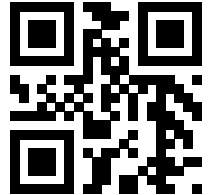


WS003926A

Parts List

883379_5.0



P7061

Hydraulic Unit

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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

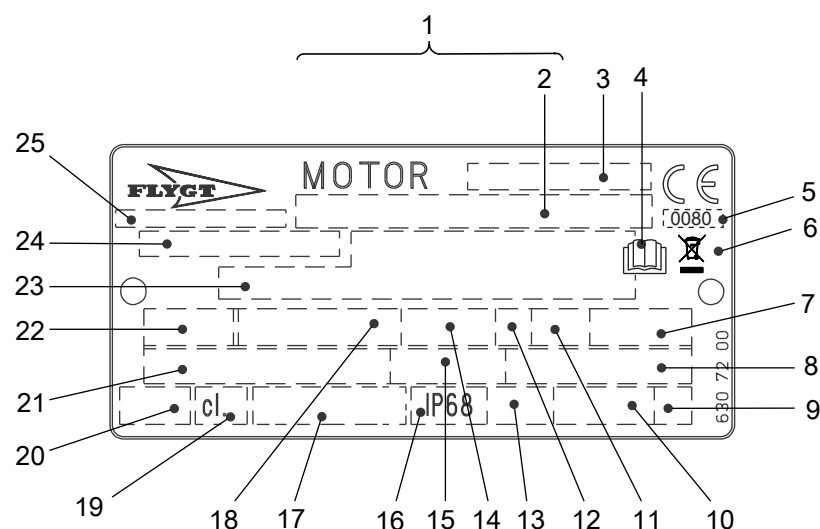
Spare parts marked with (Ex) after the part number are subject to dimensional accuracy inspection when used in specially approved products.

2 Product Description

2.1 The data plates

The data plates include key product specifications.

Drive unit



WS006226B

1. Serial number
2. Product code and number
3. Motor denomination
4. Read installation manual
5. Notified body, only for EN-approved Ex products
6. WEEE-Directive symbol
7. Maximum ambient temperature
8. Power factor
9. Locked rotor code letter
10. Product weight
11. Duty factor
12. Duty class
13. Maximum submergence
14. Rated speed
15. Rated current
16. Degree of protection
17. International standard
18. Rated shaft power
19. Thermal class
20. Thermal protection
21. Rated voltage
22. Phase; Type of current; Frequency
23. Additional information
24. Product number
25. Country of origin

Figure 1: The drive unit plate valid from 990101

Hydraulic unit

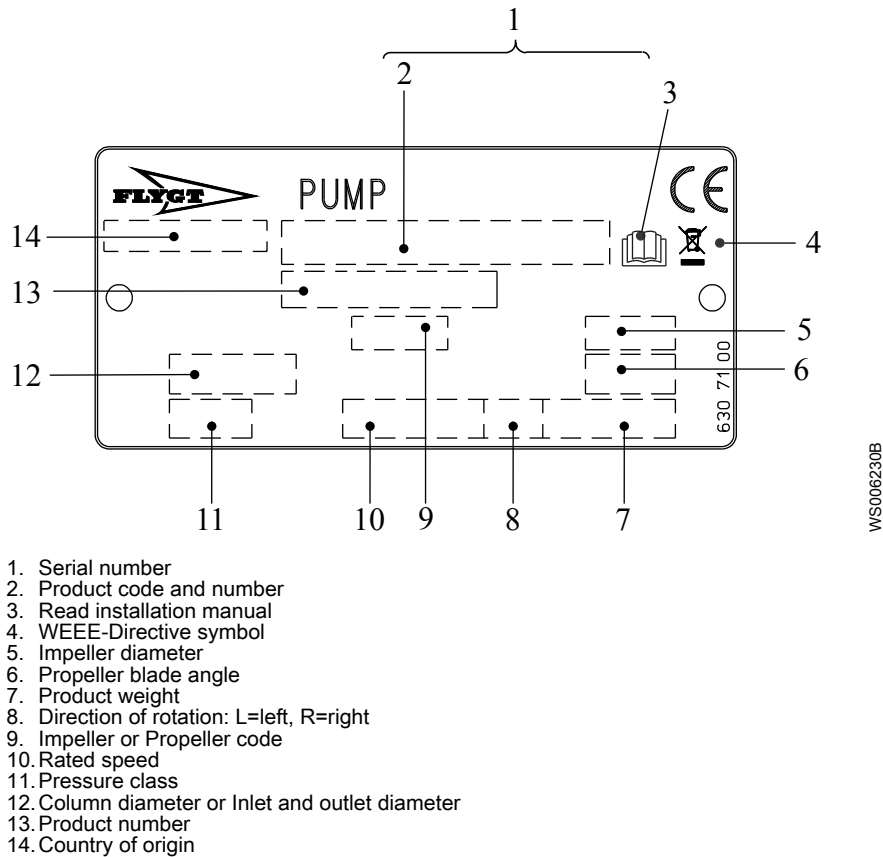


Figure 2: The hydraulic unit plate

2.2 Approvals

For information about specially approved products, see the Parts List for the specific drive unit.

