCREW M8X15	2	2	2	-
5	30C	50026800	HEXAGON SCREW M8X20 (SUITABLE FOR ITEM-NO 30 E)	2	2	2	-
5	300	40029400	STRAP	1	1	1	-
5	300	40029500	(FOR ITEM-NO 30 A AND 30 E)	-	-	1	-
5	31	40002200	STRAP	-	-	1	-
5	32	40050900	EXHAUST SILENCER.	1	1	1	-
5	32A	50026800	EXHAUST SILENCER.	1	1	1	-
5	32B	50022900	HEXAGON SCREW M8X20	2	2	2	-
5	32C	50002800	HEXAGON NUT M8.	2	2	2	-
5	33	03025501	SPRING WASHER 8	2	2	2	-
5	33	03025601	BELT PULLEY 125	1	1	1	-
5	33	03025701	BELT PULLEY 150	1	1	1	-
5	34	50029200	BELT PULLEY 175	1	1	1	-
5	35	50002900	HEXAGON SCREW M10X25. SPRING WASHER 10.	4	4	4	-
5	35		FLEXIBLE COUPLING =====	4	4	4	-
5	35		WHEN MOUNTING THE FLEXIBLE COUPLING AT FLYWHEEL-SIDE, CEN- TERING FLANGE TABLE 6, ITEM 14 RESP. 14A, IS REQUIRED+ AND WHEN MOUNTING IT AT GOVERNOR SIDE, TIMING COVER TABLE 4 ITEM-NO13A	-	-	-	-

Quote when ordered			Quote when ordered			Quant. for Type			Quant. for Type		
Table No.	Item No.	Part./Ordering No.	DESIGNATION	Table No.	Item No.	Part./Ordering No.	DESIGNATION	Table No.	Item No.	Part./Ordering No.	DESIGNATION
			AND POWER TAKE-OFF FLANGE TABLE 6, ITEM-NO 16, (AT MOUNTED ANTI-VIBRATION DEVICE TABLE 6, ITEM-NO 16A) IS REQUIRED								
6	1	003441801	FLANGE - SUB-ASSY	1	1	1	1	1	1	1	1
			CONSISTING OF ITEM-NOS 1-6								
6	1	03004201	FLANGE.	1	1	1	1	1	1	1	1
6	2	00307200	TAPPET.	6	6	6	6	6	6	6	6
6	3	03151000	RUBBER SHELL.	6	6	6	6	6	6	6	6
6	4	03079000	DISC.	6	6	6	6	6	6	6	6
6	5	50017200	DISC 13	6	6	6	6	6	6	6	6
6	6	50023900	HEXAGON NUT M12	6	6	6	6	6	6	6	6
6	7	50053800	ALLEN SCREW M10X25.	4	4	4	4	4	4	4	4
6	8	50002900	SPRING WASHER 10.	4	4	4	4	4	4	4	4
6	9	03004601	COUNTER FLANGE.	1	1	1	1	1	1	1	1
6	10	50004600	THREADED PIN ANHX15	1	1	1	1	1	1	1	1
			FREE SHAFT END =====								
			WHEN MOUNTING IT AT FLYWHEEL- SIDE, CENTERING FLANGE TABLE 6 ITEM NO 14 RESP. 14A IS REQUIRED WHEN MOUNTING IT AT GOVERNOR SIDE, TIMING COVER TABLE 4 ITEM- NO 13A, AND POWER TAKE-OFF FLANGE TABLE 6, ITEM-NO 16, (AT MOUNTED ANTI-VIBRATION DEVICE TABLE 6, ITEM-NO 16A) IS RE- QUIRED								
6	11	03027300	FREE SHAFT END.	1	1	1	1	1	1	1	1
6	11A	50011700	FITTING KEY ABX7X63	1	1	1	1	1	1	1	1
6	12	50053800	ALLEN SCREW M10X25.	4	4	4	4	4	4	4	4
6	13	50002900	SPRING WASHER 10.	4	4	4	4	4	4	4	4
			CENTERING FLANGE FOR POWER-TAKE =====								
			OFF AT FLYWHEEL SIDE =====								
6	14	03011400	CENTERING FLANGE.	1	1	1	1	1	1	1	1
6	15	50005100	THREADED PIN AM10X25.	1	1	1	1	1	1	1	1
6	14A	03017500	CENTERING FLANGE.	-	-	-	-	-	-	-	-
			AND POWER TAKE-OFF FLANGE TABLE 6, ITEM-NO 16, (AT MOUNTED ANTI-VIBRATION DEVICE TABLE 6, ITEM-NO 16A) IS REQUIRED								
			FLANGE - SUB-ASSY	1	1	1	1	1	1	1	1
			CONSISTING OF ITEM-NOS 1-6								
			FLANGE.	1	1	1	1	1	1	1	1
			TAPPET.	6	6	6	6	6	6	6	6
			RUBBER SHELL.	6	6	6	6	6	6	6	6
			DISC.	6	6	6	6	6	6	6	6
			DISC 13	6	6	6	6	6	6	6	6
			HEXAGON NUT M12	6	6	6	6	6	6	6	6
			ALLEN SCREW M10X25.	4	4	4	4	4	4	4	4
			SPRING WASHER 10.	4	4	4	4	4	4	4	4
			COUNTER FLANGE.	1	1	1	1	1	1	1	1
			THREADED PIN ANHX15	1	1	1	1	1	1	1	1
			FREE SHAFT END =====								
			WHEN MOUNTING IT AT FLYWHEEL- SIDE, CENTERING FLANGE TABLE 6 ITEM NO 14 RESP. 14A IS REQUIRED WHEN MOUNTING IT AT GOVERNOR SIDE, TIMING COVER TABLE 4 ITEM- NO 13A, AND POWER TAKE-OFF FLANGE TABLE 6, ITEM-NO 16, (AT MOUNTED ANTI-VIBRATION DEVICE TABLE 6, ITEM-NO 16A) IS RE- QUIRED								
			FREE SHAFT END =====								
			(FOR ENGINES E71 AND E75 TO 8E USED WITH FLYWHEEL 03013702)								
			F&S-CLUTCH K160	1	1	1	1	1	1	1	1
			CONSISTING OF								
			PRESSURE PLATE K160	1	1	1	1	1	1	1	1
			CLUTCH DISC K160.	1	1	1	1	1	1	1	1
			BALL BEARING DISCONNECTOR	1	1	1	1	1	1	1	1
			SHAPE SPRING.	2	2	2	2	2	2	2	2
			F&S-CLUTCH K180	-	-	-	-	-	-	-	-
			CONSISTING OF								
			PRESSURE PLATE K180	-	-	-	-	-	-	-	-
			CLUTCH DISC K180.	-	-	-	-	-	-	-	-
			BALL BEARING DISCONNECTOR	-	-	-	-	-	-	-	-
			SHAPE SPRING.	-	-	-	-	-	-	-	-
			HEXAGON SCREW M6X15	6	6	6	6	6	6	6	6
			SPRING WASHER 6	6	6	6	6	6	6	6	6
			HEXAGON SCREW M8X15	-	-	-	-	-	-	-	-
			SPRING WASHER 8	-	-	-	-	-	-	-	-
			BEARING SUPPORT - SUB-ASSY.	1	1	1	1	1	1	1	1
			CONSISTING OF ITEM-NOS.20-22								
			BEARING SUPPORT	1	1	1	1	1	1	1	1
			GROOVED BALL BEARING 6301	1	1	1	1	1	1	1	1
			CIRCLIP 37X1.5.	1	1	1	1	1	1	1	1
			ALLEN SCREW M8X20	3	3	3	3	3	3	3	3

