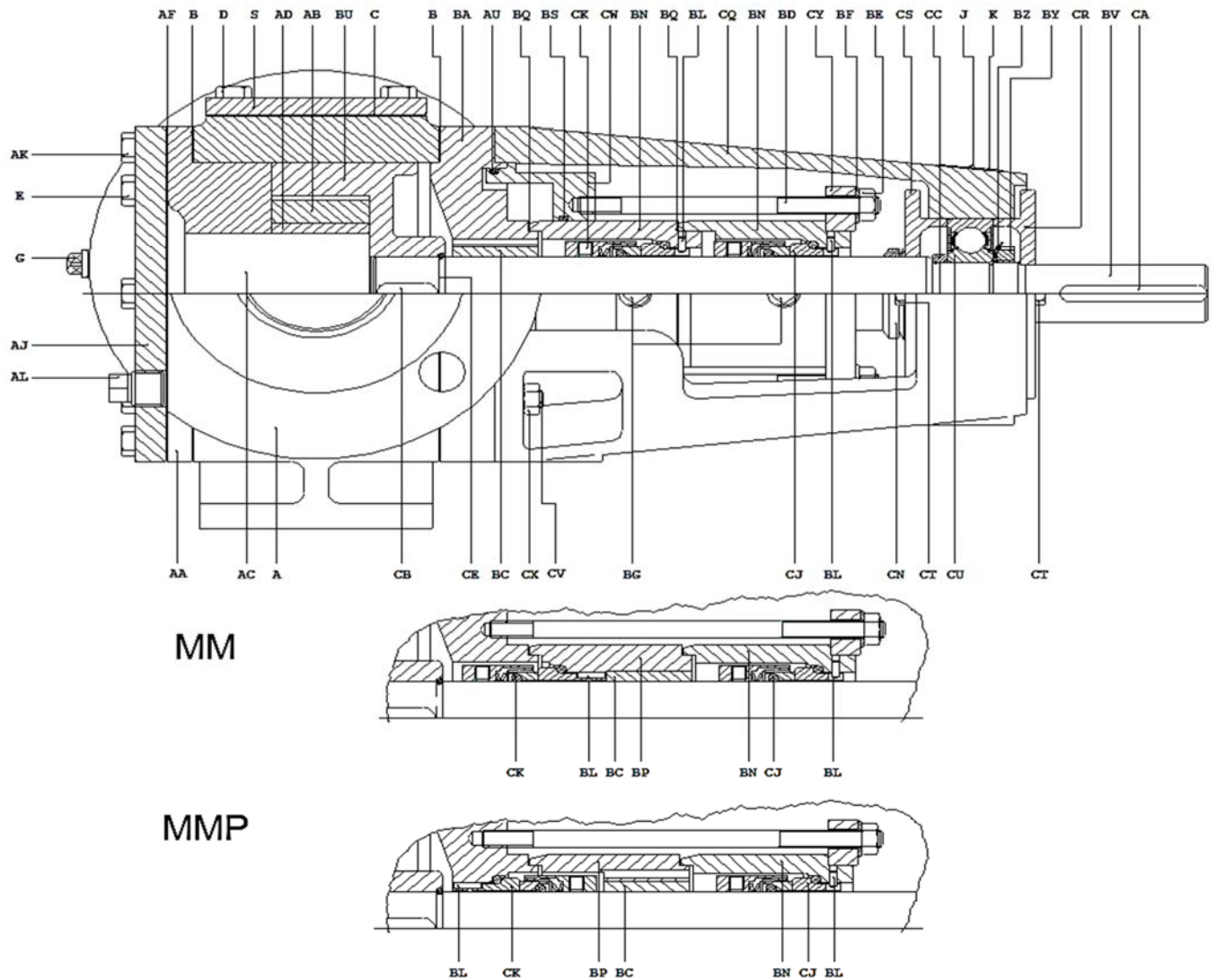


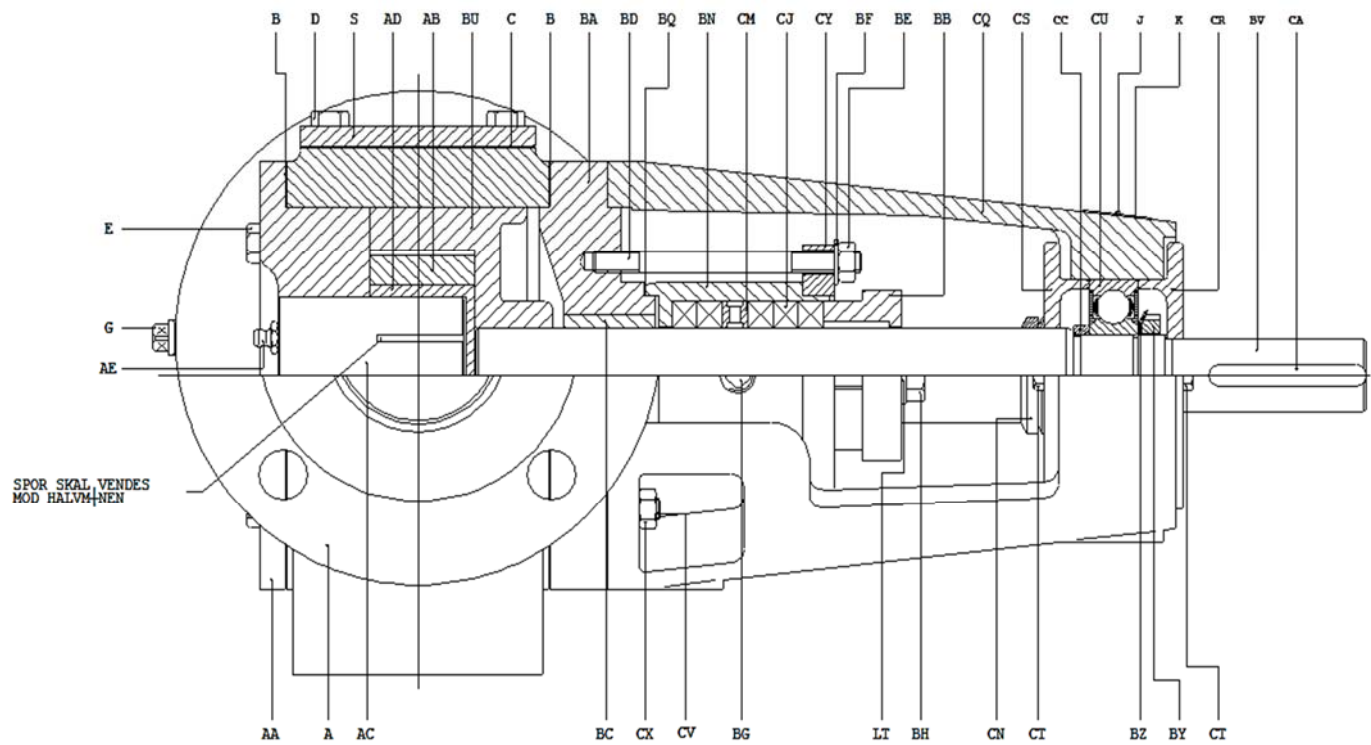
## 23.1 Spare parts drawings

This section contains a representative selection of ROTAN sectional drawings. Not all pump configurations are included, but taken together the drawings selected show the most common position designations and designs.

