



The heart of a mixing and delivery pump is the pump unit, also known as the rotor/stator. This is where the required pressure is built up in order to deliver the material to the processing location. Depending on the size, different flow rates can be provided. The last digit of the pump designation denotes the number of pressure stages; a working pressure of 10 bar can be built up for each stage. If these values are no longer achieved, the unit is worn out and should be replaced.

07 Rotor/stator systems

Overview

TWISTER

slimline

wf/maintenance-free

tensionable

airless

Pump equipment for:

G 4 | RITMO | BOLERO

SWING | ZP 3

- Suction flange
- Pressure flange
- Remixer

01

02

03

04

05

06

07

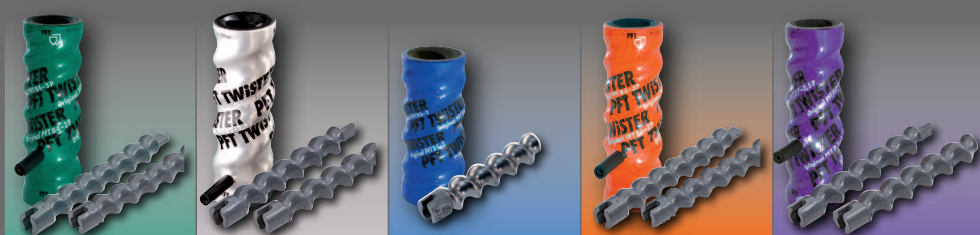
08

09

10



PFT rotor/stator program



Colour code	green	silver	blue	orange	purple
Designation	D 4-3 PIN TWISTER	D 5-2.5 PIN TWISTER	D 6-2 TWISTER	D 6-3 PIN TWISTER	D 7-2.5 PIN TWISTER
Stator, art. no.	00 01 05 43	00 01 09 04	00 06 34 38	00 00 78 99	00 26 22 37
Rotor without journal, art. no.	20 11 43 10	00 02 13 99	00 06 70 15	00 23 79 08	20 11 35 00
Rotor with journal, art. no.	20 11 43 20	00 00 20 70	–	20 11 30 10	20 11 35 10
Machine type	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾
Technical data					
Operating pressure, bar	30	25	20	30	25
Stator length / Ø, mm	273 / 90	273 / 90	200 / 90	273 / 90	273 / 90
Max. grain size, mm	3	3	3	3	3
Output at 400/200rpm, l/min	14 / 7	22 / 11	20 / 10	20 / 10	25 / 13
tensioning clamp					
Tensioning clamp, art. no.	–	–	–	–	–
Tie bolt, art. no.	20 11 87 80	20 11 87 80	20 11 87 09	20 11 87 80	20 11 87 80
Applications					
Gypsum plaster/Gypsum lime plaster		✓	✓	✓	✓
Lightweight plaster		✓	✓	✓	✓
Lime-cement render < 3 mm		✓	✓	✓ ¹⁾	✓
isolating plaster					
Lime-cement render > 3 mm					
Sgraffito					
Adhesive mortar	✓ ¹⁾			✓	
Reinforcement mortar	✓ ¹⁾			✓ ²⁾	
Notch mortar	✓ ¹⁾			✓	
Betokontakt					
Emulsion paint					
Mineral finishing coats	✓ ¹⁾			✓ ²⁾	
Finishing coats, pasty	✓			✓ ²⁾	
Fine filler, mineral	✓ ²⁾				
Fine filler, pasty	✓ ²⁾				
Clay plaster dry				✓	✓
Earth-moist clay plaster					✓
Masonry mortar					
Fire protection grout				✓	
Concrete refurbishment grout				✓ ²⁾	
Levelling screed 35 l					
Levelling screed 60 l					
Levelling screed 85 l					
Levelling screed 120 l					
Thin screed					
Floor fillers					
Jobsite mixing:					



The equipment can be found in the respective chapter



Do you have any questions about the equipment? Our Technical Hotline is happy to help you

Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.