*) TIMING COVER TABLE 4, ITEM NO 13 A
REQUIRED

***) FOR ENGINE WITH ANTI - VIBRATION DEVICE

Quote when ordered

Quote when ordered

Quant. for Type

Table No.	Item No.	Part-/Ordering No.	DESIGNATION	Table No.	Item No.	Part-/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780	E 785
6 20		03014000	BEARING SUPPORT	1	1	1	1	1	1	1	1	1
6 21		50014500	GROOVED BALL BEARING 6301	1	1	1	1	1	1	1	1	1
6 22		50021300	CIRCLIP 37X1.5	1	1	1	1	1	1	1	1	1
6 23		50051900	ALLEN SCREW M8X20	3	3	3	3	3	3	3	3	3
6 24		50002000	SPRING WASHER 8	3	3	3	3	3	3	3	3	3
6 25		00450700	INTERMEDIATE HOUSING SUB-ASSY	1	1	1	1	1	1	1	1	1
			CONSIST.OF ITEM-NOS.25,26-42									
6 25		03014200	INTERMEDIATE HOUSING	1	1	1	1	1	1	1	1	1
6 25A		00358100	INTERMEDIATE HOUSING SUB-ASSY	-	-	-	-	-	-	-	-	-
			CONSIST.OF ITEM-NOS 25A,26-42									
6 25A		03017700	INTERMEDIATE HOUSING	-	-	-	-	-	-	-	-	-
6 25B		00360400	INTERMEDIATE HOUSING SUB-ASSY	-	-	-	-	-	-	-	-	-
			CONSIST.OF ITEM-NOS.25B,26-42									
6 25B		03020100	INTERMEDIATE HOUSING	-	-	-	-	-	-	-	-	-
6 26		50007900	GREASE NIPPLE CM8X1	2	2	2	2	2	2	2	2	2
6 27		03001902	DISCONNECTOR SHAFT	1	1	1	1	1	1	1	1	1
6 27		03029402	DISCONNECTOR SHAFT	-	-	-	-	-	-	-	-	-
6 28		03030102	FORKED LEVER	1	1	1	1	1	1	1	1	1
6 28		03030201	FORKED LEVER	-	-	-	-	-	-	-	-	-
6 29		03156200	RETURN SPRING	1	1	1	1	1	1	1	1	1
6 30		50017600	DISC 19	1	1	1	1	1	1	1	1	1
6 30A		50020000	CIRCLIP 18X1.2	1	1	1	1	1	1	1	1	1
6 31		00332602	SWITCH LEVER SUB-ASSY	1	1	1	1	1	1	1	1	1
			CONSIST.OF ITEM-NOS.31-34									
6 32		03032000	HUB FOR SWITCH LEVER	1	1	1	1	1	1	1	1	1
6 33		50051400	ALLEN SCREW M8X12	2	2	2	2	2	2	2	2	2
6 34		50002800	SPRING WASHER 8	2	2	2	2	2	2	2	2	2
6 35		50035300	PIN 6X28	2	2	2	2	2	2	2	2	2
6 36		50034400	PIN 3,5X28	2	2	2	2	2	2	2	2	2
6 37		50022900	HEXAGON NUT M8	1	1	1	1	1	1	1	1	1
6 38		50027100	HEXAGON SCREW BMX25	1	1	1	1	1	1	1	1	1
6 39		03030000	ADJUSTING PLATE	1	1	1	1	1	1	1	1	1
6 39A		03015101	ADJUSTING PLATE	-	-	-	-	-	-	-	-	-
6 40		50029100	HEXAGON SCREW M10X20	2	2	2	2	2	2	2	2	2
6 41		50016900	DISC 10,5	2	2	2	2	2	2	2	2	2
6 42		50059300	PIN 6X16	1	1	1	1	1	1	1	1	1
6 42		50035300	PIN 5X28	-	-	-	-	-	-	-	-	-
6 45A		00358700	BEARING FLANGE SUB-ASSY	1	1	1	1	1	1	1	1	1
			CONSIST.OF ITEM-NOS.45A,46A,47A									
			48A,49 AND 60									
		00418300	BEARING FLANGE SUB-ASSY	-	-	-	-	-	-	-	-	-
			CONSIST.OF ITEM-NOS.45A,46A,47A AND 49									
		03015300	BEARING FLANGE	1	1	1	1	1	1	1	1	1
		03037200	BEARING FLANGE	-	-	-	-	-	-	-	-	-
		03014700	DRIVING SHAFT	1	1	1	1	1	1	1	1	1
		03078400	DRIVING SHAFT	-	-	-	-	-	-	-	-	-
		50018000	DISC SPRING 6X11	-	-	-	-	-	-	-	-	-
		50014000	GROOVED BALL BEARING 6205	1	1	1	1	1	1	1	1	1
		50015000	GROOVED BALL BEARING 6307-2RS	-	-	-	-	-	-	-	-	-
		40027600	CIRCLIP #SEEGER= J80X2+5V	2	2	2	2	2	2	2	2	2
		50021900	CIRCLIP 52X2	1	1	1	1	1	1	1	1	1
		50020500	CIRCLIP 25X1,2	-	-	-	-	-	-	-	-	-
		50021100	CIRCLIP 35X1,5	-	-	-	-	-	-	-	-	-
		50017300	DISC B13	-	-	-	-	-	-	-	-	-
		50002900	SPRING WASHER 10	-	-	-	-	-	-	-	-	-
		50029200	HEXAGON SCREW M10X25	-	-	-	-	-	-	-	-	-
		50054000	ALLEN SCREW M10X25	4	4	4	4	4	4	4	4	4
		50002900	SPRING WASHER 10	4	4	4	4	4	4	4	4	4
		50030100	HEXAGON SCREW M10X65	4	4	4	4	4	4	4	4	4
		50027500	HEXAGON SCREW M8X35	-	-	-	-	-	-	-	-	-
		50002900	SPRING WASHER 10	4	4	4	4	4	4	4	4	4
		50002800	SPRING WASHER 8	-	-	-	-	-	-	-	-	-
		50016900	DISC 10,5	4	4	4	4	4	4	4	4	4
		50023500	HEXAGON NUT M10	4	4	4	4	4	4	4	4	4
		50045000	OIL SEAL B25X52X10	1	1	1	1	1	1	1	1	1
		50042000	STUD M10X95	-	-	-	-	-	-	-	-	-
		50002900	SPRING WASHER 10	-	-	-	-	-	-	-	-	-
		50023500	HEXAGON NUT M10	-	-	-	-	-	-	-	-	-
			F&S-REDUCTION GEAR	1	1	1	1	1	1	1	1	1
			(OPTIONAL)									
		40038300	REDUCTION GEAR 2,8#1)									
		40038500	REDUCTION GEAR 2,1#1) SINGLE									
		40038700	REDUCTION GEAR 1,8#1) TYPE									
		40038900	REDUCTION GEAR 10,4#1)									
		40039100	REDUCTION GEAR 7,9#1) DOUBLE									
		40039300	REDUCTION GEAR 6,6#1) TYPE	-	-	-	-	-	-	-	-	-
			F&S-REDUCTION GEAR									

Quote when ordered

Quote when ordered

Quant. for Type

Table No.	Item No.	Part./Ordering No.	DESIGNATION	Table No.	Item No.	Part./Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780	E 788
			(OPTIONAL)				CONSIST. OF ITEM-NOS. 75, 76A-E, 77, 78, 78A, 79					
		40039400	2#1 (SLOW)			03004201	CONSOLE	1	1	1	1	1
		40039500	1#1,5 (FAST)			03093301	SEGMENT TO SPEED CONTROL	1	1	1	1	1
		40039600	1#1,8 (FAST)			03112200	FIXING FLAP	2	2	2	2	2
			INTERMEDIATE FLANGE =====			03112101	NUT TO SPEED CONTROL	2	2	2	2	2
			(FOR FLYWHEEL)			50025100	HEXAGON SCREW M5X10	2	2	2	2	2
			03009501 AND 03009601)			50L16500	DISC 5,3	2	2	2	2	2
6	62	03011800	INTERMEDIATE FLANGE			50025500	HEXAGON SCREW M6X12	2	2	2	2	2
6	63	40027000	SCREW RIBE M10X65			50002700	SPRING WASHER 6	2	2	2	2	2
6	64	50016900	DISC 10,5			50015600	DISC 6,4	2	2	2	2	2
6	65	50002900	SPRING WASHER 10			50022700	HEXAGON NUT M6	2	2	2	2	2
6	66	50023500	HEXAGON NUT M10			50026700	HEXAGON SCREW M8X15	2	2	2	2	2
			SPEED LEVER FOR BOWDEN CONTROL =====			50002800	SPRING WASHER 8	2	2	2	2	2
6	70	03005500	LEVER FOR SPEED CONTROL				MOUNTING PARTS FOR CENTRIFUGAL =====					
6	71	03006400	CONSOLE FOR BOWDEN CONTROL				BELT CLUTCH WITH HUB =====					
6	72	03071100	SPACER BUSH			03007702	NUT	1	1	1	1	1
6	73	50052500	ALLEN SCREW M8X40 *)			03013601	NUT	1	1	1	1	1
6	73A	50016700	DISC 8,4			03078601	FLANGE WITH CONE	1	1	1	1	1
			SPEED CONTROL WITH TOOTHED =====			50031900	HEXAGON SCREW M12X80	1	1	1	1	1
			SEGMENT =====			50003600	SPRING DISC B12	1	1	1	1	1
6	74	00303401	HAND LEVER SUB-ASSY			50052100	ALLEN SCREW M8X25	1	1	1	1	1
6	75	00344201	CONSOLE SUB-ASSY.			50002800	SPRING WASHER 8	1	1	1	1	1
			CONSIST. OF ITEM-NOS. 75-79				SAFETY STARTING HANDLE WITH =====					
6	75	03006201	CONSOLE				FIXED GUIDE BUSH, SHORT =====					
6	76	03177100	TOOTHED SEGMENT			00303302	STARTING HANDLE	1	1	1	1	1
6	77	50025500	HEXAGON SCREW M6X12			03382700	GUIDING SHELL	1	1	1	1	1
6	78	50002700	SPRING WASHER 6			50026700	HEXAGON SCREW M8X15	4	4	4	4	4
6	78A	50016600	DISC 6,4				SAFETY STARTING HANDLE WITH =====					
6	79	50022700	HEXAGON NUT M6				FIXED GUIDE BUSH, LONG =====					
6	80	50026700	HEXAGON SCREW M8X15			00303202	STARTING HANDLE	1	1	1	1	1
6	81	50002800	SPRING WASHER 8			03382700	GUIDING SHELL	1	1	1	1	1
			SPEED CONTROL ADJUSTABLE =====			50026700	HEXAGON SCREW M8X15	4	4	4	4	4
6	74	00303401	HAND LEVER SUB-ASSY									
6	75A	00344300	CONSOLE SUB-ASSY.									