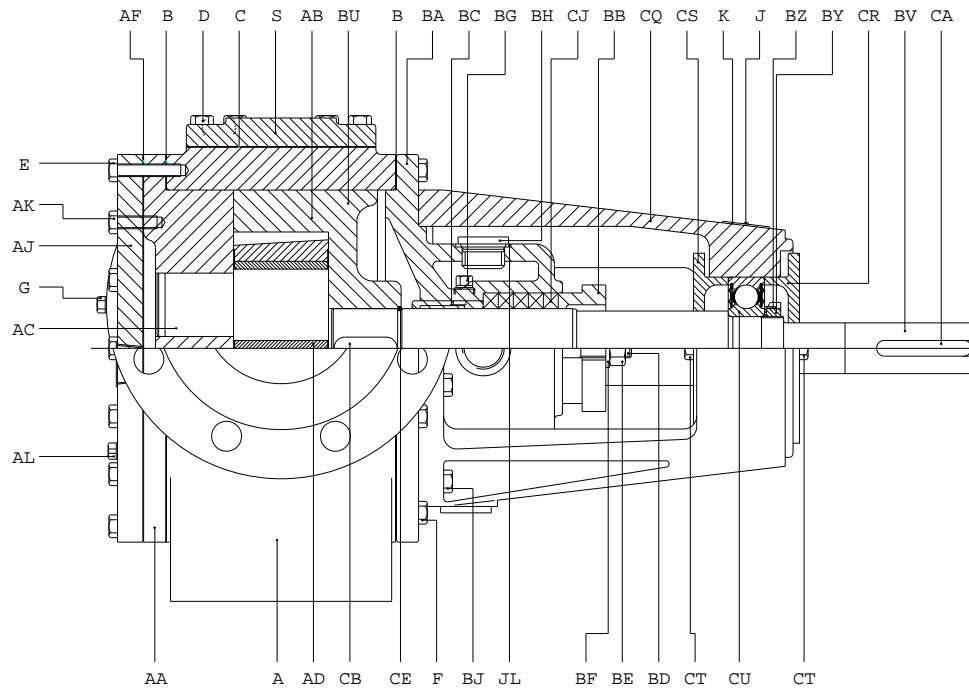
CD/PD..EFDKMMW – (CD/PD..EFMM) – (CD/PD..EFMMP)



