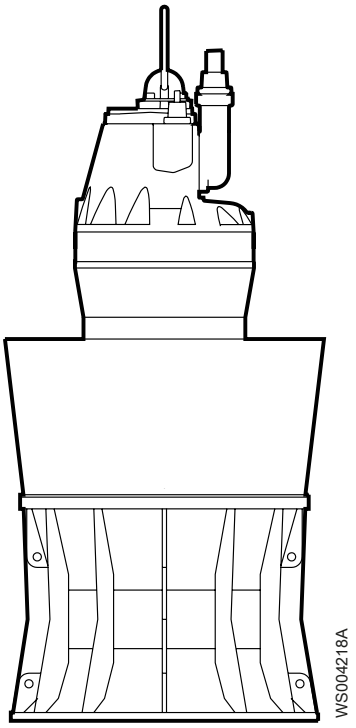
Parts List



Hydraulic Unit P7115

FLYGT
a xylem brand

Table of Contents

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 caused by the use of non-original parts. For more information, contact your Xylem representative.

Data for ordering spare parts

The following information is needed for spare part orders:

- Serial number of the product
- Part number
- Quantity (* specify piece goods)

Specially approved products

Qualification of personnel

Only Xylem or Xylem-authorised service personnel may undertake repair work on Ex-approved products.

Dimensional accuracy inspection

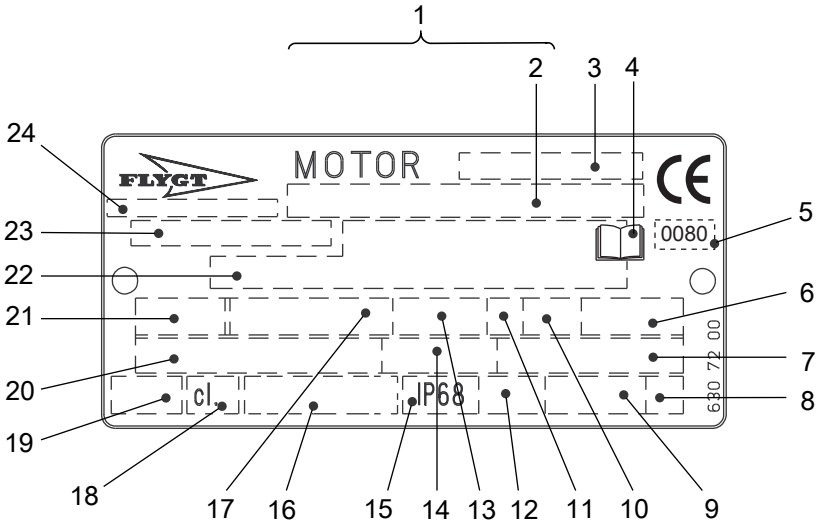
Spare parts marked with (EX) after the part number are subject to dimensional accuracy inspection.

Product Description

The data plates

The data plates include key product specifications.

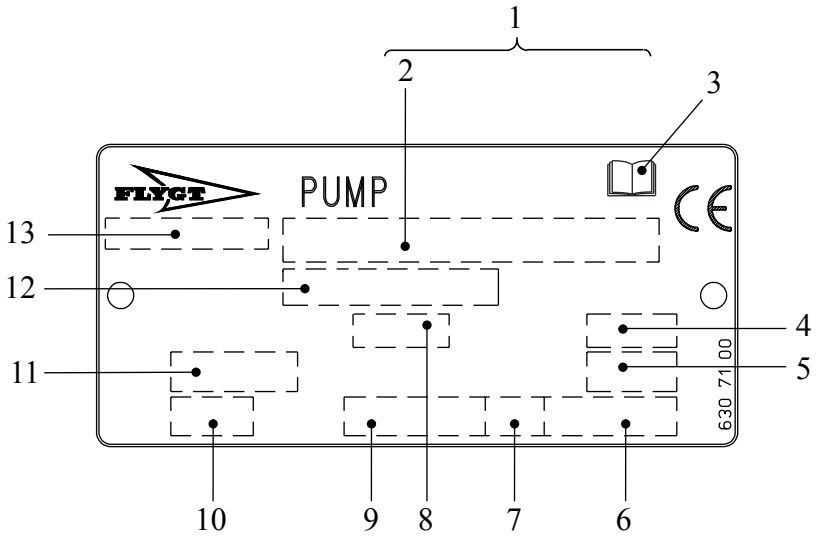
Drive unit



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

Figure 1: The drive unit plate valid from 990101

Hydraulic unit



1. Serial number
2. Product code + Number
3. Read installation manual
4. Impeller diameter
5. Propeller blade angle
6. Product weight
7. Direction of rotation: L=left, R=right
8. Propeller code
9. Rated speed
10. Pressure class
11. Column diameter/Inlet and outlet diameter
12. Product number
13. Country of origin