*) MOUNTED ANTI - VIBRATION DEVICE REQUIRES
ALLEN SCREW M 8x70 ORDER NO. 50053000

Quote when ordered

Quote when ordered

Quant. for Type

Quant. for Type

Table No.	Item No.	Part/Ordering No.	DESIGNATION	Table No.	Item No.	Part/Ordering No.	DESIGNATION	E 71	E 76	E 79	E 780	E 785	E 71	E 76	E 79	E 780	E 785
			STARTING HANDLE AND SUPPORT FOR MOUNTING BELT PULLEY AT GOVER- NOR SIDE STARTING HANDLE STEP BEARING PLATE STARTING DEVICE ON FLYWHEEL SIDE BEARING CASE SUB-ASSY CONSIST OF ITEM-NOS. 11-22, 25 BEARING HOUSING SUB-ASSY CONSIST OF ITEM-NOS. 11-22 GEARWHEEL WITH SHAFT PINION SHAFT GROOVED DOWEL PIN BEARING RING BALL 6MM III INTERMEDIATE RING CIRCLIP 24X1,2 GREASE NIPPLE AM8X1 THREADED PIN M8X1 PRESSURE SPRING STUD M10X50 INTERMEDIATE SHELL CRANK JAW CRANK JAW CRANK JAW DISC 10,5 HEXAGON NUT M10 HEXAGON SCREW M10X90 STARTING HANDLE SUB-ASSY THREADED BOLT INTERMEDIATE PLATE SPRING WASHER 10 ALLEN SCREW M8X30				STARTING DEVICE ON FLYWHEEL SIDE BEARING CASE SUB-ASSY CONSIST OF ITEM-NOS. 11-22, 25 BEARING HOUSING SUB-ASSY CONSIST OF ITEM-NOS. 11-22 GEARWHEEL WITH SHAFT PINION SHAFT GROOVED DOWEL PIN BEARING RING BALL 6MM III INTERMEDIATE RING CIRCLIP 24X1,2 GREASE NIPPLE AM8X1 THREADED PIN M8X1 PRESSURE SPRING STUD M10X50 INTERMEDIATE SHELL CRANK JAW CRANK JAW CRANK JAW DISC 10,5 HEXAGON NUT M10 HEXAGON SCREW M10X90 STARTING HANDLE SUB-ASSY THREADED BOLT INTERMEDIATE PLATE SPRING WASHER 10 ALLEN SCREW M8X30	1	1	1	1	1	1	1	1	1	1
7 3		00303102															
7 5		03010700															
7 11		00341902															
7 11		00335601															
7 13		03011300															
7 14		03008500															
7 15		50009500															
7 16		03175301															
7 17		50009800															
7 18		03012401															
7 19		50020400															
7 20		50007800															
7 21		03079400															
7 22		03159100															
7 25		50041300															
7 26		03175400															
7 23		03007401															
7 23		03085200															
7 23		03066900															
7 27		50016900															
7 28		50023500															
7 28A		50030400															
7 24		00303001															
7 25A		03015400															
7 26A		03017800															
7 37		50002900															
7 26B		50052200															

Quote when ordered

Quant. for Type

Quote when ordered

Quant. for Type

Table No.	Item No.	Part-Ordering No.	DESIGNATION	E71	E75	E79	E780	E783	Table No.	Item No.	Part-Ordering No.	DESIGNATION	E71	E75	E79	E780	E783
7	43	40027300	CIRCLIP A25X1.2	1	1	1	1	-	8	22	40012200	LIFTING MAGNET BOSCH	1	1	1	1	-
7	44	03077500	INTERMEDIATE FLANGE	1	1	1	1	-	8	23	50046600	CYL. SCREW 2,5X6	1	1	1	1	-
7	45	03073000	CHAIN WHEEL	2	2	2	2	-	8	24	03002700	HOLDER FOR SELENOID	1	1	1	1	-
7	46	40024700	ROLLER CHAIN 1/2=X3/16=	1	1	1	1	-	8	25	50026800	HEXAGON SCREW M8X20	3	3	3	-	-
7	47	03071100	SPACER BUSH	2	2	2	2	-	8	25	50028300	HEXAGON SCREW M8X55	-	-	-	3	-
7	48	50052500	ALLEN SCREW M8X40	2	2	2	2	-	8	26	50016700	DISC 8+4.	3	3	3	3	-
7	49	50052100	ALLEN SCREW M8X25	2	2	2	2	-	8	27	50002800	SPRING WASHER 8	3	3	3	3	-
7	50	50051600	ALLEN SCREW M8X15	8	8	8	8	-	8	28	50049400	ALLEN SCREW M5X20	2	2	2	2	-
7	51	50053700	ALLEN SCREW M10X20.	2	2	2	2	-	8	29	50002600	SPRING WASHER 5	2	2	2	2	-
7	52	50002800	SPRING WASHER 8	10	10	10	10	-	8	30	50022600	HEXAGON NUT M 5	2	2	2	2	-
7	52A	50016700	DISC 8+4.	2	2	2	2	-	8	31	03009300	PROTECTION CAP.	1	1	1	1	-
7	53	03072900	CHAIN GUARD	1	1	1	1	-	8	32	03174900	FELT WASHER	1	1	1	1	-
7	47	03071100	SPACER BUSH	2	2	2	2	-	8	33	03004401	GUIDING SHELL	1	1	1	1	-
7	48	50052500	ALLEN SCREW M8X40	2	2	2	2	-	8	34	50002700	SPRING WASHER 6	1	1	1	1	-
7	54	00304600	STARTING HANDLE	1	1	1	1	-	8	35	03004701	GUDGEON PIN	1	1	1	1	-
8	1	40017800	DYNAMO STARTER =BOSCH=	1	1	1	1	-	8	36	03175102	PRESSURE SPRING	1	1	1	1	-
8	2	50008100	V-BELT 9,5X875	2	2	2	2	-	8	37	50003400	SPRING DISC A4.	1	1	1	1	-
8	3	40031200	GLOW PLUG ROD-TYPE =BERU=	1	1	1	1	-	8	38	40014000	CHAIN LOCK STRAIGHT 1/2=X1/8=	1	1	1	1	-
8	4	40010400	GLOW CONTROLLER =BOSCH=	1	1	1	1	-	8	39	03023700	LEVER FOR SHAFT	1	1	1	1	-
8	5	40024200	REGULATOR =BOSCH=	1	1	1	1	-	8	40	50051900	ALLEN SCREW M8X20	1	1	1	1	-
8	6	40009500	GLOW STARTING SWITCH =BOSCH=	1	1	1	1	-	8	41	03011201	SHAFT FOR DECOMPRESSION	1	1	1	1	-
8	7	03005200	SUPPORTER FOR DYNAMO-STARTER.	1	1	1	1	-	8	42	00422301	BOX FOR REGULATOR AND TIMING.	1	1	1	1	-
8	8	50038200	STUD M8X25.	2	2	2	2	-	8	42	00313202	RELAYS	-	-	-	-	-
8	9	03002100	RUBBER BED PLATE.	1	1	1	1	-	8	43	50051900	ALLEN SCREW M8X20	2	2	2	2	-
8	10	03175000	HEXAGON NUT WITH COLLAR	1	1	1	1	-	8	44	50002800	SPRING WASHER 8	2	2	2	2	-
8	11	50016700	DISC 8+4.	1	1	1	1	-	8	45	50054100	ALLEN SCREW M10X30.	2	2	2	2	-
8	12	50022900	HEXAGON NUT M8.	1	1	1	1	-	8	46	50049300	ALLEN SCREW M5X10	4	4	4	4	-
8	13	40029100	STRAP 1.5	2	2	2	2	-	8	47	40028200	HEXAGON NUT M5.	4	4	4	4	-
8	14	03004300	V-BELT PULLEY AT DYNAMO STARTER	1	1	1	1	-	8	48	40032200	CONTROL RELAIS.	1	1	1	1	-
8	15	03005800	V-BELT PULLEY AT ENGINE	1	1	1	1	-	8	49	50049200	ALLEN SCREW M4X10	2	2	2	2	-
8	16	50053800	ALLEN SCREW M10X25.	4	4	4	4	-	8	50	40028100	HEXAGON NUT M4.	2	2	2	2	-
8	17	03002001	EXHAUST ELBOW	1	1	1	1	-	8	55	03200400	SPACER TUBE	-	-	-	3	-
8	18	03174800	FLANGE GASKET 32.	1	1	1	1	-				ELECTRICAL STARTING DEVICE =====					
8	19	03173300	STUD M8X15.	2	2	2	2	-				GEARRING =====					
8	20	50002800	SPRING WASHER 8	2	2	2	2	-				GEARRING.					
8	21	50023000	HEXAGON NUT M8.	2	2	2	2	-	8	60	03204400						