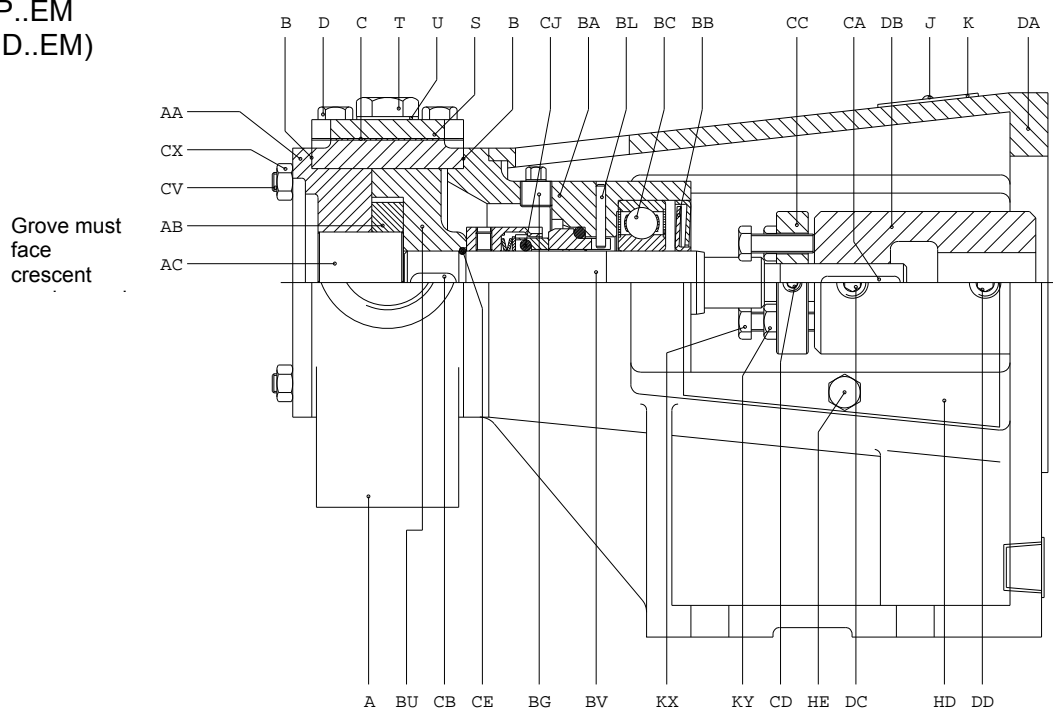
CD/PD..EF



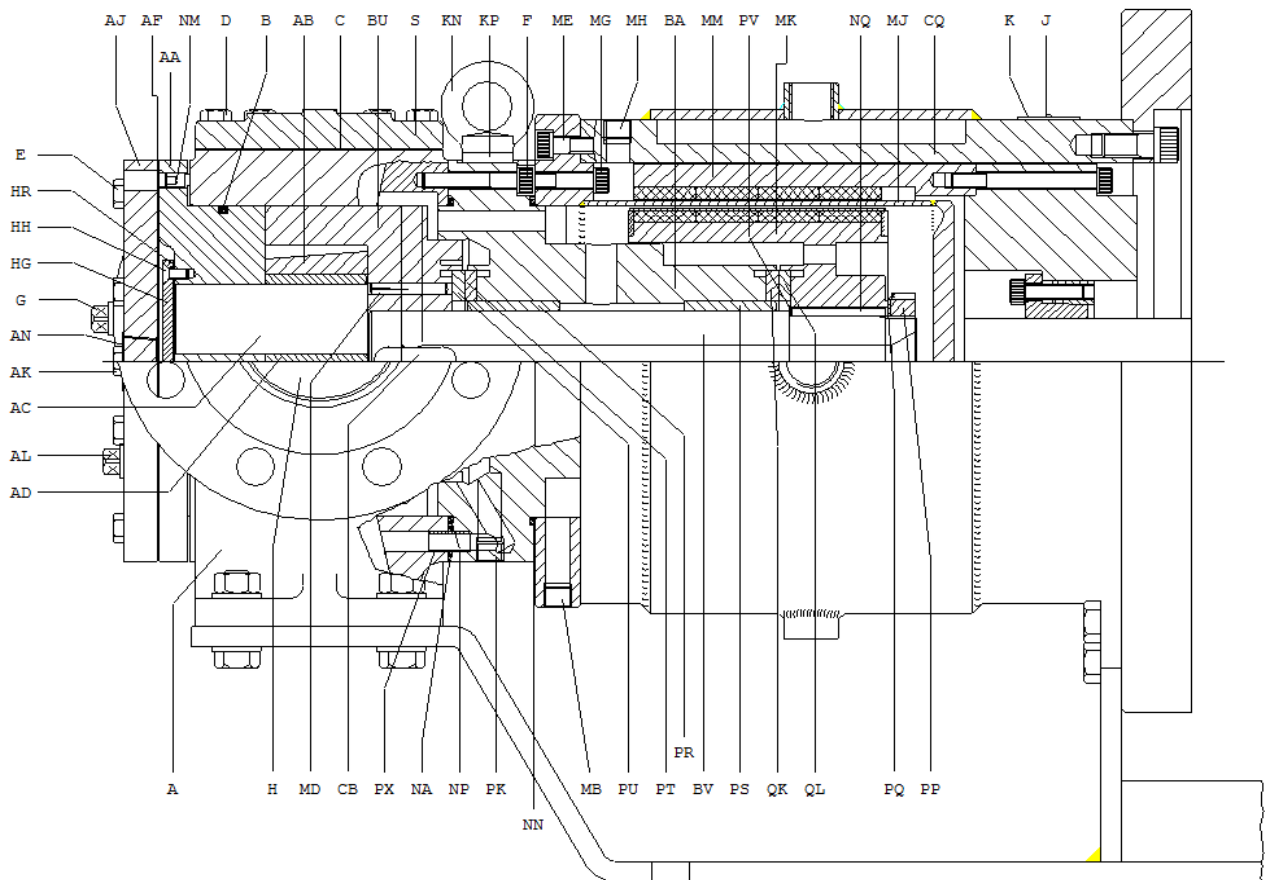
HD..EDK  
(GP..E)  
(HD..ECHD)



