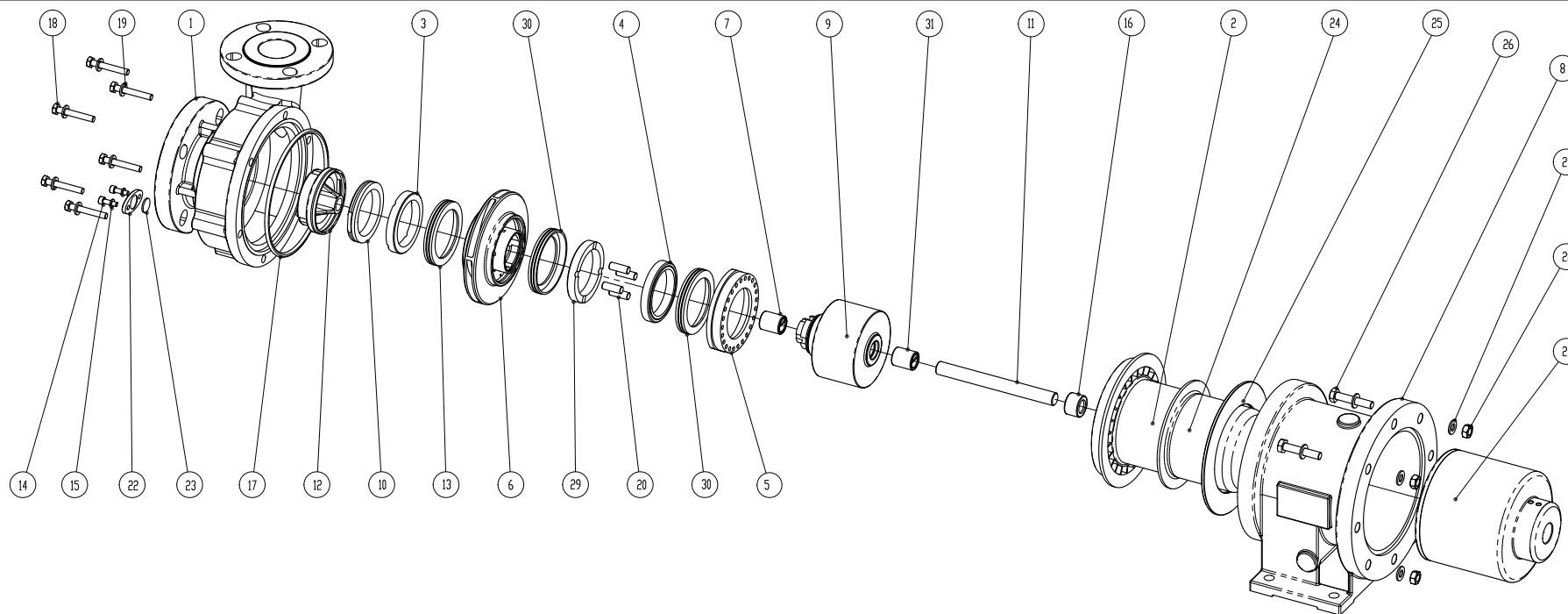


EXPLODED VIEW

CODE: E10438 Rev.:01



Pump model: C MAG-PL50 PP/PFA
Universal Flanges
ITEM:



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97329	Pump Casing	GGG 40.3/PFA	1	17	---	O-ring 4575/BS256	EPDM	1
2	96437	Rear casing	PP	1	18	---	Screw UNI24014 M8x70	AISI 304	6
3	30116	Impeller front thrust bearing	PTFEC	1	19	---	Washer UNI1751 D.8	AISI 304	6
4	98109	Casing thrust bearing	Al2o3	1	20	62550	Internal magnet pin	PVDF	4
5	62374	Rear thrust bearing support	PP	1	21	30063	External magnet	CARBON STEEL**	1
6	62376	Impeller	PP	1	22	98113	Discharge Plug	AISI 304	1
7	30132	Internal magnet front bearings	PTFEC	1	23	98115	Discharge plug gasket	PTFE	1
8	13502	Bracket	CARBON STEEL	1	24	62259	FC Reinforcement	Carbon Fiber Comp.	1
9	62378	Internal magnet	PP*	1	25	62280	Rear casing ring	AISI316	1
10	98109	Casing thrust bearing	SIC	1	26	---	Screw UNI24014 M8x40	AISI 304	4
11	30106	Shaft	Al2o3	1	27	---	Washer UNI6595 D.8	AISI 304	8
12	98106	Shaft support	PP	1	28	---	Nut UNI5588 M8	AISI 304	4
13	93540	Front thrust bearing glove	EPDM	1	29	30115	Impeller rear thrust bearing	PTFEC	1
14	---	Screw UNI5931 M6x20	AISI 304	2	30	93538	Rear thrust bearing glove	EPDM	2
15	---	Washer UNI1751 D.6	AISI 304	2	31	30113	Internal magnet rear bearings	PTFEC	1
16	97506	Rear casing bearing	PTFEC	1					