yellow	orange	green	silver	white	ochre	red
D8-1.5 PIN TWISTER	SD 6-3 slimline	A2-2.5 Lwf	A3-2 Lwf	B4-1.5 Lwf	B4-2 Lwf	B4-2 wf
0001 09 05	0040 62 89	0007 16 16	00 13 76 29	0004 85 66	00 28 01 82	0000 84 62
20 11 47 00	0040 62 88	0007 16 43	0004 78 92	0006 91 86	00 28 01 81	00 24 58 10
20 11 47 20	-	-	-	00 14 74 13	00 29 23 02	00 25 11 47
G4 / RITMO XL ¹⁾ SWING L ²⁾	G4 (230V) ¹⁾ RITMO XL (230V) ¹⁾ SWING L (230V) ²⁾	RITMO M / L	RITMO M / L	RITMO M / L	RITMO L	SWING M

15	25	25	20	15	20	20
273/90	273/90	160/39	160/39	160/51	210/51	210/51
3	2	2	2	3	3	3
35/18	20/10	2.2/1.1	4.5/2.2	10/5	10/5	10/5

-	-	-	-	-	-	-
20 11 87 80	20 11 87 80	00 09 41 44	00 09 41 44	00 13 07 79	00 28 44 79	00 28 44 79

		✓ ¹⁾			✓	✓	
✓ ²⁾	✓ ¹⁾				✓	✓	✓
✓ ²⁾	✓ ¹⁾				✓	✓	✓
✓	✓ ¹⁾				✓	✓	✓
✓ ¹⁾							
✓ ²⁾	✓ ¹⁾			✓	✓	✓	✓
✓ ²⁾	✓ ¹⁾			✓	✓	✓	✓
✓ ²⁾			✓	✓			✓
✓ ²⁾			✓	✓			✓
✓ ²⁾	✓ ¹⁾			✓	✓		
✓							
✓ ²⁾							
✓ ²⁾	✓ ¹⁾			✓	✓		✓
✓ ¹⁾							
✓	✓ ¹⁾			✓	✓		✓
✓	✓ ¹⁾			✓	✓		✓

We are constantly working on expanding and optimising our product range. Our current product range can be found on www.pft.eu

PFT rotor/stator program



Colour code	red	white	silver	orange	pink
Designation	C4-2 wf	D3-5 wf	D5-2.5 wf	D6-3 wf	D6-3 PIN wf
Stator, art. no.	00 03 71 86	00 01 07 58	00 00 20 71	20 11 55 10	20 11 55 12
Rotor without journal, art. no.	00 19 48 07	20 11 49 40	00 02 13 99	00 23 79 08	00 23 79 08
Rotor with journal, art. no.	–	–	00 00 20 70	20 11 30 10	20 11 30 10
Machine type	SWING M ³⁾ SWING L airless ⁴⁾	G4 / RITMO XL ¹⁾ SWING L ²⁾	G4 / RITMO XL ¹⁾ SWING L ²⁾	G4 / RITMO XL ¹⁾ SWING L ²⁾	G4 / RITMO XL ¹⁾ SWING L ²⁾
Technical data					
Operating pressure, bar	20	30	25	30	30
Stator length / Ø, mm	295 / 59	273 / 90	273 / 90	273 / 90	273 / 90
Max. grain size, mm	3	3	3	3	3
Output at 400/200rpm, l/min	20/10	6/3	22/11	20 / 10	20/10
tensioning clamp					
Tensioning clamp, art. no.	–	–	–	–	–
Tie bolt, art. no.	00 04 51 15	20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80
Applications					
Gypsum plaster/Gypsum lime plaster			✓	✓ ¹⁾	✓ ¹⁾
Lightweight plaster	✓		✓	✓ ¹⁾	✓ ¹⁾
Lime-cement render < 3 mm	✓		✓	✓ ¹⁾	✓ ¹⁾
isolating plaster	✓				
Lime-cement render > 3 mm					
Sgraffito					
Adhesive mortar	✓			✓	✓
Reinforcement mortar	✓			✓	✓
Notch mortar	✓			✓	✓
Betokontakt		✓			
Emulsion paint				✓	✓
Mineral finishing coats	✓				
Finishing coats, pasty	✓				
Fine filler, mineral	✓ ³⁾	✓			
Fine filler, pasty	✓ ³⁾	✓			
Clay plaster dry				✓ ¹⁾	✓ ¹⁾
Earth-moist clay plaster					
Premixed clay plaster	✓ ⁴⁾			✓	✓
Masonry mortar					
Fire protection grout	✓			✓ ¹⁾	✓ ¹⁾
Concrete refurbishment grout	✓				
Levelling screed 35 l					
Levelling screed 60 l					
Levelling screed 85 l					
Levelling screed 120 l					
Thin screed	✓				
Floor fillers	✓				
Jobsite mixing:					