Figure 2: The hydraulic unit plate

Approvals

Product approvals for hazardous locations

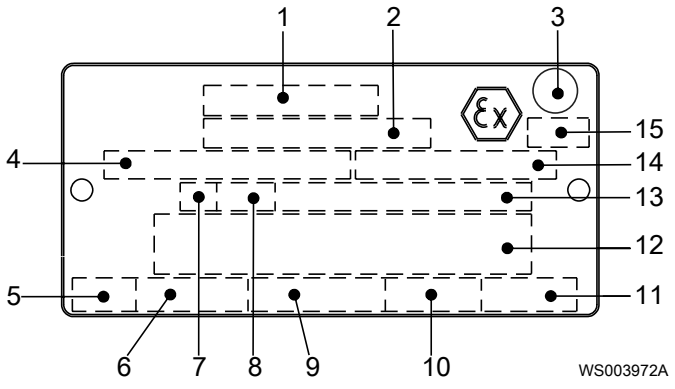
Drive Unit	Approval
615, 675	European Norm (EN) • ATEX Directive • EN 60079-0, EN 60079-1, EN 1127-1 •  II 2 G Ex d IIB T3 •  II 2 G Ex d IIB T4
	IEC • IECEx scheme • IEC 60079–0, IEC 60079–1 • Ex d IIB T3 • Ex d IIB T4
	EN approval for cable entry: • Certificate number: INERIS 02ATEX9008 U •  II 2 G Ex d IIC or I M2 Ex d I
	Factory Mutural (FM) • Class I. Div 1. Group C and D • Dust ignition proof for use in Class II. Div 1. Group E, F and G • Suitable for use in Class III. Div 1. Hazardous Locations

Drive Unit	Approval
715, 745, 775	European Norm (EN) • ATEX Directive • EN 60079-0, EN 60079-1, EN 1127-1 • ⟨Ex⟩ II 2 G Ex d IIB T3 • ⟨Ex⟩ II 2 G Ex d IIB T4
	IEC • IECEx scheme • IEC 60079–0, IEC 60079–1 • Ex d IIB T3 • Ex d IIB T4
	EN approval for cable entry: • Certificate number: INERIS 02ATEX9008 U • ⟨Ex⟩ II 2 G Ex d IIC or I M2 Ex d I
	Factory Mutural (FM) • Class I. Div 1. Group C and D • Dust ignition proof for use in Class II. Div 1. Group E, F and G • Suitable for use in Class III. Div 1. Hazardous Locations
815, 845, 875, 895 872, 892	European Norm (EN) • ATEX Directive • EN 60079-0, EN 60079-1, EN 1127-1 • ⟨Ex⟩ II 2 G Ex d IIB T3
	IEC • IECEx scheme • IEC 60079–0, IEC 60079–1 • Ex d IIB T3
	EN approval for cable entry: • Certificate number: INERIS 02ATEX9008 U • ⟨Ex⟩ II 2 G Ex d IIC or I M2 Ex d I
	Factory Mutural (FM) • Class I. Div 1. Group C and D • Dust ignition proof for use in Class II. Div 1. Group E, F and G • Suitable for use in Class III. Div 1. Hazardous Locations