Quote when ordered

Quote when ordered

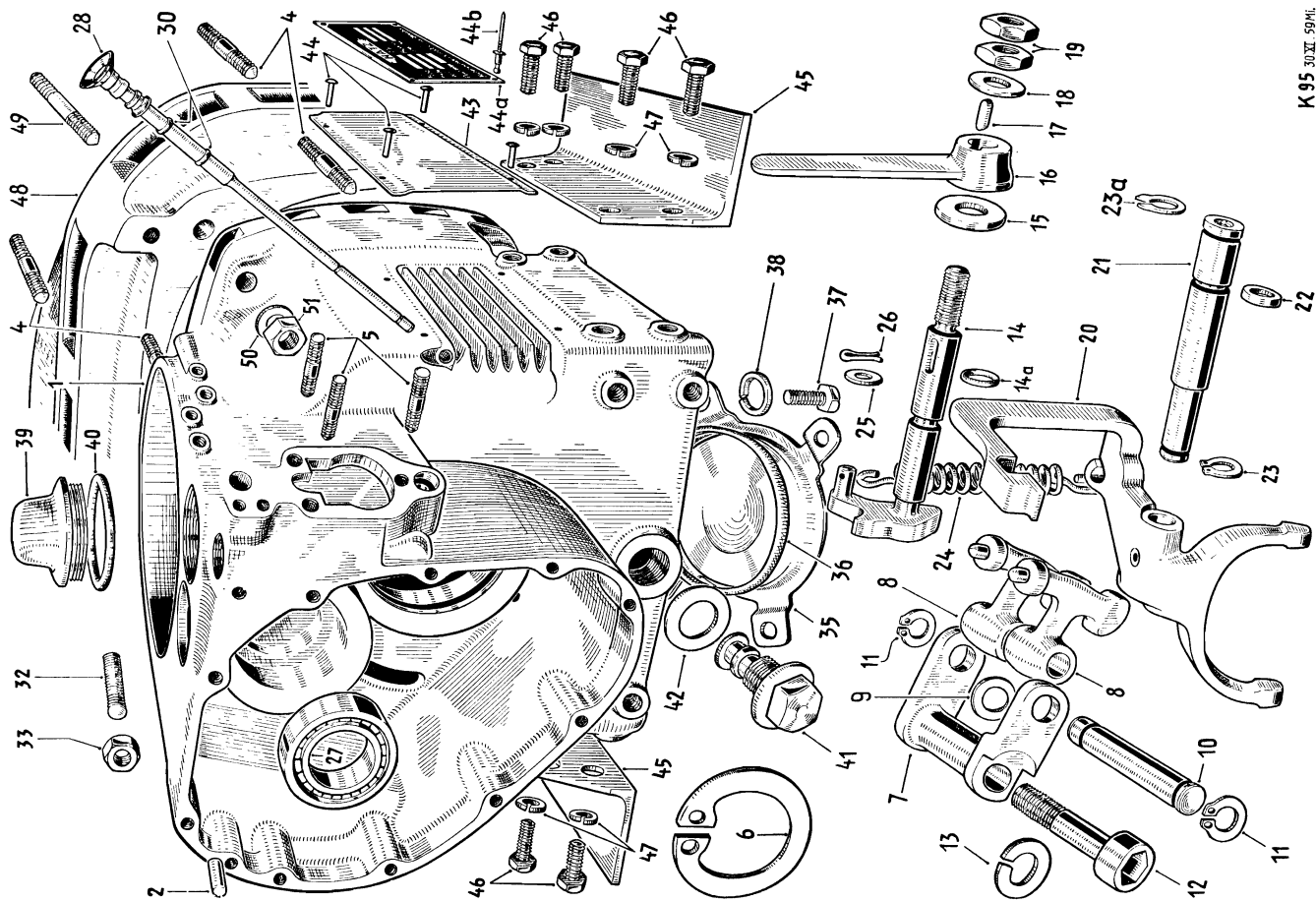
Quant. for Type

Table No.	Item No.	Part-/Ordering No.	DESIGNATION	Table No.	Item No.	Part-/Ordering No.	DESIGNATION	E 71	E 75	E 79	E 780	E 785
9	38	03005700	COUPLING FLANGE	10	5	03003500	GASKET SCREW.	1	1	1	1	1
9	39	03105300	SPACER BUSH	10	6	03177200	GASKET.	1	1	1	1	1
			MOUNTING OF BOSCH-HYDRAULIC =====	10	6	03200600	GASKET.	-	-	-	-	1
			PUMP AT GOVERNOR SIDE =====	10	7	03003600	COVER	1	1	1	1	-
			(USING DYNAMO 12VOLT)	10	7	03015000	COVER	-	-	-	-	1
9	30	00446300	TIMING COVER.	10	8	50050600	ALLEN SCREW M6X12	8	8	8	8	8
9	31	03003100	BRACKET	10	9	50001500	JOINT A21X26.	1	1	1	1	1
9	32	03169300	STUD.	10	10	03169103	OIL DRAIN PLUG R1/2".	1	1	1	1	1
9	33	50031800	HEXAGON SCREW M12X70.	10	11	50005400	BANJO BOLT A8	1	1	1	1	1
9	34	50017200	DISC 13	10	12	50006300	BANJO BOLT A6	1	1	1	1	1
9	35	03007200	TAPPET.	10	13	50001200	JOINT A14X18.	2	2	2	2	2
9	36	03177300	RUBBER SHELL.	10	14	50001100	JOINT A12X16.	2	2	2	2	2
9	38	03005700	COUPLING FLANGE	10	15	03262601	FUEL PIPE	1	1	1	1	1
			MOUNTING OF BOSCH HYDRAULIC =====	10	16	00358800	TIMING COVER SUB-ASSY	1	1	1	1	1
			PUMP AT GOVERNOR SIDE =====				WITH FREE CRANKSHAFT END CONSISTING OF ITEM-NOS.60-64					
9	30	00446300	TIMING COVER.	10	17	40033800	OIL SEAL 35X47X7/9.	1	1	1	1	1
9	31	03003100	BRACKET	10	18	40034700	OIL SEAL 70X85X8/9.	1	1	1	1	1
9	32	03169300	STUD.	10	19	50013000	GROOVED BALL BEARING 6007	1	1	1	1	1
9	33	50031800	HEXAGON SCREW M12X70.	10	20	50015500	GROOVED BALL BEARING 16014.	1	1	1	1	1
9	34	50017200	DISC 13				DIRT DEFLECTOR =====					
9	35	03007200	TAPPET.	10	21	00307700	BRONZE WIRE BRUSH SUB-ASSY.	1	1	1	1	1
9	36	03177300	RUBBER SHELL.	10	21	00303500	BRONZE WIRE BRUSH SUB-ASSY.	-	-	-	-	-
9	37	50016900	DISC 10,5	10	21	00310701	BRONZE WIRE BRUSH SUB-ASSY.	-	-	-	-	-
9	38	03005700	COUPLING FLANGE	10	22	03009200	DIRT SCRAPER AT FLYWHEEL.	2	2	2	2	2
9	39	50031900	HEXAGON SCREW M12X80 XXX.	10	23	03016700	DIRT SCRAPER AT FLYWHEEL.	-	-	-	-	-
9	40	03101200	SPACER PLATE XXX.	10	24	03016801	DIRT SCRAPER AT FLYWHEEL.	-	-	-	-	-
9	41	03101300	SPACER PLATE XXX.	10	25	03091300	DIRT SCRAPER AT FLYWHEEL.	-	-	-	-	-
			ADDITIONAL OIL TANK =====	10	26	03016900	DIRT SCRAPER AT BEARING FLANGE	-	-	-	-	-
10	1	03011600	ADDITIONAL OIL TANK	10	27	03091401	DIRT SCRAPER AT BEARING FLANGE	-	-	-	-	-
10	1	03017600	ADDITIONAL OIL TANK	10	28	50016700	DISC 8,4.	-	-	-	-	-
10	2	50001000	JOINT A10X16.	10	29	50025300	HEXAGON SCREW M6X8.	4	4	4	4	4
10	3	50053800	ALLEN SCREW M10X25.	10	29	50025400	HEXAGON SCREW M6X10	-	-	-	-	-
10	4	40002900	JOINT 22X27,5X5	10	30	50002700	SPRING WASHER 6	4	4	4	4	4
				10	31	03170100	SECURITY PLATE.	2	2	2	2	2
				10	32	50035200	øIN 6X12.	-	-	-	-	-