⁴⁾ Please use with rotor art. no. 00 51 51 88



The equipment can be found in the respective chapter



Do you have any questions about the equipment? Our Technical Hotline is happy to help you

Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.

PFT rotor/stator program



Colour code	red	black	blue	green	white/blue
Designation	C4-2 Tensioning rail	D3-4 tensionable	D4-2 tensionable	D4-3 tensionable	D6-3 tensionable
Stator, art. no.	00 20 79 86	20 11 61 00	20 11 52 00	20 11 53 10	20 11 55 00
Rotor without journal, art. no.	00 19 48 07	20 11 49 30	20 11 40 00	20 11 43 10	00 23 79 08
Rotor with journal, art. no.	-	20 11 49 20	20 11 42 10	20 11 43 20	20 11 30 10
Machine type	SWING M ³⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾
Technical data					
Operating pressure, bar	20*	30*	20*	30*	30*
Stator length / Ø, mm	300 / 59	273 / 90	273 / 90	273 / 90	273 / 90
Max. grain size, mm	4	3	4	4	4
Output at 400/200rpm, l/min	20/10	8/4	20/10	14/7	20/10
tensioning clamp					
Tensioning clamp, art. no.	-	20 11 70 00	20 11 70 00	20 11 70 00	20 11 70 00
Tie bolt, art. no.	00 04 51 15	20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80
Applications					
Gypsum plaster/Gypsum lime plaster			✓		✓
Lightweight plaster	✓		✓		✓
Lime-cement render < 3 mm	✓		✓		
isolating plaster					
Lime-cement render > 3 mm	✓			✓	✓
Sgraffito					✓
Adhesive mortar	✓			✓	
Reinforcement mortar	✓			✓	✓
Notch mortar				✓	
Betokontakt		✓			
Emulsion paint					
Mineral finishing coats	✓	✓ ¹⁾		✓	
Finishing coats, pasty	✓	✓		✓	
Fine filler, mineral	✓				
Fine filler, pasty					
Clay plaster dry					✓
Earth-moist clay plaster					
Masonry mortar	✓				
Fire protection grout					
Concrete refurbishment grout	✓				✓
Levelling screed 35 l					✓
Levelling screed 60 l					
Levelling screed 85 l					
Levelling screed 120 l					
Thin screed					
Floor fillers					
Jobsite mixing:					



The equipment can be found in the respective chapter



Do you have any questions about the equipment? Our Technical Hotline is happy to help you

Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.



purple	yellow	ochre	brown	ochre	black	black
D7-2.5 tensionable	D8-1.5 tensionable	R7-1.5 tensionable	R7-2.5 tensionable	R7-3 S tensionable	R8-1.5 tensionable	R8-2 tensionable
20 11 55 50	20 11 64 00	20 11 62 00	20 11 63 50	20 11 63 01	20 11 62 20	20 11 63 80
20 11 35 00	20 11 47 00	20 11 48 00	20 11 48 51	20 11 48 21	20 11 48 40	20 11 48 90
20 11 35 10	20 11 47 20	20 11 48 10	20 11 48 50	-	20 11 48 60	-
G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾	G 4 / RITMO XL ¹⁾ SWING L ²⁾ ZP 3	G 4 / RITMO XL ¹⁾ SWING L ²⁾ ZP 3	ZP 3	G 4 / RITMO XL ¹⁾ SWING L ²⁾ ZP 3	ZP 3
25*	15*	15*	25*	30*	15*	20*
273/90	273/90	273/114	273/114	546/114	273/114	360/114
5	6	7	7	7	8	8
25/13	35/18	60/30	40/20	60/30	80/40	80/40
20 11 70 00	20 11 70 00	20 11 78 00	20 11 78 00	20 11 79 00	20 11 78 00	20 11 78 10
20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80	20 11 89 10	20 11 87 80	10 11 87 31