Drive Unit	Approval
915, 945, 975 960, 995, 998	European Norm (EN) • ATEX Directive • EN 60079-0, EN 60079-1, EN 1127-1 • ⟨Ex⟩ I M2 Ex d I • ⟨Ex⟩ II 2 G Ex d IIB T3 • ⟨Ex⟩ II 2 G Ex d IIB T4 (For T4, T_{amb} = 25°C.)
	IEC • IECEx scheme • IEC 60079–0, IEC 60079–1 • Ex d I • Ex d IIB T3 • Ex d IIB T4 (For T4, T_{amb} = 25°C.)
	EN approval for cable entry: • Certificate number: INERIS 02ATEX9008 U • ⟨Ex⟩ II 2 G Ex d IIC or I M2 Ex d I
	Factory Mutural (FM) • Class I. Div 1. Group C and D • Dust ignition proof for use in Class II. Div 1. Group E, F and G • Suitable for use in Class III. Div 1. Hazardous Locations

EN approval plate

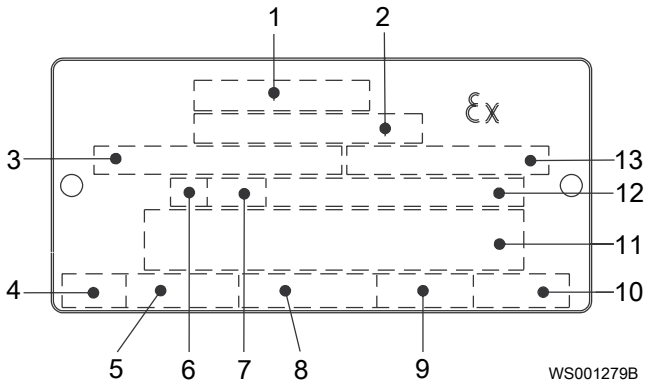
This illustration describes the EN approval plate and the information contained in its fields.



1. Approval
2. Approval authority + approval number
3. Approval for Class I
4. Approved drive unit
5. Stall time
6. Starting current/Rated current
7. Duty class
8. Duty factor
9. Input power
10. Rated speed
11. Controller
12. Additional information
13. Maximum ambient temperature
14. Serial number
15. ATEX marking

IEC approval plate

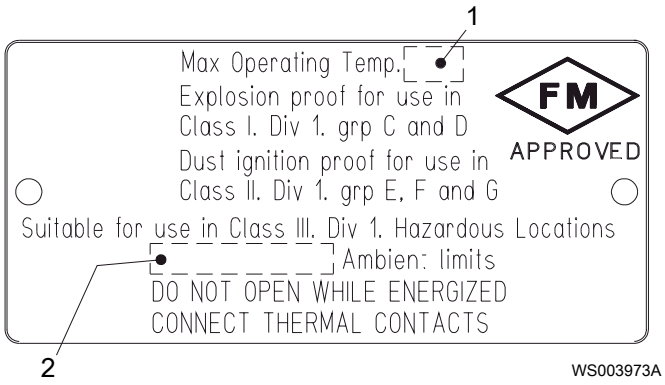
This illustration describes the IEC approval plate and the information contained in its fields. International Norm; not for EU member countries.



1. Approval
2. Approval authority + approval number
3. Approved for drive unit
4. Stall time
5. Starting current/Rated current
6. Duty class
7. Duty factor
8. Input power
9. Rated speed
10. Controller
11. Additional information
12. Max. ambient temperature
13. Serial number

FM approval plate

This illustration describes the FM approval plate and the information contained in its fields.



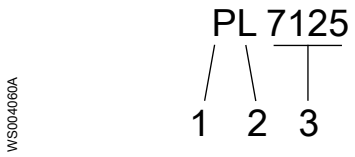
1. Temperature class
2. Maximum ambient temperature

Product denomination

Sales denomination

The sales denomination consists of the four-digit sales code and two letters that indicate the hydraulic end and type of installation.

This is an example of a sales denomination, and an explanation of its parts.

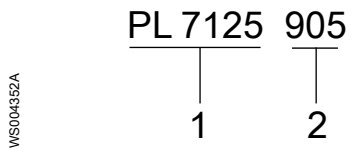


1. Hydraulic part
2. Installation type
3. Sales code

Product code

The product code consists of nine characters divided into two parts.

This is an example of a product code, and an explanation of its parts.

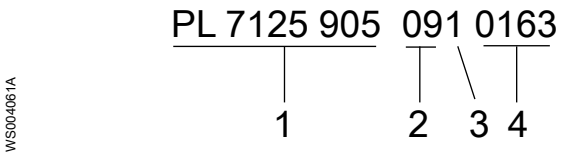


1. Sales denomination
2. Drive unit

Serial number

The serial number is used for identification of an individual product, and is divided into four parts.

