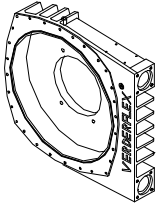
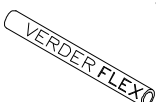
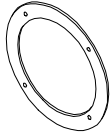


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VF50 Spare Components

Ref	Description	Part No.	No-Off
2	Casing	129.1197	1
			
59	Front Cover O-ring	129.0080	1
	 (659mmØ x 5mm approx)		
49	Front Cover (20 hole)	129.1144	1
54	Rotor	129.0467	1
			
58	Rotor Shoe Assembly		1
			
	Aluminium	129.1359.A	
	Stainless Steel	129.1359.S	
	Other _____	-	
57	Shim (pack of 20)	129.1390.M	1
			
50	Taper Lock Bush Type 3020 (50mm Bore)	129.0066	1
	Type 3020 (65mm Bore)	129.0066.65	1
			
36	Hose	See below	1
			
	NR (black)	129.0006	
	NBR (black)	129.0517	
	EPDM (black)	129.0015	
	NBR (white)	129.0526	
15	Drive Gasket	129.0484	1
			
21/22	Filler Tube	129.0761	1
43	Inspection Cover	129.0226.P	1
44	Inspection Cover gasket	129.0232	1
26/30	Port Flange O Ring Pack (Inner)	129.1403	10 / Pack
32	Port Flange O Ring Pack (Outer)	129.1435	10 / Pack
			

Ref	Description	Part No.	No-Off
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Flange Sealing Kits – Containing:

32	Port Flange O-ring (outer) (110 x 4.0)		2
			
26/30	Port Flange O-ring (inner) (50 x 4.0)		2
			
20	Sealing Ring		2
			
129.1036	-	(To Suit Flanged Port Flanges)	

Port Flange Assembly– Containing:

	Flanged Port Flanges		2
			
24	Flanged PN16	129.0889 MS or SS	
	Flanged ANSI 150lb	129.1339.MS or SS	
	Flanged JIS	129.1026 MS or SS	
	Tri Clamp	129.1302.SS	

Inserts Pair – Containing Flanged Inserts

			2
25			
	Flanged		
	Flanged St. St.	129.1413.S	
	Flanged Polyprop.	129.1413.P	
	Flanged PVDF	129.1413.V	

VF50 Fastener Kits (See Detail Next Page)

Rated : P = Plated , SS = Stainless

VF50 Close Coupled Mounting Frame Fastener Kit	129.0905.1P
VF50 Rotor Shoe Ass'y Fastener Kit	129.0905.2P
VF50 Port Flange Ass'y Fastener Kit	129.0905.3P
VF50 Casing Ass'y Fastener Kit	129.0905.4P
VF50 Long Coupled Mounting Frame Fastener Kit	129.0905.5P

Verderlube - VF50 Standard Quantity

		
1 x 15 litres	Verderlube	129.1417
1 x 15 litres	Verdersil	129.1378

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VF50 Fastener Kit Breakdown

VF50 Mounting Frame Assembly Fastener Kit – 129.0905.1P

Ref	Part	Torque	Use	Quantity
10	M10 Washer		Mounting Frame to Pump Case	4
11	M10 x 25 Bolt	34NM (24.5ft/lb)	Mounting Frame to Pump Case	4
06	M12 x 40 Bolt	45NM (32.4ft/lb)	Crossmembers to Support Frame	2
08	M12 Nylon Insert Nut		Crossmembers to Support Frame	2
07	M12 Washer		Crossmembers to Support Frame	4

VF50 Rotor Shoe Assembly Fastener Kit – 129.0905.2P

Ref	Part	Torque	Use	Quantity
38	M20 Washer		Rotor Shoe Fastening	2
37	M20 x 55 Bolt	50Nm (36ft/lb)	Rotor Shoe Fastening	2
55	M12 x 27 Split Dowel Pin		Rotor Shoe Fastening	2

VF50 Port Flange Assembly Fastener Kit – 129.0905.3P

Ref	Part	Torque	Use	Quantity
28	M10 Washer		Port Flange To Pump Case Connection	8
27	M10 X 35 Bolt	35Nm (25.2ft/lb)	Port Flange To Pump Case Connection	8

VF50 Casing Assembly Fastener Kit – 129.0905.4P

Ref	Part	Torque	Use	Quantity
17	M16 X 65 Bolt	55Nm (39.6ft/lb)	Drive To Gearbox Connection	4
16	M16 Washer		Drive To Gearbox Connection	8
18	M16 Nylon Insert Nut		Drive To Gearbox Connection	4
40	M10 X 25 Bolt	35Nm (25.2ft/lb)	Front Cover To Pump Case Connection	16
39	M10 Washer		Front Cover To Pump Case Connection	20
48	M10 x 30 Stud		Front Cover To Pump Case Connection	4
34	½BSP Plug	50Nm (36ft/lb)	Drain Plug	2
35	M20 Nylon Washer		Drain Plug	2
03	M16 Eye Bolt		Lifting Point On Casing	1
42	M8 x 16 Bolt	6.5Nm (4.7ft/lb)	Inspection Cover to Front Cover	8
41	M8 Nylon Washers		Inspection Cover to Front Cover	8
47	M10 Full Nut	26Nm (18.7ft/lb)	Front Cover To Pump Case Connection	4

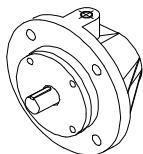
VF50 Mounting Frame Assembly Fastener Kit – 129.0905.5P

Ref	Part	Torque	Use	Quantity
10	M10 Washer		Mounting Frame to Pump Case	4
11	M10 x 25 Bolt	34Nm (24.5ft/lb)	Mounting Frame to Pump Case	4
06	M12 x 40 Bolt	45Nm (32.4ft/lb)	Long Coupled Only – Baseplate	6
08	M12 Nylon Insert Nut		Long Coupled Only – Baseplate	6
07	M12 Washer		Long Coupled Only – Baseplate	12
	M8 x 24 Dowel Pin		Long Coupled Only – Baseplate	4

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VF50 Spare Components

Ref	Description	Part No.	No-Off
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19b	Bearing Housing Assembly (For use with old style pump with rear boss extension)	129.0785	1
	Bearing Housing Assembly (For use with new std pump with machined boss)	129.1785	1

Common parts for both types

	Bearing House O Ring Kit	129.1445	1	Pack of 2
	Bearing House Lip Seal Kit	129.1455	1	Pack of 2
	Bearing House Bearing Kit	129.1465	1	Pack of 2
	Bearing House Shaft Key Kit	129.1475	1	
	Bearing House Shaft	129.0163	1	
	Seal Plate	129.0175	1	
33/14	Close Coupled Mounting Frame Mild Steel	129.1319.MC	1	
	Close Coupled Mounting Frame Stainless Steel	129.1319.SC	1	
9/13	Long Coupled Mounting Frame Mild Steel	129.1319.ML	1	