

Ready 8S



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1 Introduction

Purpose of this manual

The purpose of this manual is to provide necessary information on spare parts and accessories order.

Disclaimer

Always use genuine Flygt parts. The use of other spare parts or accessories can invalidate any claims for warranty or compensation. Xylem does not take any responsibility for damages that are caused by the use of non-original parts. For more information, contact your local sales and service representative.

Data for ordering spare parts

The following information is needed for spare part orders:

- Serial number of the product
- Part number
- Quantity of bulk material, see * in tables

1.1 Specially approved products

Qualification of personnel

Only Xylem or Xylem-authorized service personnel may undertake repair work on specially approved products.

Dimensional accuracy inspection

Spare parts marked with (Ex) after the part number are subject to dimensional accuracy inspection when used in specially approved products.

2 Product Description

2.1 Products included

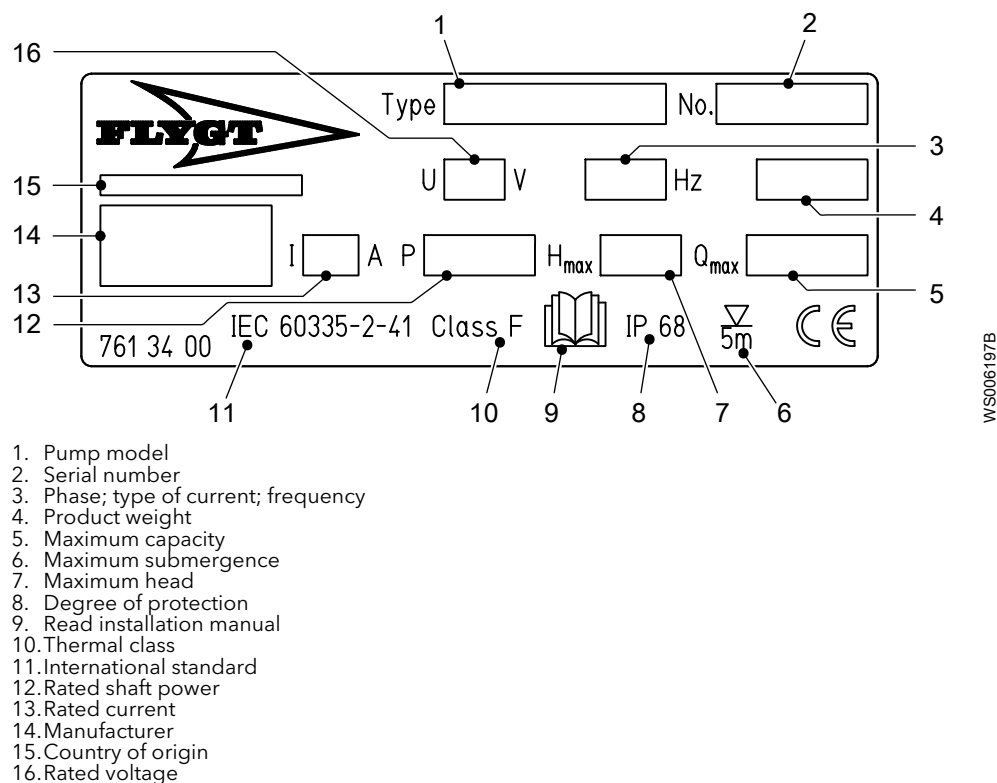
Pump model	Standard	EX	MSHA	Drainage	Sludge
Ready 8S, 2008.281	X				X

2.2 The data plate

Introduction

The data plate is located on the main body of the pump. The data plate lists key product specifications.

The data plate



2.3 Product denomination

Reading instruction

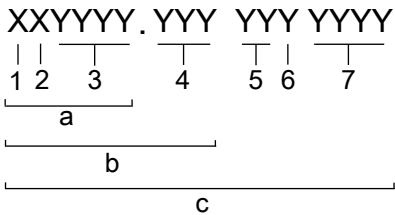
In this section, code characters are illustrated accordingly:

X = letter

Y = digit

The different types of codes are marked up with a, b and c. Code parameters are marked up with numbers.