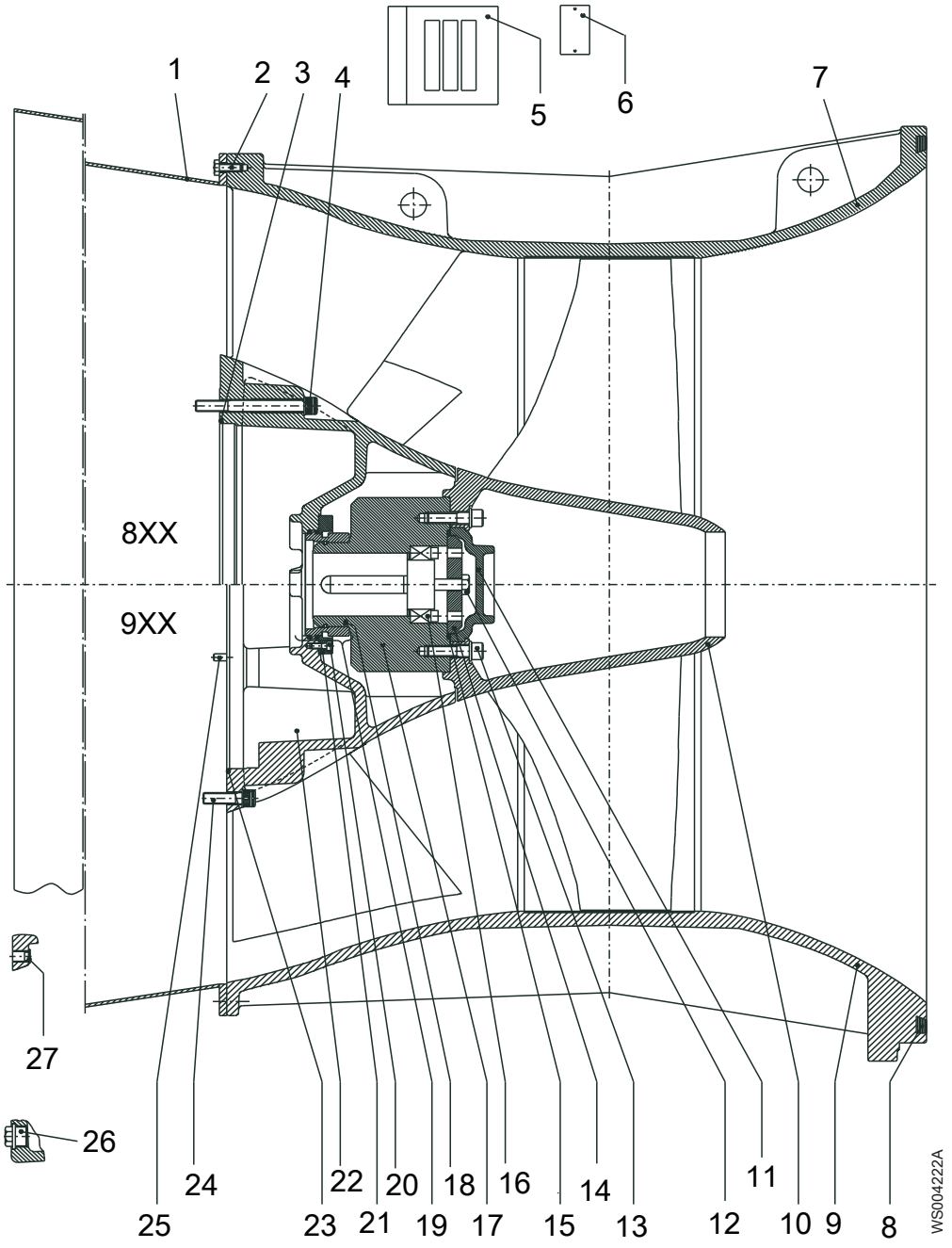
This is an example of a serial number, and an explanation of its parts.