*,** WITH NEODIMUM MAGNET SECTORS

- This drawing is for reference only

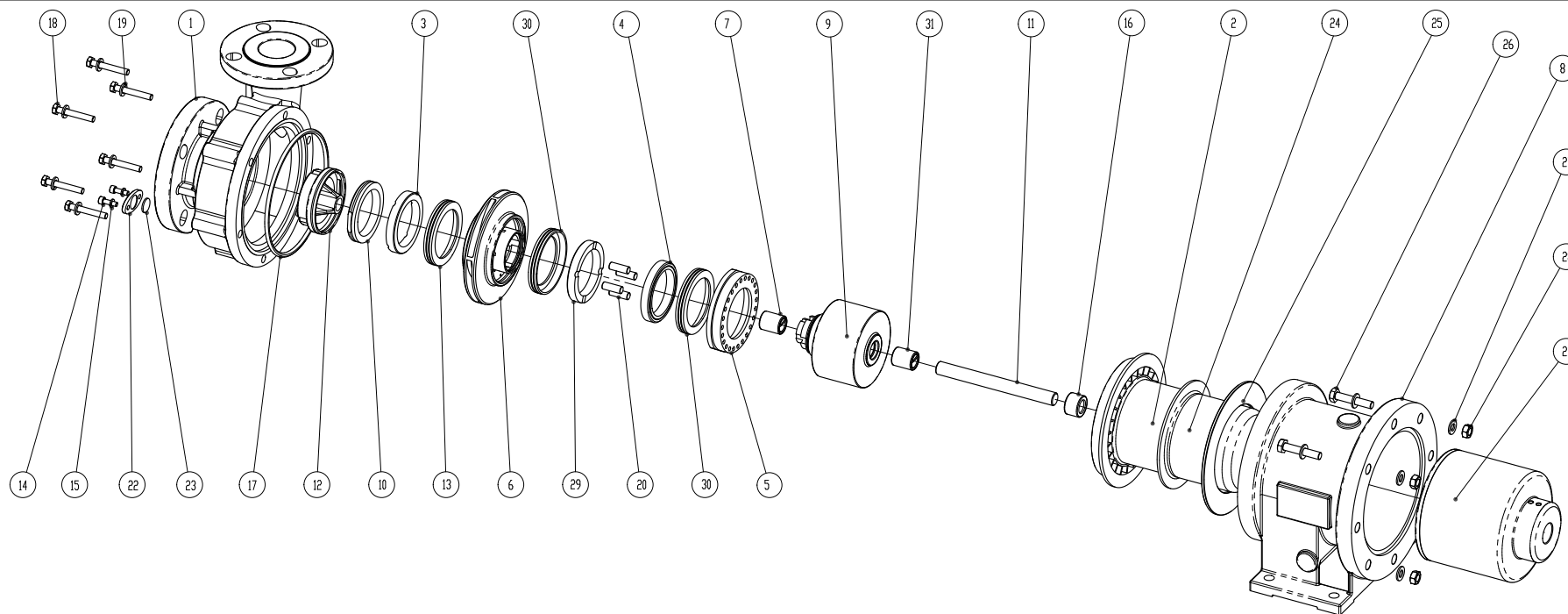
Motor: IEC Gr90 B5
Port connection: Flanged

EXPLODED VIEW

CODE: E10441 Rev.:01



Pump model: C MAG-PL50 PVDF/PFA
Universal Flanges
ITEM:



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97329	Pump Casing	GGG 40.3/PFA	1	17	---	O-ring 4575/BS256	VITON	1
2	96437	Rear casing	PVDF	1	18	---	Screw UNI24014 M8x70	AISI 304	6
3	30116	Impeller front thrust bearing	PTFEC	1	19	---	Washer UNI1751 D.8	AISI 304	6
4	98109	Casing thrust bearing	Al2o3	1	20	62550	Internal magnet pin	PVDF	4
5	62374	Rear thrust bearing support	PVDF	1	21	30063	External magnet	CARBON STEEL**	1
6	62376	Impeller	PVDF	1	22	98113	Discharge Plug	AISI 304	1
7	30132	Internal magnet front bearings	PTFEC	1	23	98115	Discharge plug gasket	PTFE	1
8	13502	Bracket	CARBON STEEL	1	24	62259	FC Reinforcement	Carbon Fiber Comp.	1
9	62378	Internal magnet	PVDF*	1	25	62280	Rear casing ring	AISI316	1
10	98109	Casing thrust bearing	SIC	1	26	---	Screw UNI24014 M8x40	AISI 304	4
11	30106	Shaft	Al2o3	1	27	---	Washer UNI6595 D.8	AISI 304	8
12	98106	Shaft support	PVDF	1	28	---	Nut UNI5588 M8	AISI 304	4
13	93540	Front thrust bearing glove	VITON	1	29	30115	Impeller rear thrust bearing	PTFEC	1
14	---	Screw UNI5931 M6x20	AISI 304	2	30	93538	Rear thrust bearing glove	VITON	2
15	---	Washer UNI1751 D.6	AISI 304	2	31	30113	Internal magnet rear bearings	PTFEC	1
16	97506	Rear casing bearing	PTFEC	1					