✓						
✓				✓		
✓				✓	✓	
✓	✓ ¹⁾		✓	✓		
	✓ ¹⁾		✓	✓		
✓						
					✓	
	✓			✓		✓
				✓		
	✓					
		✓ ¹⁾				
					✓ ¹⁾	
						✓
						✓

* Operating pressure depends on the pretension

We are constantly working on expanding and optimising our product range. Our current product range can be found on www.pft.eu

PFT rotor/stator program



Colour code	black	green	green	yellow	white	yellow
Designation	R 8-3 tensionable	R 9-1.5 tensionable	R 9-2 tensionable	216 tensionable	218 Tensioning rail	306 airless
Stator, art. no.	20 11 63 10	20 11 63 60	20 11 63 70	00 45 91 86	00 47 87 98	00 44 99 47
Rotor without journal, art. no.	20 11 48 30	20 11 48 70	20 11 48 80	00 45 91 82	00 47 88 01	00 44 99 67
Rotor with journal, art. no.	-	-	-	-	-	-
Machine type	ZP 3	ZP 3	ZP 3	ZP 3	ZP 3 XXL	SWING L airless
Technical data						
Operating pressure, bar	30*	15*	20*	20*	20*	Max. 135 bar
Stator length / Ø, mm	546 / 114	360 / 114	546 / 114	534 / 102	650 / 195	530 / 70
Max. grain size, mm	8	8	8	6	16	-
Output at 400/200rpm, l/min	80/40	145/70	145/70	60/30	400/200	10/25
tensioning clamp						
Tensioning clamp, art. no.	20 11 79 00	20 11 78 10	20 11 79 00	00 28 11 62	-	-
Tie bolt, art. no.	20 11 89 10	20 11 87 31	20 11 89 10	20 11 89 10	00 10 37 81	-
Applications						
Gypsum plaster/Gypsum lime						
Lightweight plaster						
Lime-cement render < 3 mm				✓		
isolating plaster						
Lime-cement render > 3 mm				✓		
Sgraffito						
Adhesive mortar				✓		
Reinforcement mortar						
Notch mortar				✓		
Betokontakt						
Emulsion paint						✓
Mineral finishing coats						
Finishing coats, pasty						
Fine filler, mineral						✓
Fine filler, pasty						✓
Clay plaster dry				✓		
Earth-moist clay plaster				✓		
Masonry mortar	✓	✓	✓	✓	✓	
Fire protection grout				✓	✓	
Concrete refurbishment grout				✓	✓	
Levelling screed 35 l				✓		
Levelling screed 60 l						
Levelling screed 85 l						
Levelling screed 120 l		✓	✓		✓	
Thin screed	✓	✓	✓	✓		
Floor fillers	✓	✓	✓	✓		
Jobsite mixing:				✓	✓	

* Operating pressure depends on the pretension



The equipment can be found in the respective chapter



Do you have any questions about the equipment? Our Technical Hotline is happy to help you

Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.

Compact facts

Types

There are various types of stators. Firstly, there are maintenance-free stators, which are ready for use in the machine immediately after installation. Then there are tensionable stators, which are tensioned depending on the material and grain size; these are in turn divided into two groups.

Stators with an integrated tensioning clamp and slotted stators that use an external tensioning rail. If the delivery pressure decreases, the stators must be tightened. This substantially extends the service life. Robust design and high functionality are a matter of course for us.



Pressure stability

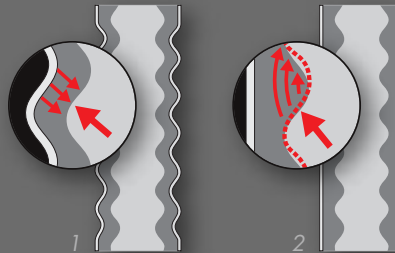
PFT TWISTER perfect characteristics that build up the right pressure

TWISTER design (1)

Steel edges support the rubber and prevent deformation in case of pressure.