2.3 Product denomination

Reading instruction

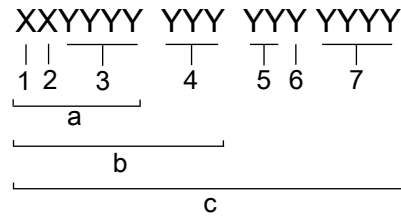
In this section, code characters are illustrated accordingly:

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



Type of Callout	Number	Indication
Type of code	a	Sales denomination
	b	Product code

Type of Callout	Number	Indication
	c	Serial number
Parameter	1	Hydraulic end
	2	Type of installation
	3	Sales code
	4	Drive unit
	5	Production year
	6	Production cycle
	7	Running number

3 Hydraulic Unit

3.1 P7061

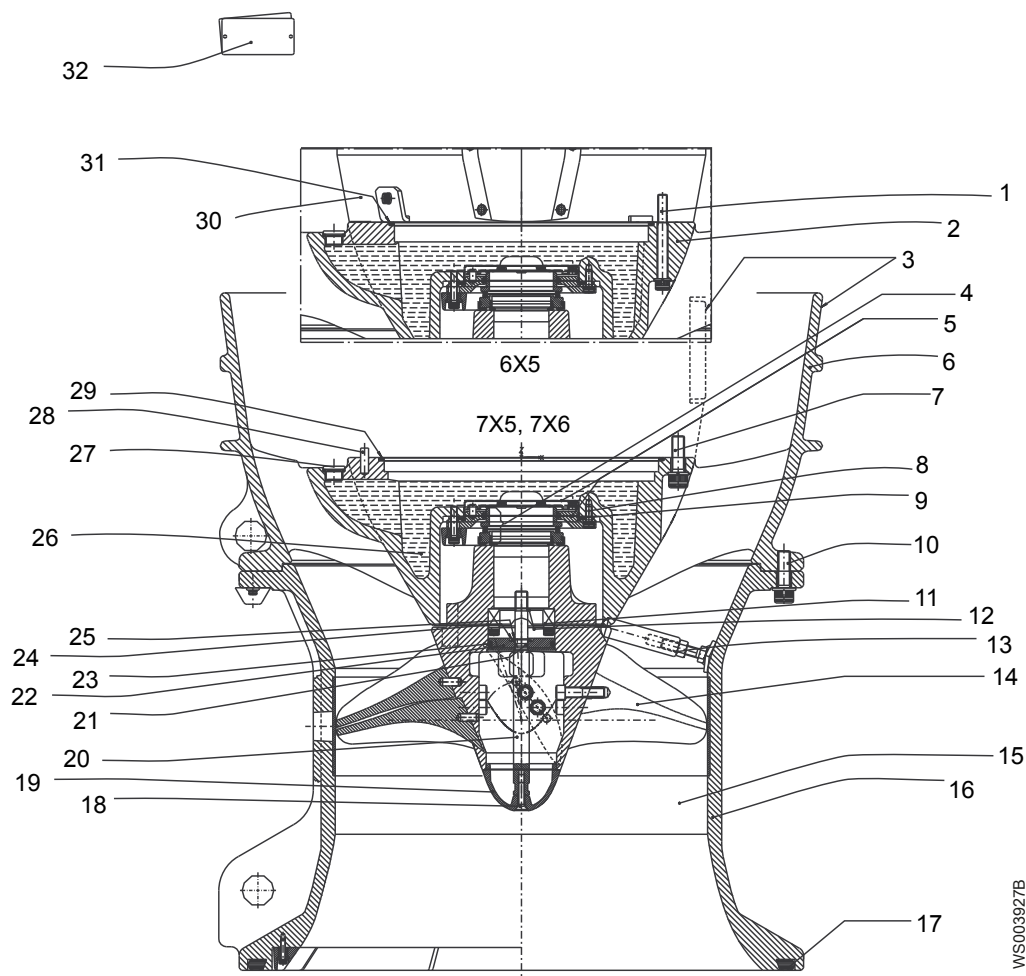
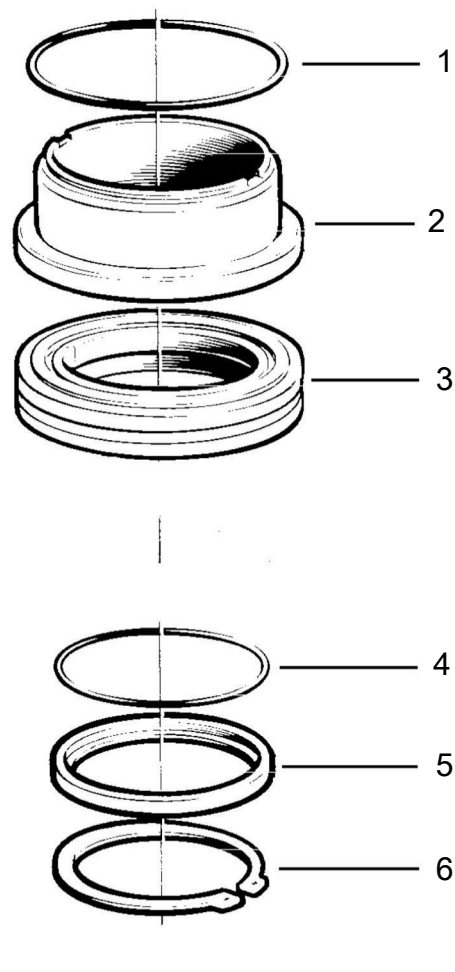