*,** WITH NEODIMUM MAGNET SECTORS

- This drawing is for reference only

Motor: IEC Gr90 B5
Port connection: Flanged

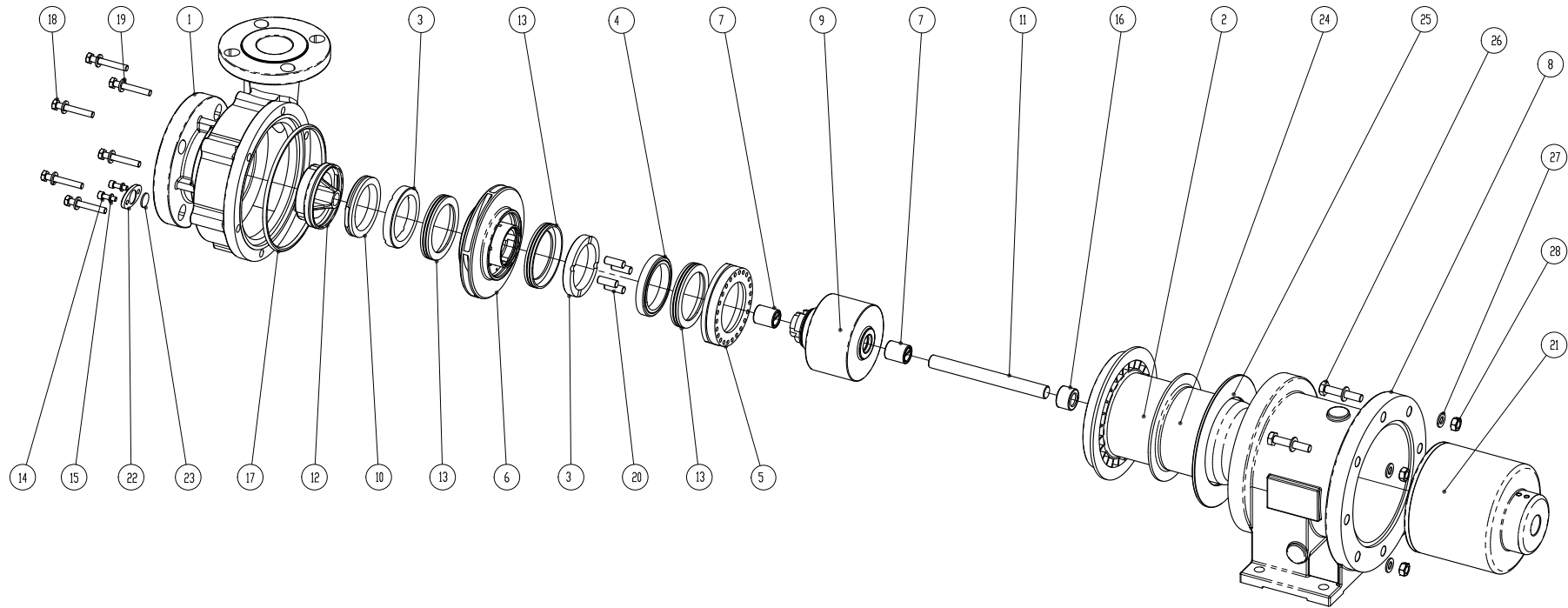
EXPLODED VIEW

CODE: E10439 Rev.:01



Pump model: C MAG-PL65 PP/PFA
Universal Flanges
ITEM:

Motor: IEC Gr100-112 B5
Port connection: Flanged



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97504	Pump Casing	GGG 40.3/PFA	1	15	---	Washer UNI1751 D.6	AISI 304	2
2	12717	Rear casing	PP	1	16	30118	Rear casing bearing	PTFEC	1
3	30119	Impeller thrust bearing	PTFEC	2	17	30118	O-ring 228/BS628	EPDM	1
4	30107	Casing thrust bearing	Al2o3	1	18	---	Screw UNI24014 M8x90	AISI 304	6
5	62422	Rear thrust bearing support	PP	1	19	---	Washer UNI1751 D.8	AISI 304	6
6	62433	Impeller	PP	1	20	62513	internal magnet pin	PVDF	4
7	30133	Internal magnet bearings	PTFEC	2	21	62266	External magnet	CARBON STEEL**	1
8	62230	Bracket	CARBON STEEL	1	22	98113	Discharge Plug	AISI 304	1
9	62424	Internal magnet	PP*	1	23	98115	Discharge plug gasket	PTFE	1
10	98110	Casing thrust bearing	SIC	1	24	62260	FC Reinforcement	Carbon Fiber Comp.	1
11	30008	Shaft	Al2o3	1	25	62439	Rear casing ring	AISI316	1
12	98107	Shaft support	PP	1	26	---	Screw UNI24014 M10x50	AISI 304	4
13	93542	Thrust bearing glove	EPDM	3	27	---	Washer UNI6595 D.10	AISI 304	8
14	---	Screw UNI5931 M6x20	AISI 304	2	28	---	Nut UNI5588 M10	AISI 304	4