*) IN CASE OF MOUNTED PART - VIBRATION SHAFT
THE PARTS MARKED WITH XXX ARE NECESSARY

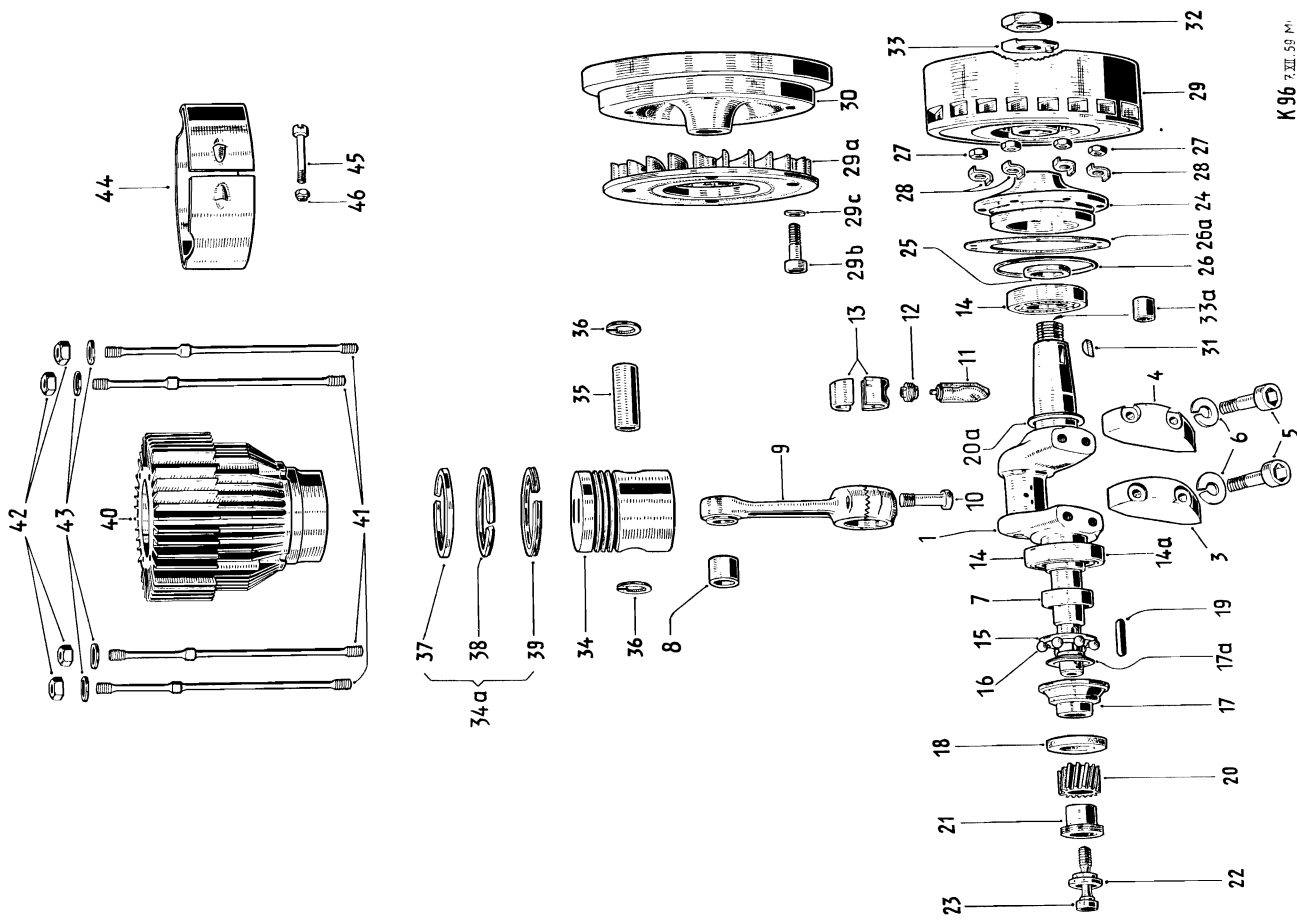
Table 1-10

Table 1



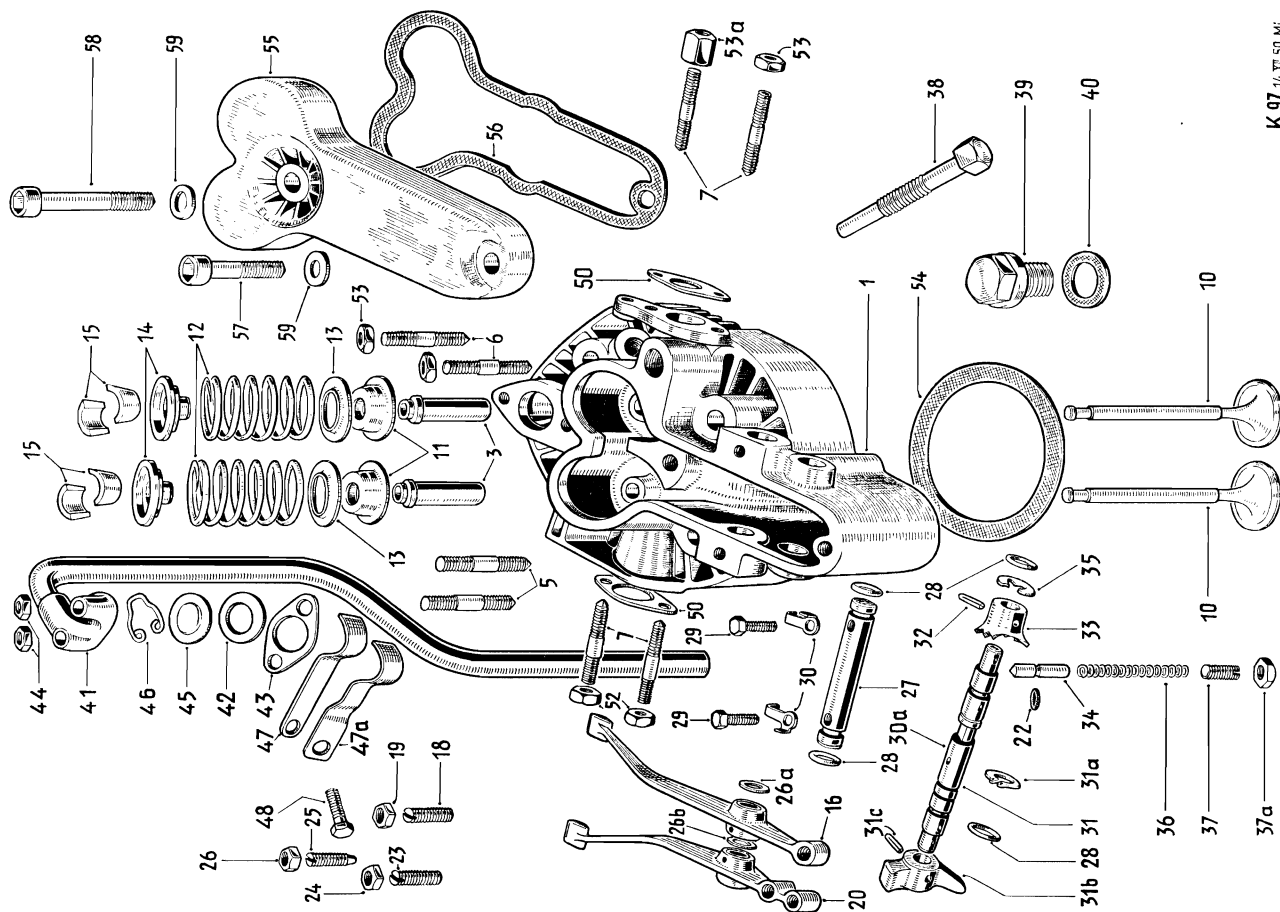
K 95 30.XI.59M.