Cylindrical design (2)

Deformation in the rubber leads to higher wear and quickly impacts pressure stability = holding pressure in the chambers; reflux occurs in the stator.



Working temperature range

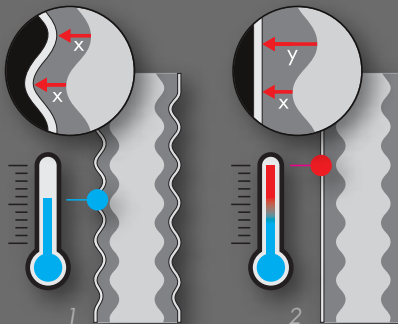
Friction causes heat, and this impacts the rubber on the stator. It is therefore important to reduce the heat in the stator by using a suitable rubber compound and through fast heat dissipation.

TWISTER design (1)

A lower wall thickness and larger surface area dissipate the heat in the stator in an improved way.

Cylindrical design (2)

Irregular rubber thicknesses prevent fast heat transmission.



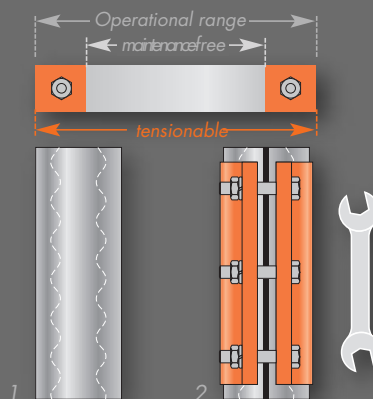
Tension makes for light work. Prestress and pump operating range

Maintenance-free stator (1)

Maintenance-free stator "ready-to-go" – preset tension allows for immediate deployment.

Tensionable stator (2)

"Do-it-yourself" - the tension is adjusted using screws; retightening is possible to suit your needs. This means that this stator can be tuned by a professional to match the application or the material.



PFT *praktive*-Tip

After thorough cleaning, pump **PFT easyRUN** through the rotor-stator system.

Art. no. 00507791

PFT assembly

spray facilitates the assembly of the rotor and stator.

Art. no. 00040552



PFT *praktive*-Tip

Using this approach you can easily convert the pump performance for your controllable machine.

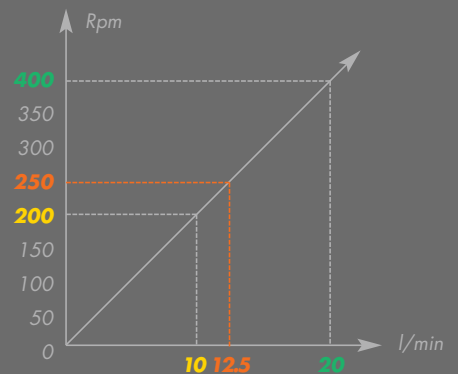
For example: What is the delivery performance in litres per minute at 250 rpm for rotor/stator D 6-3

Example calculation:

$$20 \text{ l/min} \hat{=} 400 \text{ rpm}$$

$$20 : 400 = 0,05$$

$$0,05 \times 250 = 12,5 \text{ l/min}$$



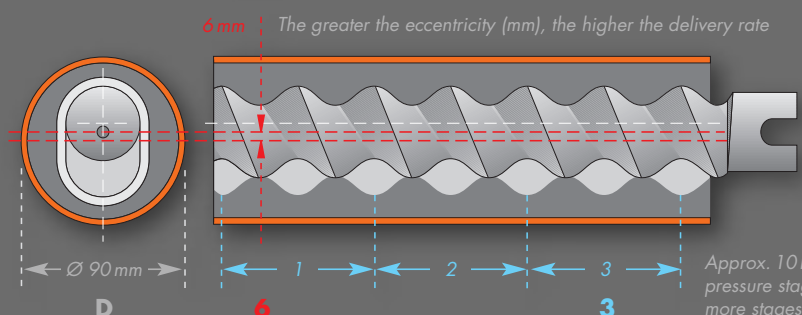
At the heart of every PFT machine Stator designations in detail

PFT offers various stator sizes for virtually any application. Very few people are aware of how stator names are composed.