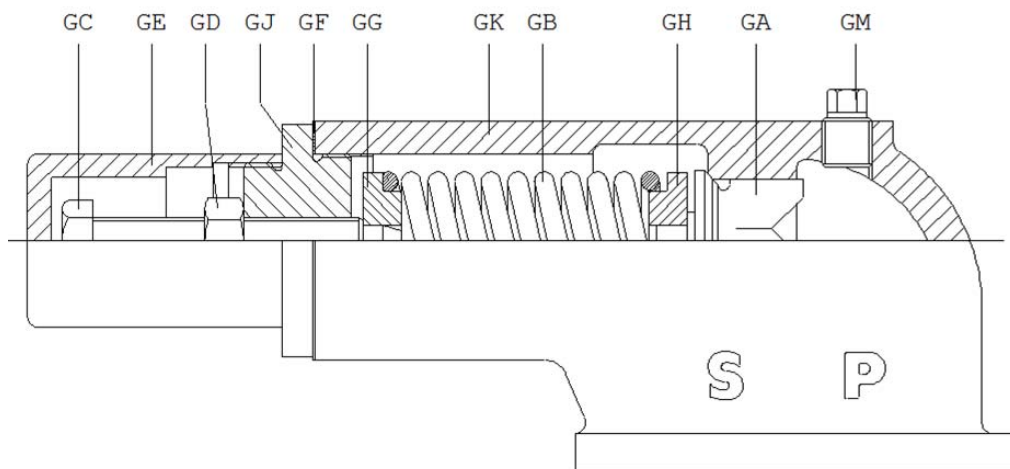
GP..EM  
(HD..EM)



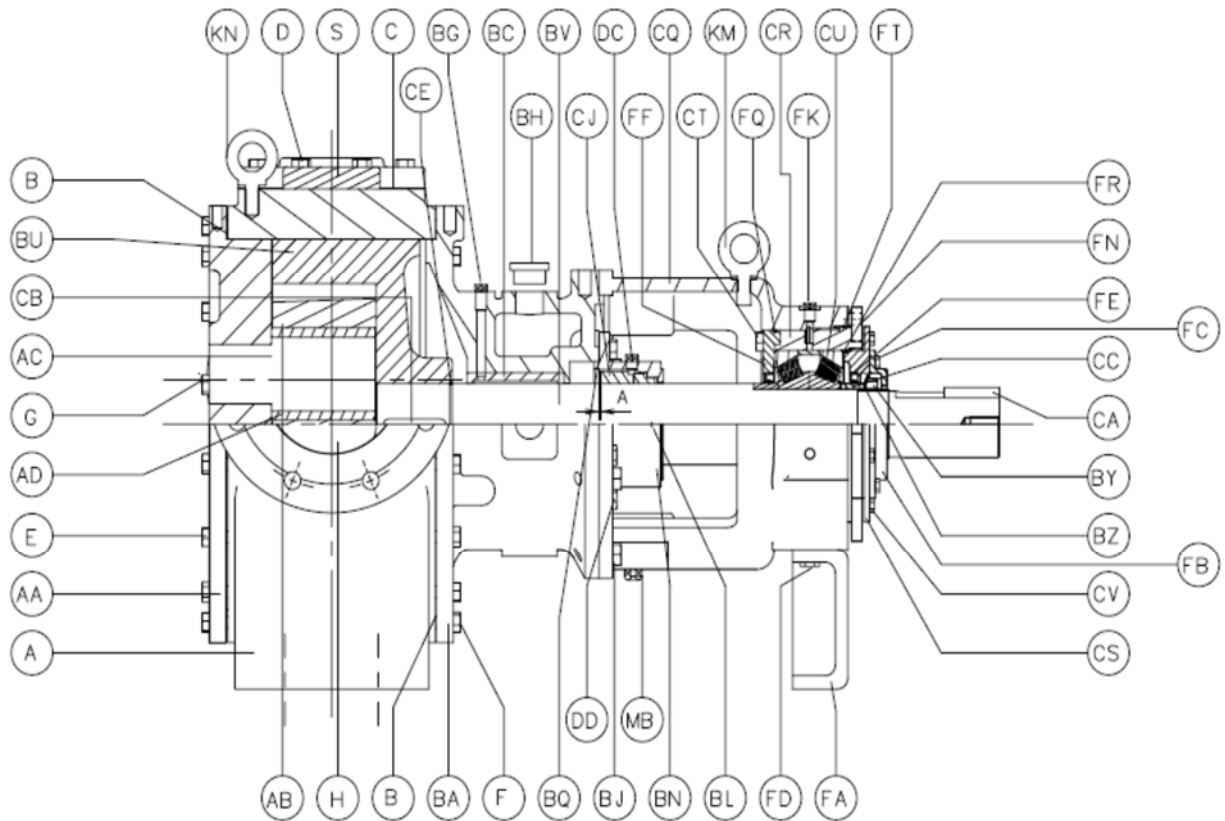
ED...EFDK



Bypass valve for HD,GP (CD,PD,ED)