1. Product code
2. Production year
3. Production cycle
4. Running number

Hydraulic Unit

P7115



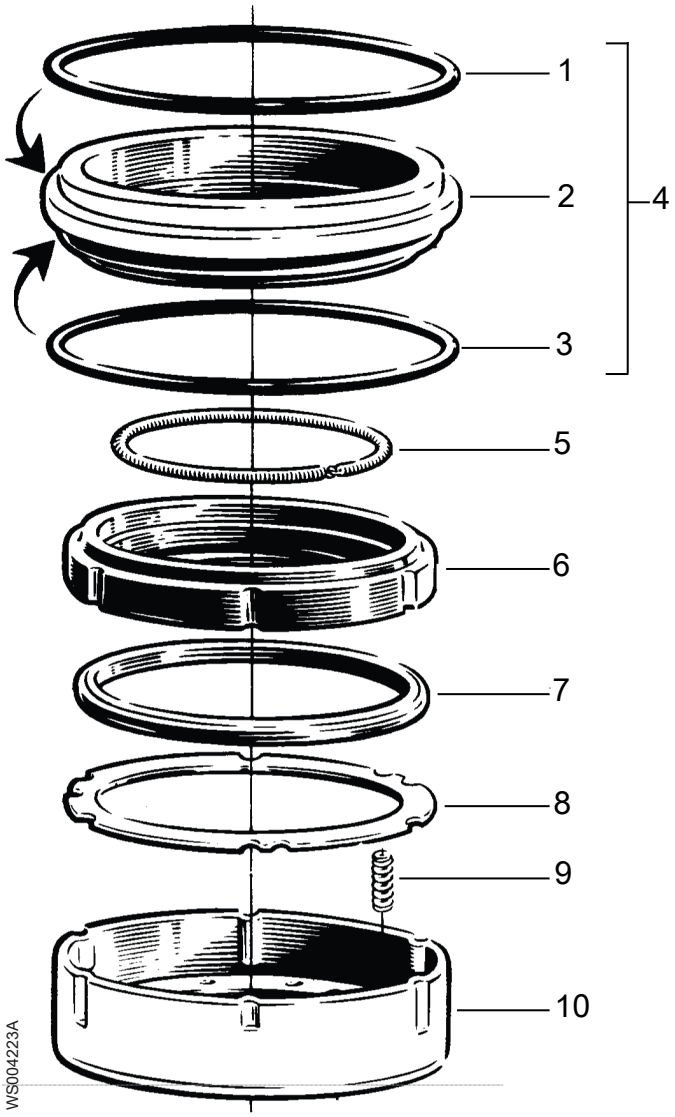
8XX Drive unit 8XX

9XX Drive unit 9XX

Item	Denomination		Part No.	Qty.
1	Outlet bell		488 42 00	1
2	Screw	M12x30	81 41 55	16
3	O-ring	439,3x5,7	82 75 10	1

Item	Denomination		Part No.	Qty.
4	Screw	M16x150	82 01 20	7
	Washer	26.5 x 16.5 x 2	82 40 54	7
5	Gasket set		395 02 01	1
6	Data plate		630 71 01	1
7	Pump housing	With wear ring (drive unit 8X5)	521 26 03	1
8	G-ring		82 83 46	1
9	Pump housing	With wear ring (drive unit 9X5)	521 26 01	1
10	Propeller	Bronze/aluminum 18°	487 27 03	1
		Bronze/aluminum 9°	487 27 05	
		Bronze/aluminum 13°	487 27 06	
11	Cover		435 96 00	1
12	Screw	M16x120	84 34 15	1
13	Screw	M16x60	82 01 09	8
	Washer	FBB 16.8	82 35 23	10
14	Washer		435 97 01	1
15	O-ring	139.3x5.7 mm	82 74 20	1
16	Locking assembly	Ø70xØ110 (70 Nm)	84 59 14	1
17	Can	Minimum delivery quantity 1 kg (2.2 lbs)	90 20 54	50 g
18	Hub		595 57 00	1
19	Parallel pin	5x12	80 36 16	1
20	Outer mechanical seal unit, see *Seal 370 66 02* (page 12)		370 66 02	1
21	Screw	M6x20 (10 Nm)	83 04 47	1
22	Oil	Minimum delivery quantity 220 liter (58 US gal)	90 17 52	23 liter
23	O-ring	499.3x5.7 mm	82 75 13	1
24	Screw	M16x55	82 01 08	7
	Washer	26.5 x 16.5 x 2	82 40 54	7
25	Expanding pin	FRP 10x32	80 58 95	1
26	O-ring	28.17x3.53 mm	82 77 30	5
	Plug	M30 (80 Nm)	82 62 71	1
27	Plug	M16	82 69 41 (3x)	3