Table 2



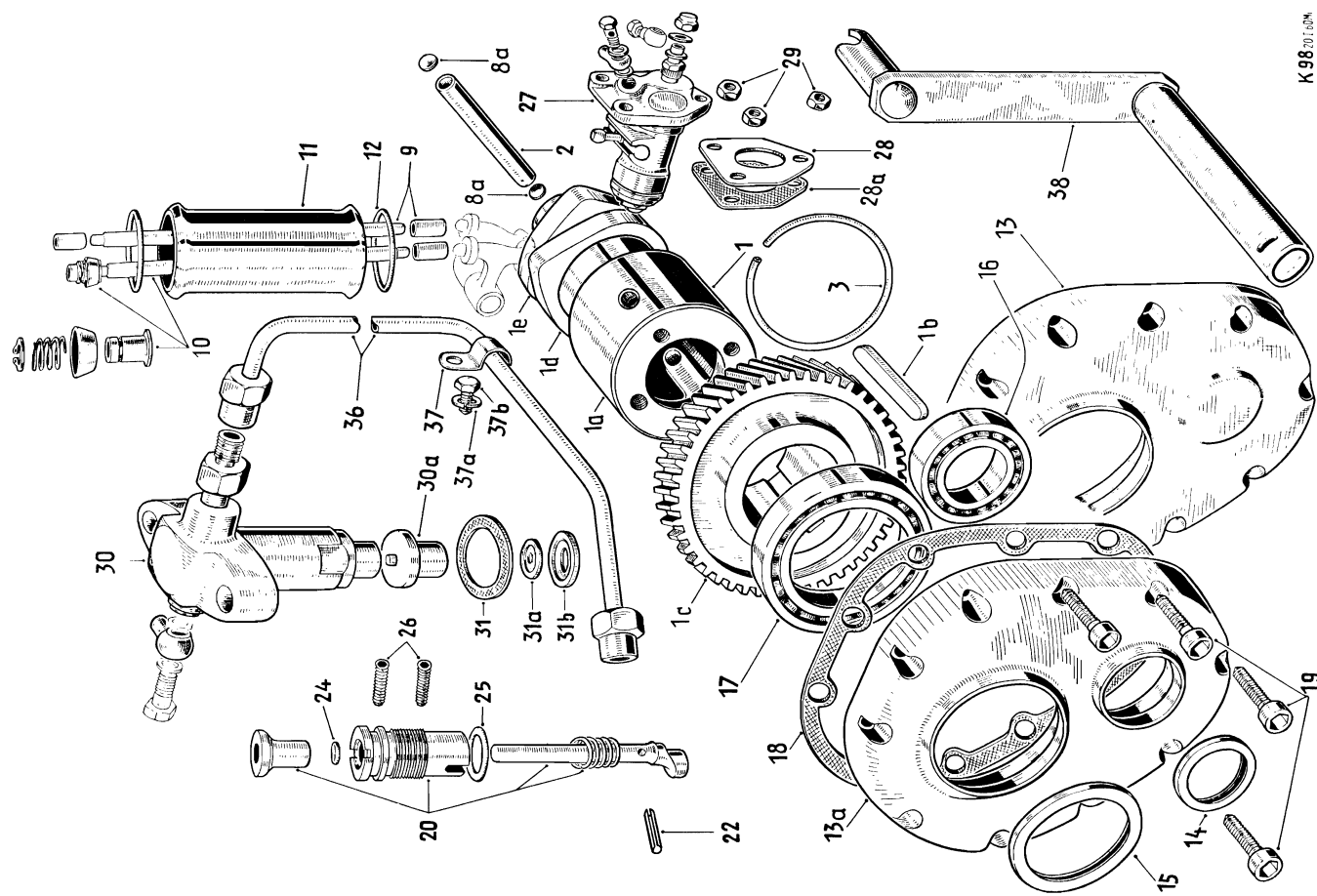
K 96 2.III.59 M.

Table 3



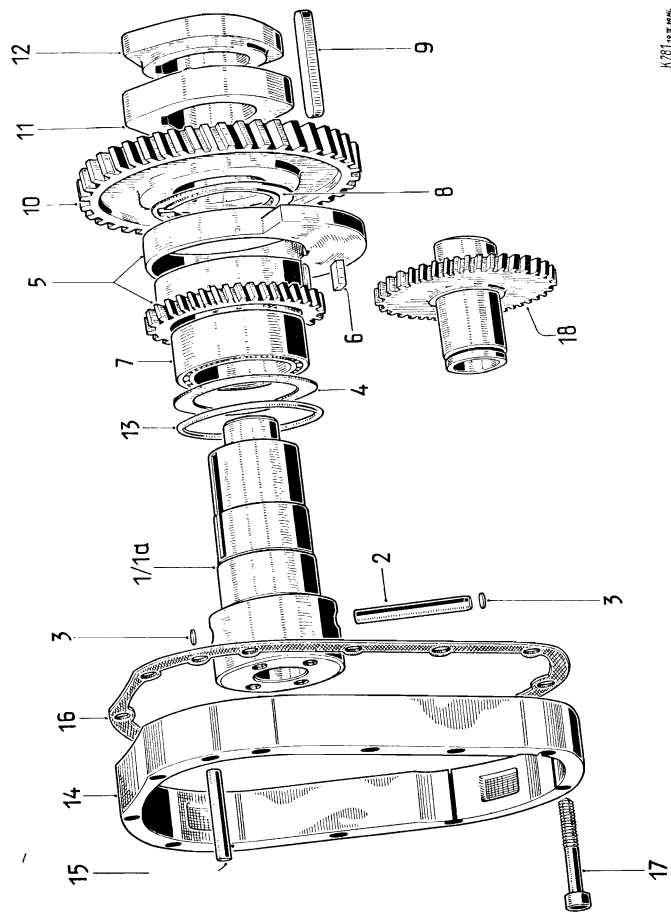
K 97 14.3.59 Mf.

Table 4



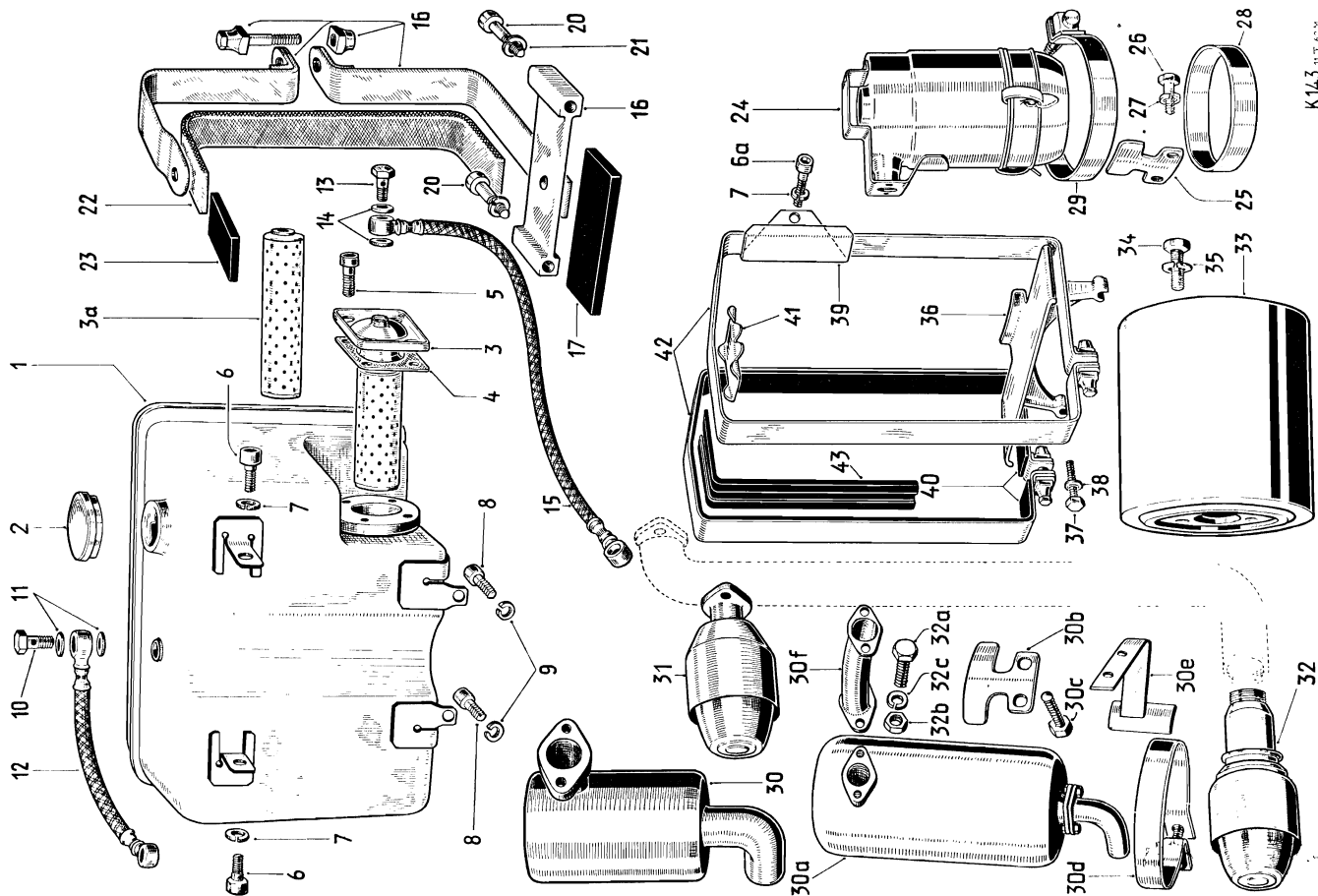
K 98 70.1.60 Mf.