Let's look at an example, the **D6-3**.

The letter **D** stands for the stator diameter.

The number **6** designates the eccentricity, and the Number **3** the number of pressure stages follows the semicolon.



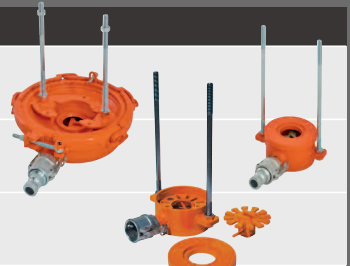
Approx. 10 bar per pressure stage is achieved. The more stages, the greater the pressure.

Stator diameter: A ~ 40 mm, B ~ 51 mm, C ~ 59 mm, D ~ 90 mm, R ~ 114 mm, T ~ 125 mm
Stator abbreviations: wf ~ maintenance-free, PIN ~ anti-twist device, L ~ anticlockwise rotation


Pump equipment for

G4 smart

Truck agitator

Art. no.	Pump type	Truck agitator	Content	Description of outlet	
20 11 84 00	D pumps	ROTOQUIRL	4.2 l	DN35 l female	
20 11 80 00	D pumps	ROTOMIX	1.2 l	DN35 l female	
00 20 93 75	D pumps	ROTOMIX disc	1.2 l	DN35 l female	

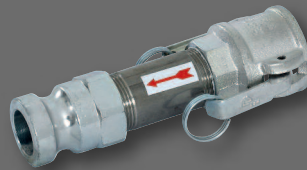
Grout pressure gauge when using PFT remixer

Art. no.	Pump type	Description of outlet	
00 10 22 28	all	Grout pressure gauge DN35 female l DN35 male - round	

Remixer systems by PFT

PFT static remixer

Mounted between the pump outlet and the grout hose, the PFT static remixer can be used to remove most lumps of material .
Application with flow screed.



Art. no.	Designation
00 05 59 31	Static mixer DN25 Geka
00 10 21 21	Static mixer DN25 grout coupling
00 05 83 81	Static mixer DN35 grout coupling



PFT ROTOQUIRL

The large vessel volume of 4.2 l enables good mixing and increases the air pore content in the material.

The ROTOQUIRL is the machine of choice for materials with many aggregates.



PFT ROTOMIX

The ROTOMIX is often used for higher throughput volumes

E.g., in the floor filler area, Flow screed



PFT ROTOMIX disc

The two rotating discs also grind very fine material components.

This allows the very fine material to be mixed without lumps, e.g.,


Alphadur by Knaf

G4, G4 super, G4 XL


Suction flange

Art. no.	Pump type	Description	Connection	
00 19 52 41	D pumps	Rubber mixing zone - 200 mm hole spacing		
00 08 94 32	D pumps	Steel mixing zone - 200 mm hole spacing		
00 19 52 43	R pumps	Rubber mixing zone - 200 mm hole spacing		
20 10 42 17	R pumps	Steel mixing zone - 200 mm hole spacing		

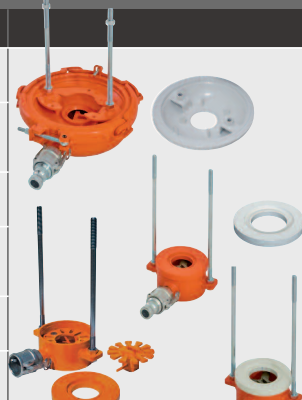
Pressure flange

Art. no.	Pump type	Description of outlet	
00 40 29 01	D pumps	1 1/4" internal thread – straight	
00 46 76 69	D pumps	1 1/4" internal thread – straight with PIN (rotating)	
00 05 58 51	R pump	1 1/4" internal thread – straight	
00 47 35 99	R pump	1 1/4" internal thread – straight with PIN (rotating)	


Pump outlet/grout pressure gauge

Art. no.	Pump type	Description of outlet	
00 10 24 90	D pumps	DN25 male 1 1/4" AG	
00 16 00 03	D and R pumps	DN35 female 1 1/4" AG	