*,** WITH NEODIMIUM MAGNET SECTORS

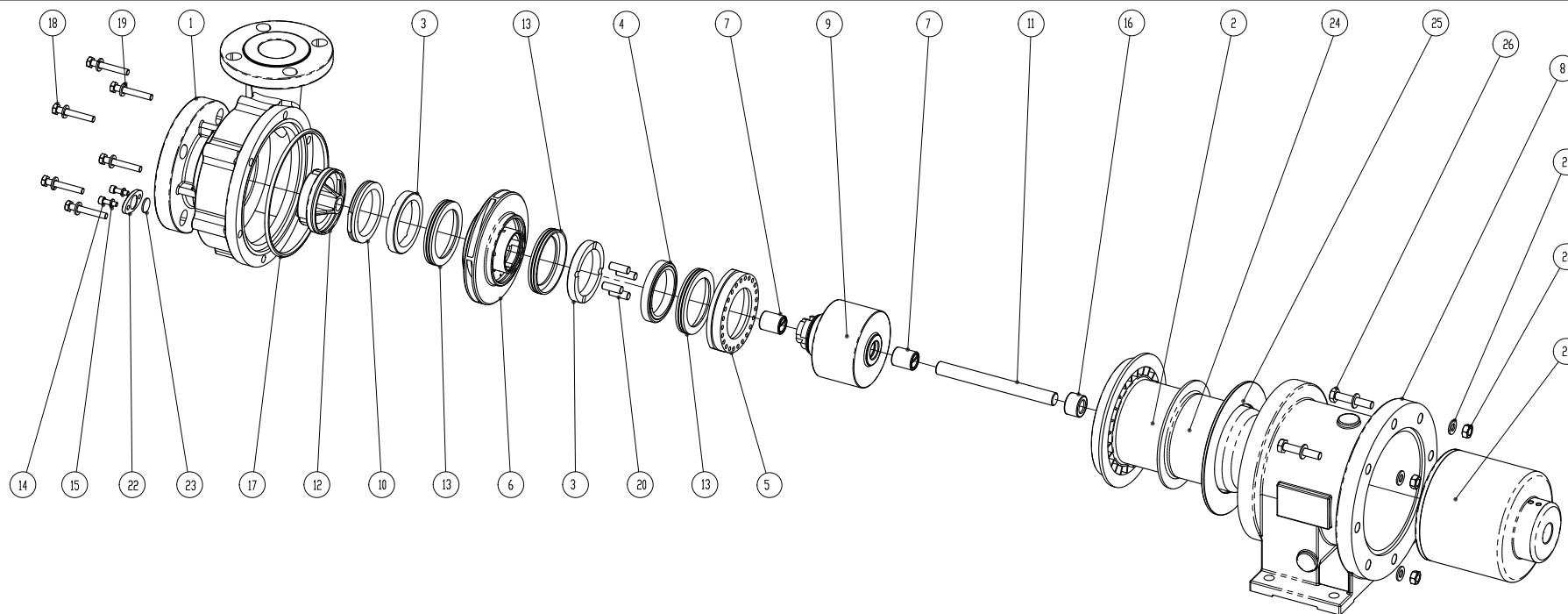
- This drawing is for reference only

EXPLODED VIEW

CODE: E10442 Rev.:01



Pump model: C MAG-PL65 PVDF/PFA
Universal Flanges
ITEM:



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97504	Pump Casing	GGG 40.3/PFA	1	15	---	Washer UNI1751 D.6	AISI 304	2
2	12717	Rear casing	PVDF	1	16	30118	Rear casing bearing	PTFEC	1
3	30119	Impeller thrust bearing	PTFEC	2	17	30118	O-ring 228/BS628	VITON	1
4	30107	Casing thrust bearing	Al2o3	1	18	---	Screw UNI24014 M8x90	AISI 304	6
5	62422	Rear thrust bearing support	PVDF	1	19	---	Washer UNI1751 D.8	AISI 304	6
6	62433	Impeller	PVDF	1	20	62513	internal magnet pin	PVDF	4
7	30133	Internal magnet bearings	PTFEC	2	21	62266	External magnet	CARBON STEEL**	1
8	62230	Bracket	CARBON STEEL	1	22	98113	Discharge Plug	AISI 304	1
9	62424	Internal magnet	PVDF*	1	23	98115	Discharge plug gasket	PTFE	1
10	98110	Casing thrust bearing	SIC	1	24	62260	FC Reinforcement	Carbon Fiber Comp.	1
11	30008	Shaft	Al2o3	1	25	62439	Rear casing ring	AISI316	1
12	98107	Shaft support	PP	1	26	---	Screw UNI24014 M10x50	AISI 304	4
13	93542	Thrust bearing glove	VITON	3	27	---	Washer UNI6595 D.10	AISI 304	8
14	---	Screw UNI5931 M6x20	AISI 304	2	28	---	Nut UNI5588 M10	AISI 304	4