Codes and parameters

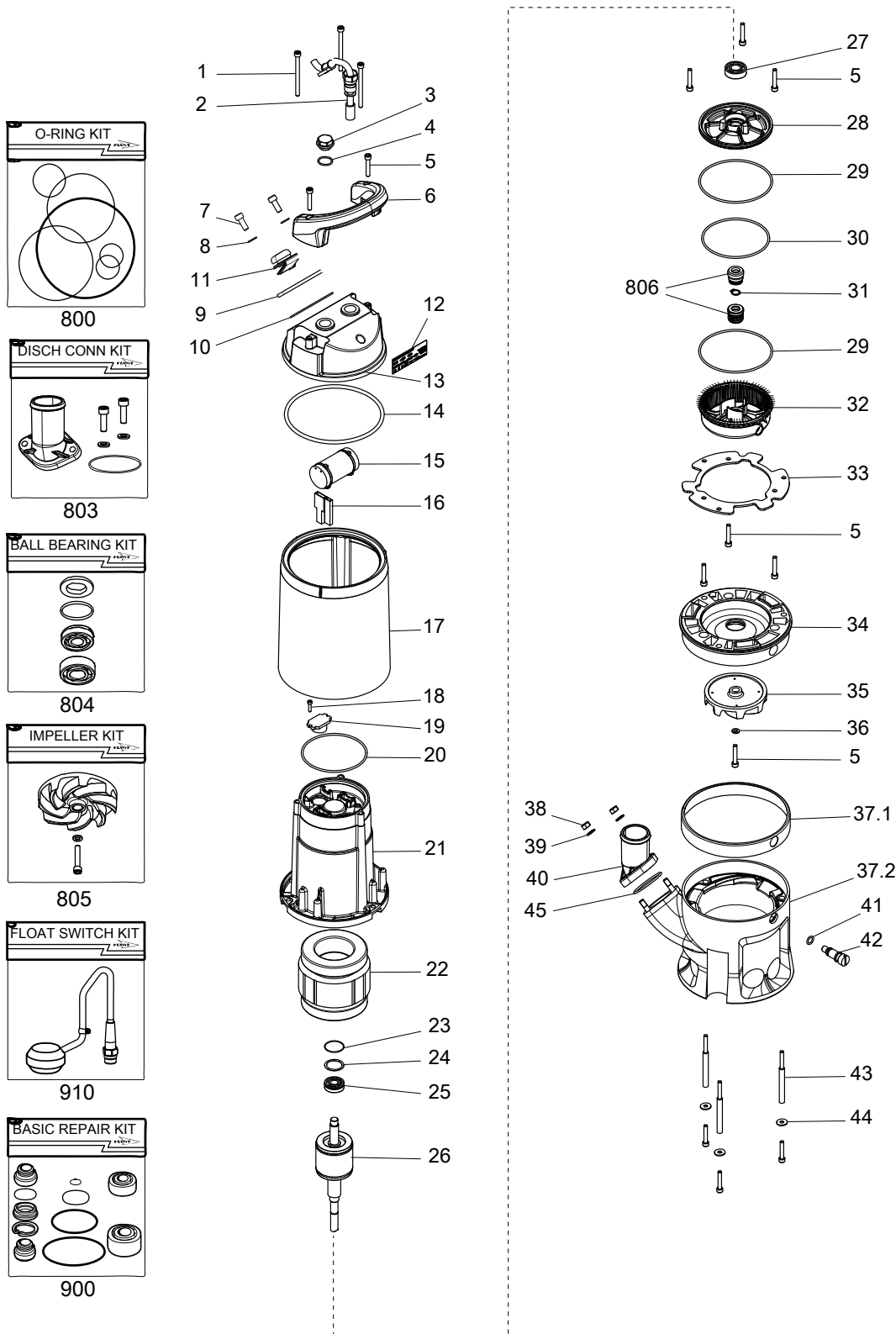


WS006265B

Type of Callout	Number	Indication
Type of code	a	Sales denomination
	b	Product code
	c	Serial number
Parameter	1	Hydraulic end
	2	Type of installation
	3	Sales code
	4	Version
	5	Production year
	6	Production cycle
	7	Running number