Truck agitator

Art. no.	Pump type	Truck agitator	Content	Description of outlet	
20 11 84 00	D pumps	ROTOQUIRL	4.2 l	DN35 female	
20 11 84 07	R pumps	ROTOQUIRL cover <i>20 11 84 00 ROTOQUIRL is needed for connecting to R pumps</i>			
20 11 80 00	D pumps	ROTOMIX	1.2 l	DN35 female	
20 11 81 43	R pumps	ROTOMIX cover <i>20 11 80 00 ROTOQUIRL is needed for connecting to R pumps</i>			
00 20 93 75	D pumps	ROTOMIX disc	1.2 l	DN35 female	
20 11 80 50	R pumps	ROTOMIX	1.2 l	DN35 female	

Grout pressure gauge when using PFT remixer

Art. no.	Pump type	Description of outlet	
00 10 22 28	all	Grout pressure gauge DN35 female DN35 male - round	

01

02

03

04

05

06

07

08


09

10

Pump equipment for

RITMO M, RITMO L


Suction flange

Art. no.	Pump type	Description Connection	
00087591	A pumps	rubber mixing zone	
00103408	B pumps	rubber mixing zone	


Pressure flange

Art. no.	Pump type	Description of outlet	
00056576	A pumps	1/2" internal thread – straight	
00128180	B pumps	DN25 female 1" internal thread	


Pump outlet/grout pressure gauge

Art. no.	Pump type	Description of outlet	
00099088	A pumps	Grout pressure gauge DN25 male	
00156106	B pumps	DN25 male – 1" AG	

Truck agitator


Art. no.	Pump type	Truck agitator	Content	Description of outlet	
00251139	B pumps	ROTOMIX	0.25 l	DN25 male	

Grout pressure gauge when using PFT remixer


Art. no.	Pump type	Description of outlet	
00102232	all	Grout pressure gauge DN25 male DN25 male	

RITMO XL


Suction flange

Art. no.	Pump type	Description	Connection	
00 19 52 41	D pumps	rubber mixing zone – 200 mm hole spacing		
00 19 52 43	R pumps	Rubber mixing zone - 200 mm hole spacing		


Pressure flange

Art. no.	Pump type	Description of outlet	
00 43 25 55	D pumps	1 1/4" internal thread – offset	
00 19 60 45	R pumps	1 1/4" internal thread – offset	

Pump outlet/grout pressure gauge

Art. no.	Pump type	Description of outlet	
00 10 24 90	D pumps	DN25 male 1 1/4" AG	
00 16 00 03	D and R pumps	DN35 female 1 1/4" AG	

Truck agitator


Art. no.	Pump type	Truck agitator	Content	Description of outlet	
20 11 84 00	D pumps	ROTOQUIRL	4.2 l	DN35 female	
20 11 84 07	R pumps	ROTOQUIRL cover <i>20 11 84 00 ROTOQUIRL is needed for connecting to R pumps</i>			
20 11 80 00	D pumps	ROTOMIX	1.2 l	DN35 female	
20 11 81 43	R pumps	ROTOMIX cover <i>20 11 80 00 ROTOQUIRL is needed for connecting to R pumps</i>			
00 20 93 75	D pumps	ROTOMIX disc	1.2 l	DN35 female	
20 11 80 50	R pumps	ROTOMIX	1.2 l	DN35 female	

Grout pressure gauge when using PFT remixer


Art. no.	Pump type	Truck agitator	Description of outlet	
00 47 53 21	all	all	DN35 female DN35 male - round	<i>not shown</i>

BOLERO

Pressure flange

Art. no.	Pump type	Description of outlet	
00 40 29 01	D pumps	1 1/4" internal thread – straight	
00 46 76 69	D pumps	1 1/4" internal thread – straight with PIN (rotating)	

Pump outlet including grout pressure gauge

Art. no.	Pump type	Description of outlet	
00 10 22 28	D pumps	Grout pressure gauge DN35 female DN35 male - round	