*,** WITH NEODIMIUM MAGNET SECTORS

- This drawing is for reference only

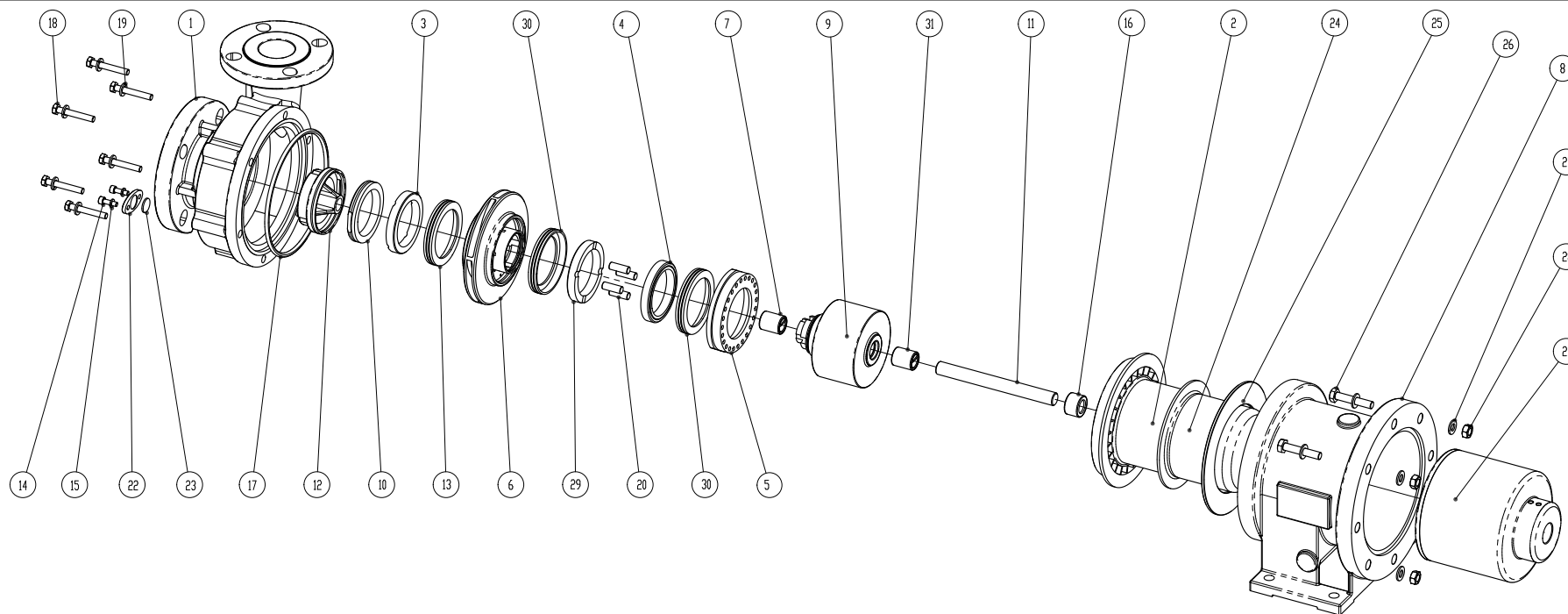
Motor: IEC Gr100-112 B5
Port connection: Flanged

EXPLODED VIEW

CODE: E10440 Rev.:01



Pump model: C MAG-PL80 PP/PFA
Universal Flanges
ITEM:



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97505	Pump Casing	GGG 40.3/PFA	1	17	---	O-ring 228/BS628	EPDM	1
2	12717	Rear casing	PP	1	18	---	Screw UNI24014 M10x100	AISI 304	6
3	30121	Impeller front thrust bearing	PTFEC	1	19	---	Washer UNI1751 D.10	AISI 304	6
4	30107	Casing thrust bearing	Al2o3	1	20	62550	Internal magnet pin	PVDF	4
5	62465	Rear thrust bearing support	PP	1	21	30144	External magnet	CARBON STEEL**	1
6	62466	Impeller	PP	1	22	98113	Discharge Plug	AISI 304	1
7	30134	Internal magnet front bearing	PTFEC	1	23	98115	Discharge plug gasket	PTFE	1
8	62800	Bracket	CARBON STEEL	1	24	62260	FC Reinforcement	Carbon Fiber Comp.	1
9	62461	Internal magnet	PP*	1	25	62439	Rear casing ring	AISI316	1
10	98111	Casing thrust bearing	SIC	1	26	---	Screw UNI24014 M12x60	AISI 304	4
11	30109	Shaft	Al2o3	1	27	---	Washer UNI6595 D.12	AISI 304	8
12	98108	Shaft support	PP	1	28	---	Nut UNI5588 M12	AISI 304	4
13	93544	Front thrust bearing glove	EPDM	1	29	30119	Impeller rear thrust bearing	PTFEC	1
14	---	Screw UNI5931 M6x20	AISI 304	2	30	93542	Rear thrust bearing glove	EPDM	2
15	---	Washer UNI1751 D.6	AISI 304	2	31	30124	Internal magnet rear bearings	PTFEC	1
16	30124	Rear casing bearing	PTFEC	1					