Seal 370 66 02



Item	Denomination		Part No.	Qty.
1	O-ring	145.0x5.5 mm	82 78 32	1
2	Stationary seal ring	Not delivered separately	-	-
3	O-ring	145.0x5.5 mm	82 78 32	1
4	Stationary seal unit	Includes item 1 through 3 in this table.	370 62 01	1
5	Stop spring		301 17 26	1
6	Rotating seal ring		370 60 01	1
7	O-ring	119.3x5.7 mm	82 74 16	1
8	Washer	Not delivered separately	-	-
9	Compression spring		306 21 01	12
10	Spring housing		370 65 00	1

Accessories

Zinc anode set: 454 22 20

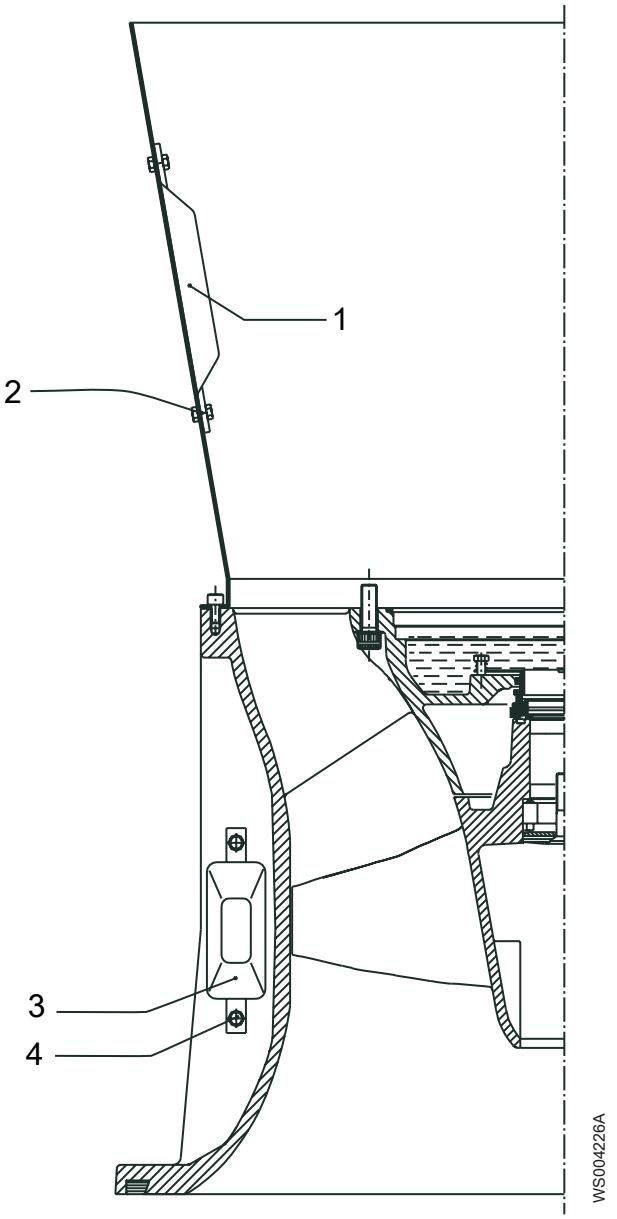


Figure 3

Item[1]	Description		Part number	Quantity
1	Anode		445 47 00	16
2	Screw	M10x25	81 41 31	32
	Washer	BRB 10x20	82 35 18	32
	Nut	M10	82 23 58	32
3	Anode		84 55 72	8

[1] No item is delivered separately.

Item[1]	Description		Part number	Quantity
4	Screw	M8x30	81 41 07	8
	Nut	M8	82 23 57	8

[1] No item is delivered separately.

Xylem |ˈzīləm|

1) The tissue in plants that brings water upward from the roots
2) A leading global water technology company

We're 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. 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, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xyleminc.com

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The original instruction is in English. All non-English instructions are translations of the original instruction.

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