01

02

03

04

05

06

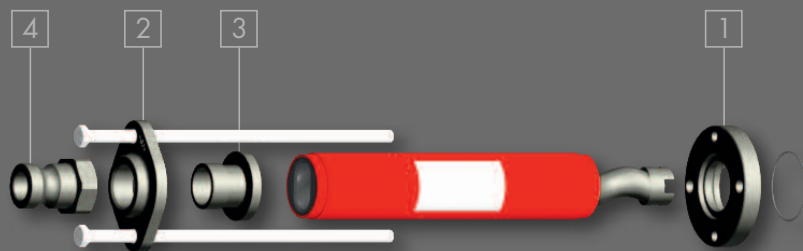
07

08

09

10

Pump equipment for



SWING M

Suction flange

	Art. no.	Pump type	
1	00 15 89 89	B pumps	
	00 15 89 92	C pumps	

Pressure flange - base carrier

	Art. no.	Pump type	Description	
2	00 02 36 58	B and C pumps	1 1/4" outlet	

Pressure flange - inlay

	Art. no.	Pump type	Description	
3	00 04 24 20	C pumps	Inlay for base carrier 00 02 36 58	
	00 04 22 45	B pumps	Inlay for base carrier 00 02 36 58	

Pump outlet/coupling, grout pressure gauge

	Art. no.	Pump type	Description	
4	20 19 93 01	B and C pumps	Coupling 1 1/4" internal thread DN25	
	00 10 22 27	B and C pumps	Mortar pressure gauge DN25 female DN25 male	

SWING L

Suction flange

	Art. no.	Pump type	Description	
1	00 08 94 32	D pumps	200 mm hole spacing	
	20 10 42 17	R pumps	200 mm hole spacing	

Pressure flange

	Art. no.	Pump type	Description	
2	00 17 83 45	D pumps	1 1/4" AG	
	00 20 59 61	R pumps	1 1/4" AG	

Pump outlet/coupling, grout pressure gauge

	Art. no.	Pump type	Description	
4	20 20 07 90	D and R pumps	Coupling 1 1/4" internal thread DN35 fe-	
	00 10 22 28	D and R pumps	Mortar pressure gauge DN35 male DN35 female	


Pump equipment for

ZP 3 L


Suction flange

	Art. no.	Pump type	Description	
1	00280518	L pumps	Adapter flange from R to L	<i>not shown</i>

Pressure flange


	Art. no.	Pump type	Description	
2	00406603	L pumps	2" internal thread – straight	
	00045830	R pumps	2" AG – straight	

Pump outlet/coupling, grout pressure gauge


	Art. no.	Pump type	Description	
4	20200780	D and R pumps	Coupling 1 1/4" internal thread DN35 female	
	00099089	D and R pumps	Grout pressure gauge for mounting on the pressure flange	
	00102229	D and R pumps	Grout pressure gauge DN50 female 2" internal thread	

ZP 3 XL


Suction flange

	Art. no.	Pump type	Description	
1	20120912	R pumps		
	00162366	T pumps		

Pressure flange


	Art. no.	Pump type	Description	
2	00045830	R pumps	2" internal thread – straight	
	00102115	T pumps	2" AG – straight	

Pump outlet/coupling, grout pressure gauge


	Art. no.	Pump type	Description	
4	20200780	D and R pumps	Coupling 1 1/4" internal thread DN35 female	
	00099089	D and R pumps	Grout pressure gauge for mounting on the pressure flange	
	00102229	D and R pumps	Grout pressure gauge DN50 female 2" internal thread	

ZP 3 XXL


Suction flange

	Art. no.	Pump type	Description	
1	00103667	2L8 pump		

Pressure flange - long and short version

	Art. no.	Pump type	Description	
2	00152185	2L8 pump	DN65 male - straight (max 14 mm grain size.)	
	00284320	2L8 pump	DN65 male - straight (max 10 mm grain size.)	

Pump outlet including grout pressure gauge

	Art. no.	Pump type	Description	
4	00098525	2L8 pump	Grout pressure gauge for mounting on the pressure flange	
	00096255	2L8 pump	DN65 male 2 1/2" internal thread	

01

02

03

04

05

06

07

08

09

10