*,** WITH NEODIMUM MAGNET SECTORS

- This drawing is for reference only

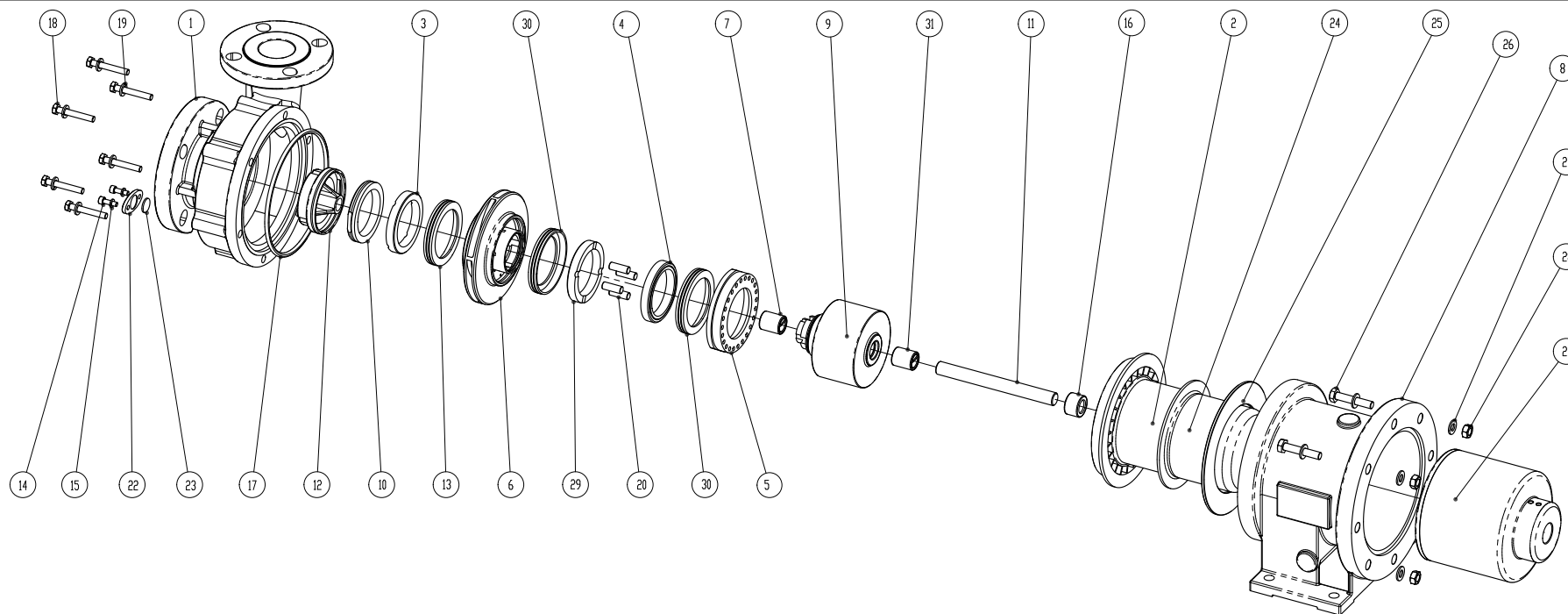
Motor: IEC Gr132 B5
Port connection: Flanged

EXPLODED VIEW

CODE: E10443 Rev.:01



Pump model: C MAG-PL80 PVDF/PFA
Universal Flanges
ITEM:



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97505	Pump Casing	GGG 40.3/PFA	1	17	---	O-ring 228/BS628	VITON	1
2	12717	Rear casing	PVDF	1	18	---	Screw UNI24014 M10x100	AISI 304	6
3	30121	Impeller front thrust bearing	PTFEC	1	19	---	Washer UNI1751 D.10	AISI 304	6
4	30107	Casing thrust bearing	Al2o3	1	20	62550	Internal magnet pin	PVDF	4
5	62465	Rear thrust bearing support	PVDF	1	21	30144	External magnet	CARBON STEEL**	1
6	62466	Impeller	PVDF	1	22	98113	Discharge Plug	AISI 304	1
7	30134	Internal magnet front bearing	PTFEC	1	23	98115	Discharge plug gasket	PTFE	1
8	62800	Bracket	CARBON STEEL	1	24	62260	FC Reinforcement	Carbon Fiber Comp.	1
9	62461	Internal magnet	PVDF*	1	25	62439	Rear casing ring	AISI316	1
10	98111	Casing thrust bearing	SIC	1	26	---	Screw UNI24014 M12x60	AISI 304	4
11	30109	Shaft	Al2o3	1	27	---	Washer UNI6595 D.12	AISI 304	8
12	98108	Shaft support	PVDF	1	28	---	Nut UNI5588 M12	AISI 304	4
13	93544	Front thrust bearing glove	VITON	1	29	30119	Impeller rear thrust bearing	PTFEC	1
14	---	Screw UNI5931 M6x20	AISI 304	2	30	93542	Rear thrust bearing glove	VITON	2
15	---	Washer UNI1751 D.6	AISI 304	2	31	30124	Internal magnet rear bearings	PTFEC	1
16	30124	Rear casing bearing	PTFEC	1					