Figure 3

Item	Denomination		Part No.	Qty.
1	Screw	M12x90 58 Nm	82 00 80	7
	Washer	FBB 12	82 48 92	7
2	Pump housing	For 600-series drive units	841 96 00	1
3	Markings: • INSP on drive unit • INDEX on hydraulic unit		N/A	-
4	Mechanical seal	WCCR	726 18 00	1
		RSiC	726 18 04	
5	Seal holder		572 54 00	1
6	Pump housing	For 700-series drive units	606 51 00	1
7	Screw	M16x50 140 Nm	82 01 07	15
	Lock washer	M16	82 50 19	7

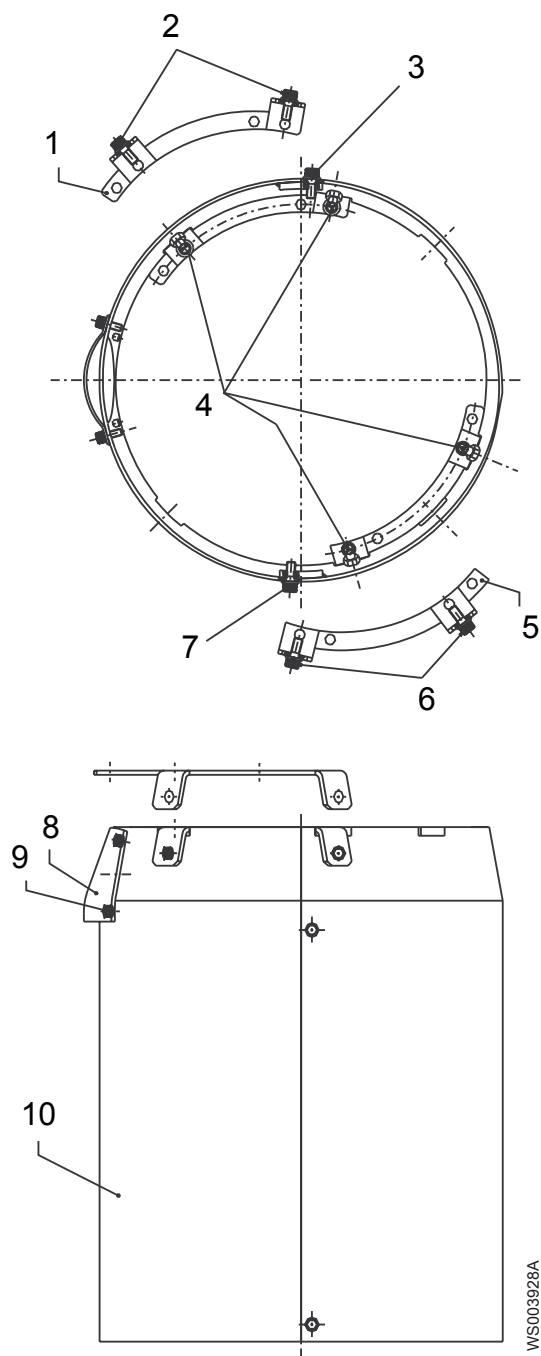
Item	Denomination		Part No.	Qty.
8	Screw	M8x20 17 Nm	82 00 32	4
9	O-ring	144.3x5.7	82 74 21	1
10	Screw	M16x50 140 Nm	82 01 07	15
	Washer	BRB 17x30	82 35 23	8
11	Locking assembly	Ø55xØ85 12 Nm => 24 Nm => 35 Nm	84 59 12	1
12	Bearing grease	Minimum delivery quantity 1 kg (2.2 lb)	90 20 54	40 g
13	Locking device	During transportation	576 48 00	1
14	Propeller unit See Propeller unit on page 12.		576 45 XX 631 65 XX	1
15	Wear ring	Without relief groove	576 47 00	1
		With relief groove	628 86 00	1
16	Complete inlet cone	Without relief groove	576 46 00	1
		With relief groove	576 46 02	1
17	G-ring		82 83 47	1
18	Screw	M8x35 7 Nm	82 11 87	1
19	Casing		575 75 00	1
20	Spacing screw	For 700-series drive units Approximately 20 Nm	575 74 00	1
		For 600-series drive units Approximately 20 Nm	575 74 01	1
21	O-ring	11.3x2.4	82 73 83	1
22	Washer		575 73 00	1
23	O-ring	74.2x5.7	82 74 07	1
24	Washer	16.5x26.5x2	82 40 54	1
25	Retaining ring		82 60 88	1
26	Oil	Minimum delivery quantity 220 liter (58 US gal)	90 17 52	5.6 liter
27	Plug	M22x1.5 50 Nm	809 35 00	1
	O-ring	19.2x3.0	82 73 90	1
28	Tension pin	FRP 10x32	80 58 95	1
29	O-ring	339.3x5.7	82 75 05	1
30	Complete outer casing	Hot-rolled structural steel	637 55 02	1
		Stainless steel, suitable for water amusement applications	637 55 03	
31	O-ring	319.3x5.7	82 75 04	1
32	Screw	4x5	82 20 88	2
	Data plate		630 71 01	2