3 Spare Parts

3.1 Exploded view



20110C_expl_view_2008.281

3.2 List of parts

Pos. No	Part. No	Denomination	Qty/Version
			281
1	81 65 45	Hex.socket hd screw M6X80-A2-70	3
2	761 03 00	Motor cable unit 532.1U+H07RN-F 3X1 MM2	1
2	761 03 07	Motor cable unit H07RN-F 3x1	1
2	761 03 01	Motor cable unit SOOW-16AWG/3 115V USA CDN	1
2	761 03 05	Motor cable unit SOW-16AWG/3 230V USA CDN	1
2	761 03 04	Motor cable unit H07RN-F 3X1 MM2 110V GB	1
2	761 03 02	Motor cable unit H07RN-F 3X1 MM2 230V GB	1
2	761 03 03	Motor cable unit H07RN-F 3X1 MM2 230V AUS	1
3	761 05 00	Plug	1
4	82 76 96	O-ring 20.0X2.0 NBR	1
5	82 00 19	Hex.socket hd screw M6X35-A2-70	12
6	760 58 00	Handle	1
7	82 00 32	Hex.socket hd screw M8X20-A2-70	2
8	82 35 16	Plain washer 8.4X16X1.6-A2-140HV	2
9	83 18 24	Coupling part	1
10	713 08 00	Gasket	1
11	767 20 00	Valve unit	1
12	761 34 00	Data plate	1
13	760 57 00	Cover	1
14	82 74 83	O-ring 149.3X5.7 NBR	1
15	84 11 81	Capacitor 30 MFD 275V	1
15	84 11 80	Capacitor 14 MFD 450V	1
15	84 11 82	Capacitor 35 MFD 275V	1
16	83 44 11	Terminal device 48X12X6 MAX.380V 18A	1
16	83 44 12	Terminal device 54X21X8.5 MAX.380V 18A	1
17	760 56 00	Cooling jacket ALUMINUM	1
18	81 99 86	Hex.socket hd screw M4X16-A2-70	1
19	84 03 27	Motor switch 115V 50HZ	1
19	84 03 28	Motor switch 230V 50HZ	1
19	84 03 30	Motor switch 115V 60HZ	1
19	84 03 33	Motor switch 230V 60HZ	1
20	82 74 73	O-ring 99.5X3.0 NBR	1
21	760 55 00	Stator housing	1

Pos. No	Part. No	Denomination	Qty/Version
			281
22	690 42 01	Stator 12-08-2b 1-phase 50 Hz 2-poles 115V 1-phase 60 Hz 2-poles 115V	1
22	690 42 02	Stator 12-08-2b 1-phase 50 Hz 2-poles 230V-240V 1-phase 60 Hz 2-poles 220V-230V	1
23	82 56 23	Spring washer 31.5X25X0.35	1
24	82 77 19	O-ring 26.0X1.2 NBR	1
25	83 51 47	Ball bearing 12X32X10	1
26	761 02 01	Shaft unit	1
27	83 32 42	Ball bearing 15X35X11	1
28	761 54 00	Bearing housing	1
29	82 74 76	O-ring 114.5X3.0 NBR	2
30	82 74 74	O-ring 104.5X3.0 NBR	1
31	82 60 84	Retaining ring	1
32	561 48 01	Oil housing	1
33	761 56 00	Washer 114.7X175.5X3	1
34	561 54 00	Wear protection	1
35	712 84 00	Impeller MT 50Hz 1-phase Curve code: 200	1
35	712 84 02	Impeller MT 60Hz 1-phase Curve code: 204	1
36	82 37 09	Plain washer 6.7X14X3-A2-140HV	1
37	701 31 00	Pump housing unit	1
37,1	702 69 00	Supporting ring	1
37,2	702 68 00	Pump housing	1
38	82 23 32	Hexagon nut M8-A4-70	2
39	82 35 16	Plain washer 8.4X16X1.6-A2-140HV	2
40	708 99 00	Discharge connection 2" DN 50 Hose Thread : ISO G2A Outer Second outlet included	1
40	708 99 02	Discharge connection ISO G2" DN 50 Thread : ISO G2A Outer Quick coupling: Storz DN 50 Hose Thread : ISO G2A Outer Second outlet included	1
40	708 99 01	Discharge connection NPSM 2" DN 50 Thread : NPSM 2-11 1/2 Outer	1
41	82 73 82	O-ring 10.3X2.4 NBR	1
42	561 50 02	Inspection screw	1
43	760 59 00	Barrel nut	3
44	82 37 93	Plain washer 6.4X18X1.6-A4-170HV	3
45	82 77 95	O-ring 52.5X3.0 NBR	1
800	769 66 00	O-ring kit NBR	1
803	714 85 00	Discharge conn. kit 2"	1
803	714 85 01	Discharge conn. kit NPSM 2"	1
803	714 85 02	Discharge conn. kit G2"	1
804	618 17 00	Ball bearing kit	1
804,1	82 56 23	Spring washer 31.5X25X0.35	1
804,2	82 77 19	O-ring 26.0X1.2 NBR	1
804,3	83 32 42	Ball bearing 15X35X11	1
804,4	83 51 47	Ball bearing 12X32X10	1

Pos. No	Part. No	Denomination	Qty/Version
			281
805	769 69 00	Impeller kit	1
805	769 69 01	Impeller kit	1
806	618 16 00	Seal kit COMPLETE TYPE B CARBON/AL2O3	1
807	621 02 00	Outer seal kit TYPE B RSIC/RSIC	1
814	761 32 00	Level switch kit EU	1
814	761 32 01	Level switch kit CSA UL	1
900	793 20 00	Basic repair kit	1