*,** WITH NEODIMUM MAGNET SECTORS

- This drawing is for reference only

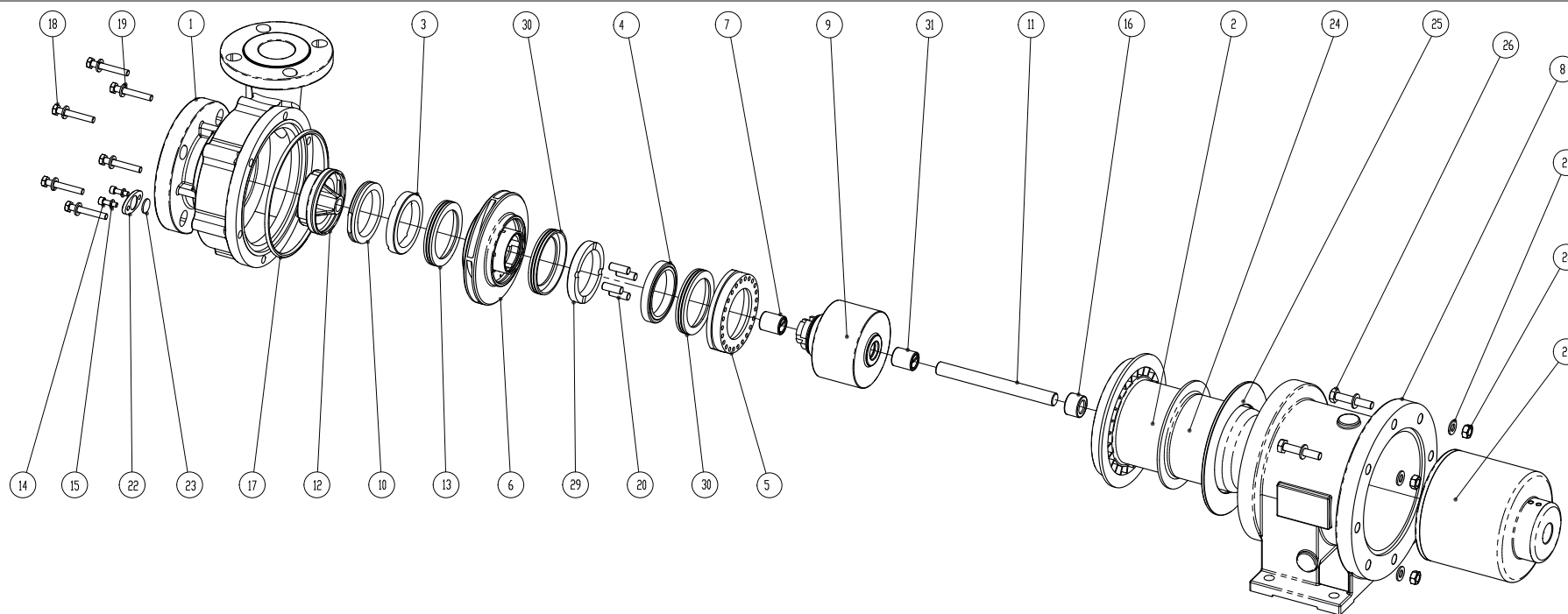
Motor: IEC Gr132 B5
Port connection: Flanged

EXPLODED VIEW

CODE: E10749 Rev.:01



Pump model: C MAG-PL100 PP/PFA
Universal Flanges
ITEM:



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97527	Pump Casing	GGG 40.3/PFA	1	17	---	O-ring 8750/BS443	EPDM	1
2	12717	Rear casing	PP	1	18	---	Screw UNI24014 M12x120	AISI 304	6
3	30125	Impeller front thrust bearing	PTFEC	1	19	---	Washer UNI1751 D.12	AISI 304	6
4	30119	Casing thrust bearing	Al2o3	1	20	62550	Internal magnet pin	PVDF	4
5	62465	Rear thrust bearing support	PP	1	21	96557	External magnet	CARBON STEEL**	1
6	93560	Impeller	PP	1	22	98113	Discharge Plug	AISI 304	1
7	30134	Internal magnet front bearing	PTFEC	1	23	98115	Discharge plug gasket	PTFE	1
8	63251	Bracket	CARBON STEEL	1	24	62260	FC Reinforcement	Carbon Fiber Comp.	1
9	62461	Internal magnet	PP*	1	25	61053	Rear casing ring	AISI316	1
10	18675	Casing thrust bearing	SIC	1	26	---	Screw UNI24014 M16x60	AISI 304	4
11	30109	Shaft	Al2o3	1	27	---	Washer UNI6595 D.16	AISI 304	8
12	98108	Shaft support	PP	1	28	---	Nut UNI5588 M16	AISI 304	4
13	93558	Front thrust bearing glove	EPDM	1	29	30119	Impeller rear thrust bearing	PTFEC	1
14	---	Screw UNI5931 M6x20	AISI 304	2	30	93542	Rear thrust bearing glove	EPDM	2
15	---	Washer UNI1751 D.6	AISI 304	2	31	30124	Internal magnet rear bearings	PTFEC	1
16	30122	Rear casing bearing	PTFEC	1					