3.2 Seals 726 18 00 (WCCR)/726 18 04 (RSiC)



Item	Denomination		Part No.	Qty.
1	O-ring	89.1x5.7 mm	82 81 55	1
2	Seal ring, stationary	Not delivered separately	—	-
3	Seal ring, rotating	Not delivered separately	—	-
4	O-ring	74.5x3 mm	82 81 54	1
5	Ring	Not delivered separately	—	-
6	Circlip	SgA 70	669 75 72	1

3.3 Outer casing: 6X5 drive units



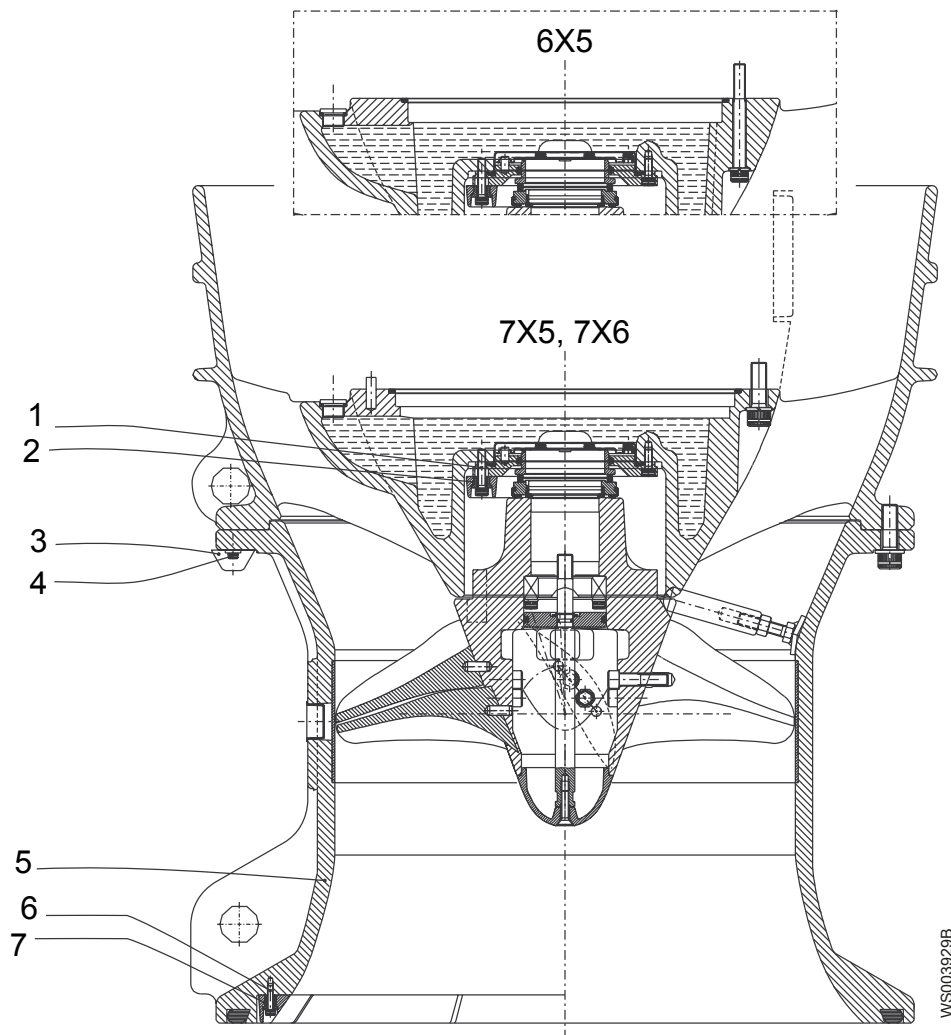
All screws are locked with LocTite™ 603 (part number 90 32 54).