Table 4 a



1/201 1/201 1/201

Table 5



K143 11/11/11

Table 6

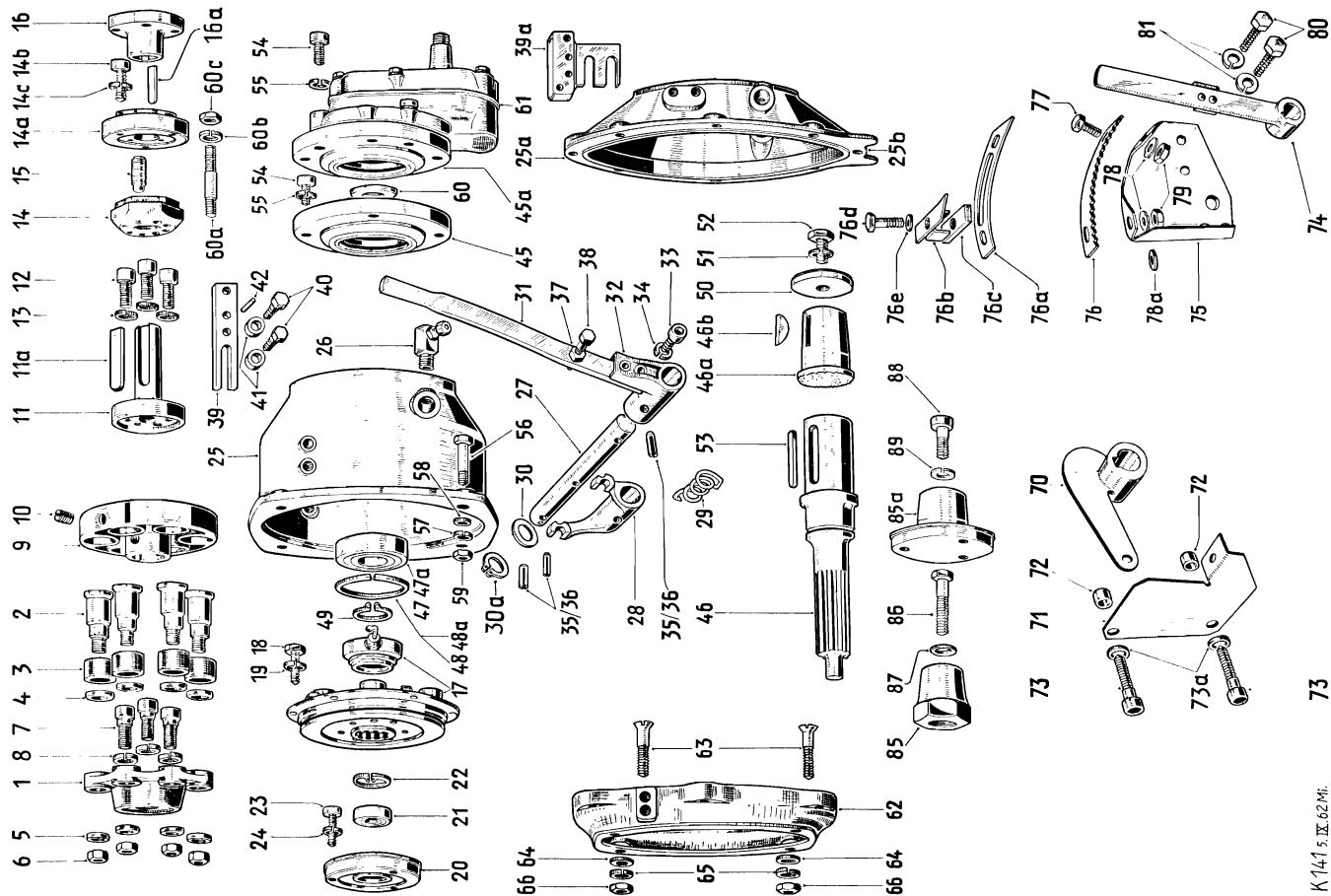


Table 7

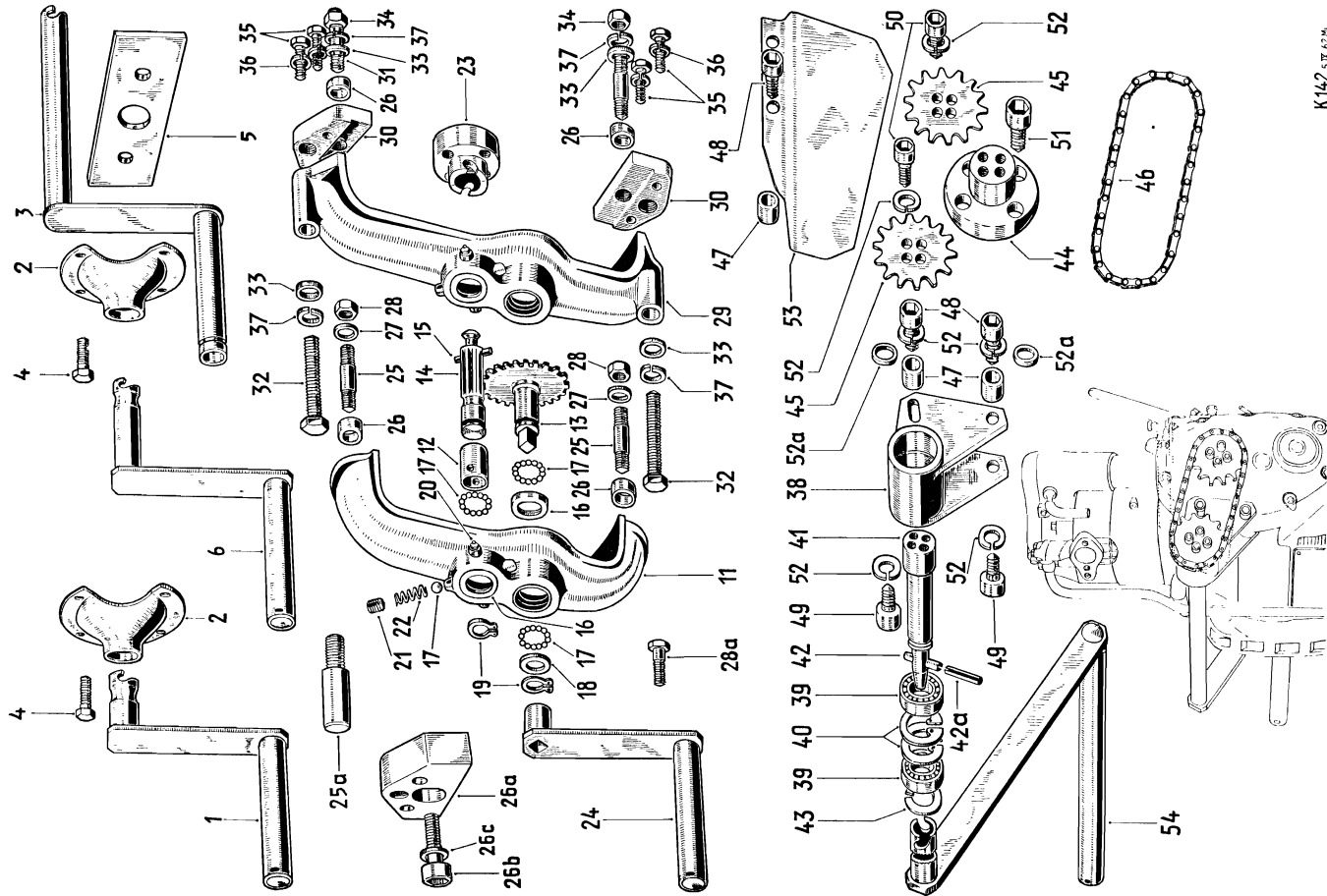