## HD202EM



## 24. spare part list

<u>Pos.</u>	<u>Designation</u>	<u>Pos.</u>	<u>Designation</u>
A	Pump casing	AB	Idler
B	Gasket/O-ring	AC	Idler pin
C	Gasket	AD	Idler bushing
D	Bolt	AE	Lubrication nipple/pipe plug
E	Bolt	AF	Gasket
F	Bolt	AJ	Heating jacket
G	Pipe plug	AK	Bolt
H	Plastic cap	AL	Pipe plug
J	Drive screw	AU	O-ring
K	Name plate	BA	Rear cover
S	Blind cover	BB	Packing gland/bearing cover
T	Pipe plug	BC	Main bearing bush/Ball bearing
U	Gasket	BD	Stud bolt/bolt
AA	Front cover	BE	Nut
<u>Pos.</u>	<u>Designation</u>	<u>Pos.</u>	<u>Designation</u>
BF	Washer	EG	Seal ring
BG	Pipe plug/lubrication nipple	EJ	Bolt
BH	Bolt/pipe plug	FA	Support
BJ	Bolt	FB	Cover for bearing nut
BL	Priming pin	FC	Set screw
BN	Shaft seal housing	FD	Set screw
BP	Intermediate bearing	FE	Oil seal
BQ	Gasket	FF	Bearing housing cover
BR	Spacer ring	FK	Lubrication nipple
BS	O-ring	FN	Socket set screw
BU	Rotor	FQ	O-ring
BV	Shaft	FR	O-ring
BY	Ball/Roller bearing nut	FT	O-ring
BZ	Ball/Roller bearing lock ring	GA	Valve cone
CA	Key	GB	Key
CB	Key	GC	Adjusting screw
CC	Fixing ring/spacer ring	GD	Nut
CD	Threaded screw	GE	Canister

CE	Snap ring	GF	Gasket
CJ	Packing coil/mechanical shaft seal	GG	Pressure plate
CK	Mechanical shaft seal	GH	Pressure plate
CM	Lantern ring	GJ	Valve cover
CN	V-ring	GK	Valve casing
CQ	Bearing bracket	GM	Pipe plug
CR	Bearing cover/housing	GN	Gasket
CS	Bearing cover	GQ	Bolt
CT	Bolt	GR	Washer
CU	Ball bearing/Roller bearing	HD	Shield
CV	Stud bolt	HE	Bolt
CW	Heating jacket	JL	Gasket
CX	Nut	KX	Bolt
CY	Retaining flange	KY	Bolt
DA	Motor bracket	KM	Eye bolt
DB	Coupling	KN	Eye bolt
DC	Threaded screw/Plug	LT	Washer
DD	Threaded screw	MA	O-ring
EF	O-ring	MB	Pipe plug
<b>Pos.</b>	<b>Designation</b>	<b>Pos.</b>	<b>Designation</b>
MD	Roll pin	MZ	O-ring
ME	Bolt	NA	O-ring
MF	Bolt	NB	Ball bearing
MG	Bolt	NC	Thermal sensor
MJ	Canister	ND	Bearing cover
MK	Inner magnetic rotor	NE	Shaft
ML	Bolt	NF	Cover
MM	Outer magnetic rotor	NG	Disc spring
MN	Washer	NJ	Bolt
MP	Bolt	NK	O-ring
MQ	Bolt	NM	Set screw
MR	Lock ring	NN	O-ring
MS	Key	NP	O-ring
MT	Seal ring	NQ	Key
MU	Connecting flange	NS	Intermediate piece
MV	Complete main bearing	NT	Thread fitting
MW	Spacer ring	NU	O-ring
MX	Bolt	NZ	Draining plug
MY	Cylindrical pin		