Item	Denomination		Part No.	Qty.
1, 5	Holder	Complete	636 42 02	1
2, 3, 6, 7	Screw	M10x20	83 03 21	8
	Washer	BRB10	82 35 76	12
	Lock liquid	LocTite™ 603	90 32 54	50 ml
4	Holder		679 37 00	1
	Screw	M12x25	83 03 23	4
	Washer	BRB10	82 35 76	12
	Lock liquid	LocTite™ 603	90 32 54	50 ml

Item	Denomination		Part No.	Qty.
8	Cover		637 49 00	1
9	Screw	M8x12	82 00 28	4
	Washer	BRB8	82 35 74	4
	Lock liquid	LocTite™ 603	90 32 54	50 ml
10	Outer casing	Hot-rolled structural steel	636 24 00	1
		Stainless steel	636 24 01	

3.4 Zinc anodes

For mounting instructions, see the assembly drawing number 576 44 00.



6X5

Drive unit 6X5

7X5, 7X6

Drive unit 7X5 or 7X6

Item	Denomination		Part No.	Qty.
1	Screw	M8x40 (17 Nm)	82 00 37	4
2	Anode		576 51 00	4
3	Anode		84 55 71	2
4	Screw	M6x16 (7 Nm)	82 00 13	4
5	Complete inlet cone	With wear ring 576 47 00, without relief groove.	576 46 01	1

Item	Denomination		Part No.	Qty.
		With wear ring 628 86 00, with relief groove.	576 46 03	
6	Screw	M6x20 (7 Nm)	82 00 17	16
7	Anode		576 52 00	8

4 Technical Reference

4.1 Propeller unit

Table 1: Wear ring without relief groove

Blade Angle	Part No. Bronze	Part No. Stainless Steel
8°	576 45 08	576 45 58
9°	576 45 09	576 45 59
10°	576 45 10	576 45 60
11°	576 45 11	576 45 61
12°	576 45 12	576 45 62
13°	576 45 13	576 45 63
14°	576 45 14	576 45 64
15°	576 45 15	576 45 65
16°	576 45 16	576 45 66
17°	576 45 17	576 45 67
18°	576 45 18	576 45 68
19°	576 45 19	576 45 69
20°	576 45 20	576 45 70
21°	576 45 21	576 45 71
22°	576 45 22	576 45 72
23°	576 45 23	576 45 73
24°	576 45 24	576 45 74
25°	576 45 25	576 45 75

Table 2: Wear ring with relief groove

Blade Angle	Part No. Bronze	Part No. Stainless Steel
8°	631 65 08	631 65 58
9°	631 65 09	631 65 59
10°	631 65 10	631 65 60
11°	631 65 11	631 65 61
12°	631 65 12	631 65 62
13°	631 65 13	631 65 63
14°	631 65 14	631 65 64
15°	631 65 15	631 65 65
16°	631 65 16	631 65 66
17°	631 65 17	631 65 67
18°	631 65 18	631 65 68
19°	631 65 19	631 65 69
20°	631 65 20	631 65 70
21°	631 65 21	631 65 71
22°	631 65 22	631 65 72

Blade Angle	Part No. Bronze	Part No. Stainless Steel
23°	631 65 23	631 65 73
24°	631 65 24	631 65 74
25°	631 65 25	631 65 75

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

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