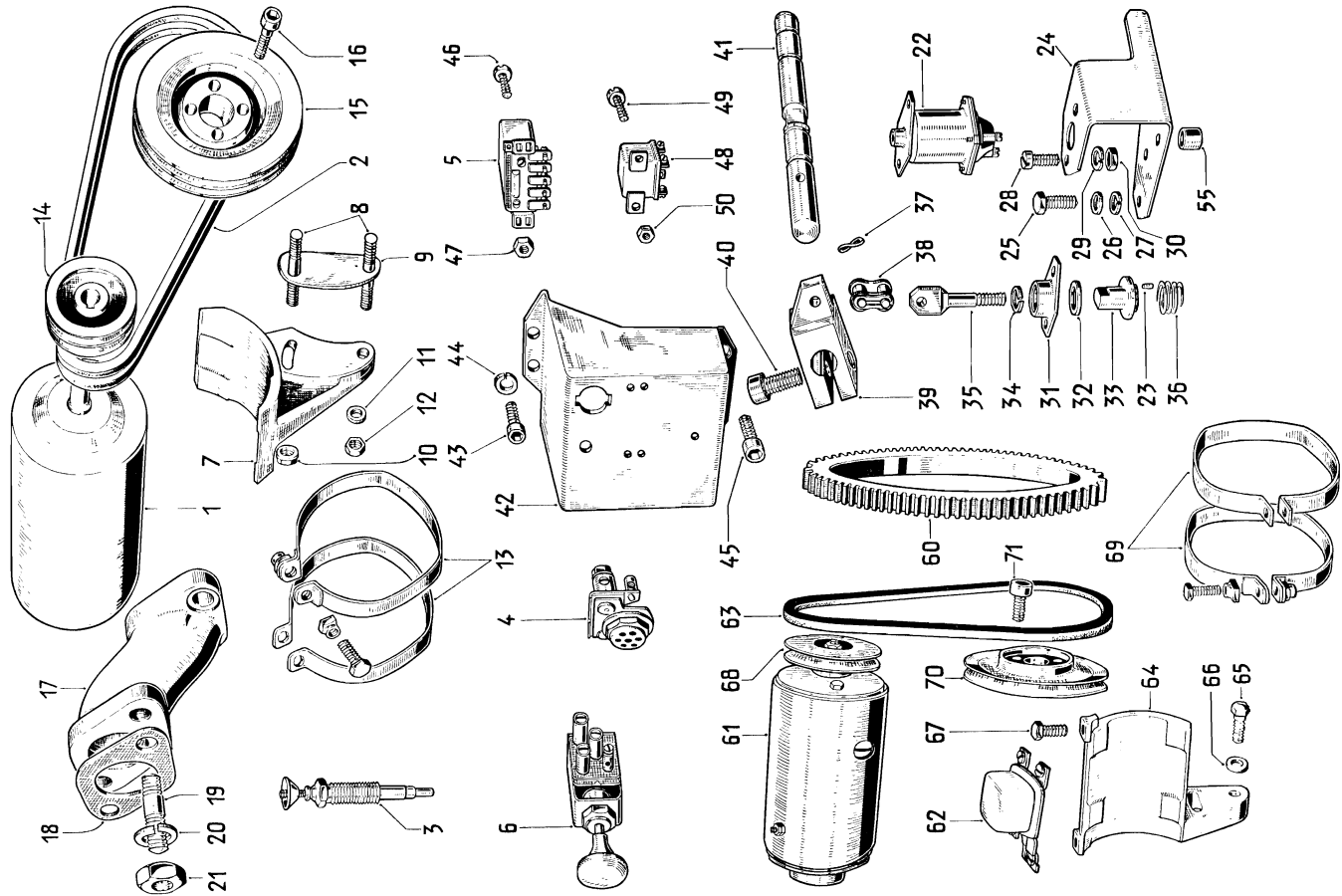
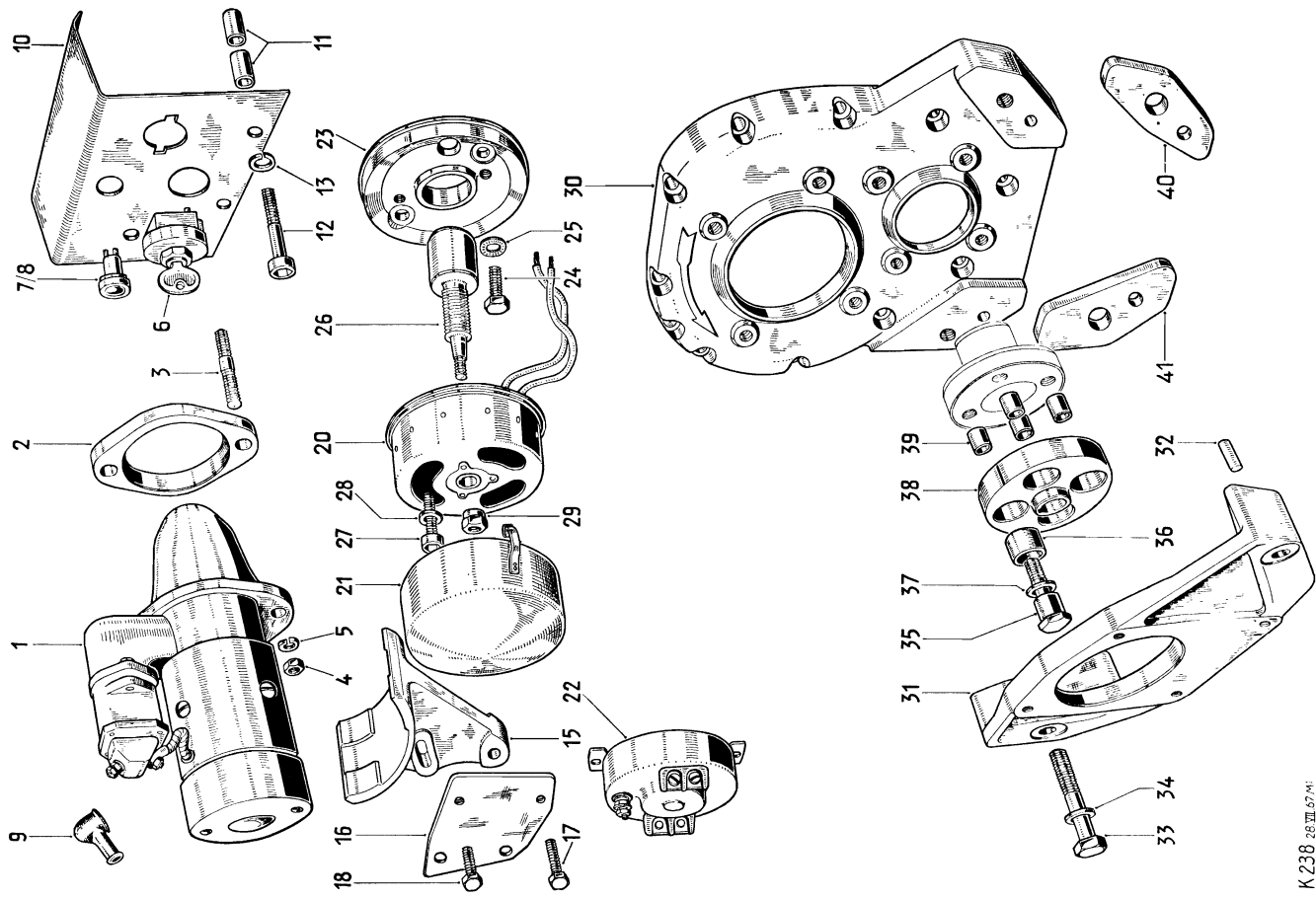


Table 8



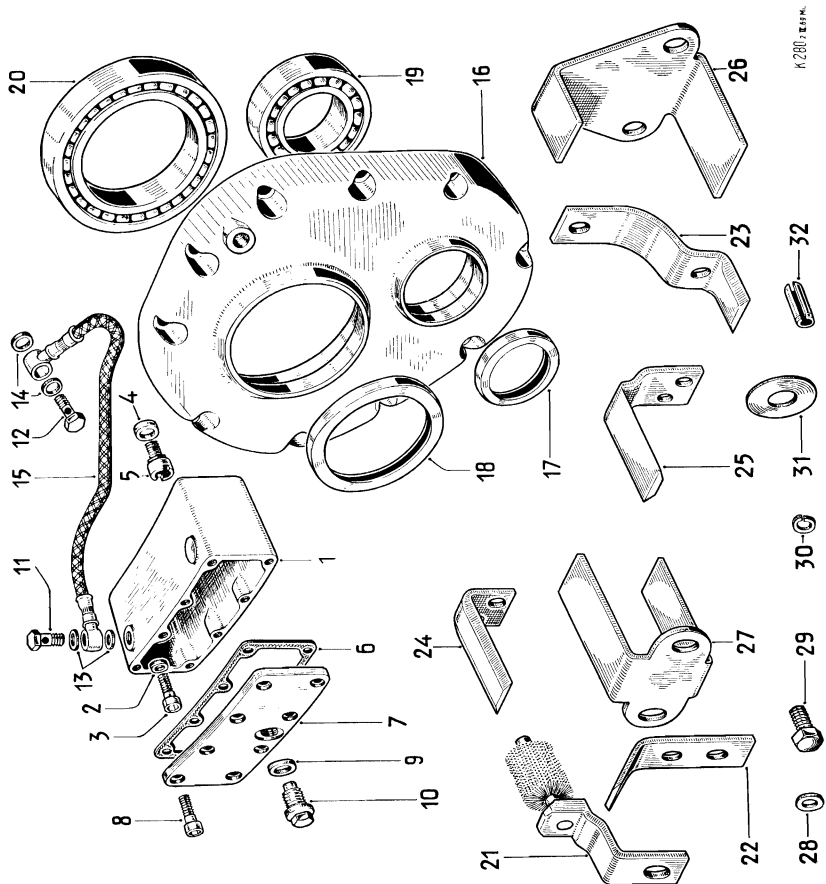
242 26 33 67 11

Table 9



K 238 26 33 67 11

Table 10



1/2801