*,** WITH NEODIMUM MAGNET SECTORS

- This drawing is for reference only

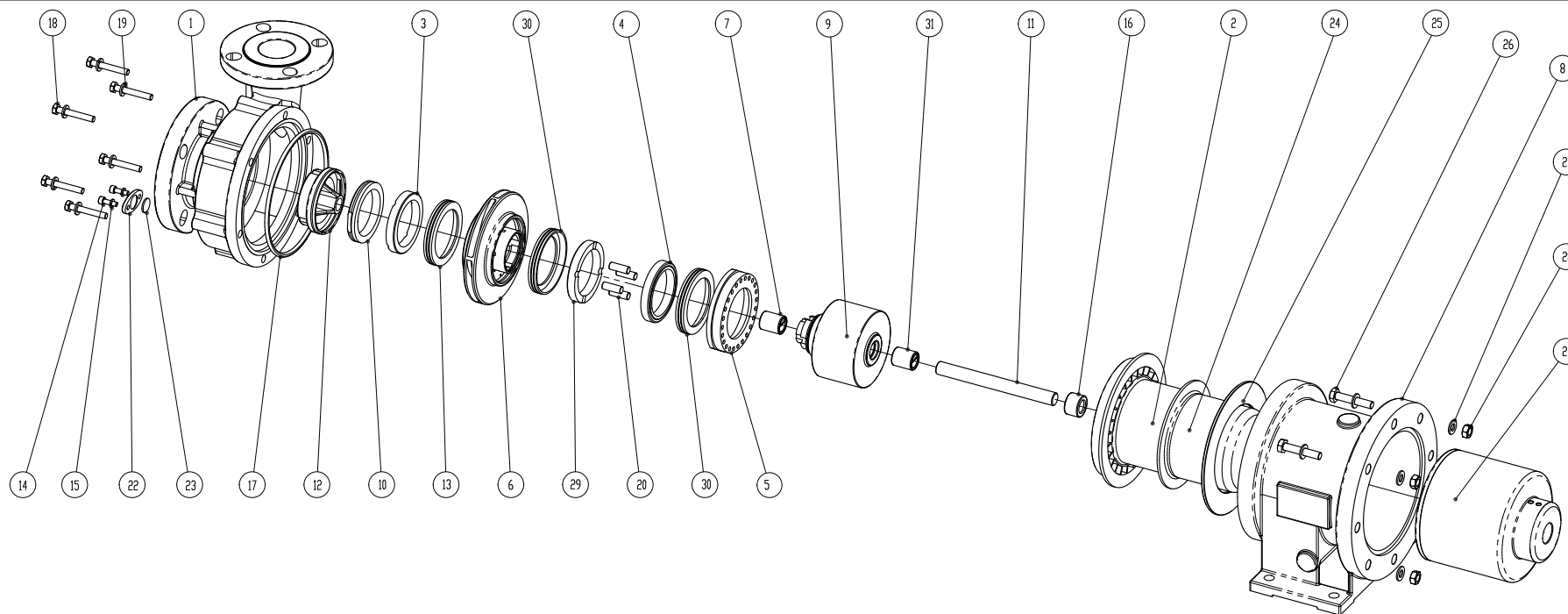
Motor: IEC Gr160 B5
Port connection: Flanged

EXPLODED VIEW

CODE: E10750 Rev.:01



Pump model: C MAG-PL100 PVDF/PFA
Universal Flanges
ITEM:



PART LIST

ITEM N°	CODE	Description	Material	Quantity	ITEM N°	CODE	Description	Material	Quantity
1	97527	Pump Casing	GGG 40.3/PFA	1	17	---	O-ring 8750/BS443	VITON	1
2	12717	Rear casing	PVDF	1	18	---	Screw UNI24014 M12x120	AISI 304	6
3	30125	Impeller front thrust bearing	PTFEC	1	19	---	Washer UNI1751 D.12	AISI 304	6
4	30119	Casing thrust bearing	Al2o3	1	20	62550	Internal magnet pin	PVDF	4
5	62465	Rear thrust bearing support	PVDF	1	21	96557	External magnet	CARBON STEEL**	1
6	93560	Impeller	PVDF	1	22	98113	Discharge Plug	AISI 304	1
7	30134	Internal magnet front bearing	PTFEC	1	23	98115	Discharge plug gasket	PTFE	1
8	63251	Bracket	CARBON STEEL	1	24	62260	FC Reinforcement	Carbon Fiber Comp.	1
9	62461	Internal magnet	PVDF*	1	25	61053	Rear casing ring	AISI316	1
10	18675	Casing thrust bearing	SIC	1	26	---	Screw UNI24014 M16x60	AISI 304	4
11	30109	Shaft	Al2o3	1	27	---	Washer UNI6595 D.16	AISI 304	8
12	98108	Shaft support	PVDF	1	28	---	Nut UNI5588 M16	AISI 304	4
13	93558	Front thrust bearing glove	VITON	1	29	30119	Impeller rear thrust bearing	PTFEC	1
14	---	Screw UNI5931 M6x20	AISI 304	2	30	93542	Rear thrust bearing glove	VITON	2
15	---	Washer UNI1751 D.6	AISI 304	2	31	30124	Internal magnet rear bearings	PTFEC	1
16	30122	Rear casing bearing	PTFEC	1					

*,** WITH NEODIMUM MAGNET SECTORS

- This drawing is for reference only

Motor: IEC Gr160 B5
Port connection: Flanged