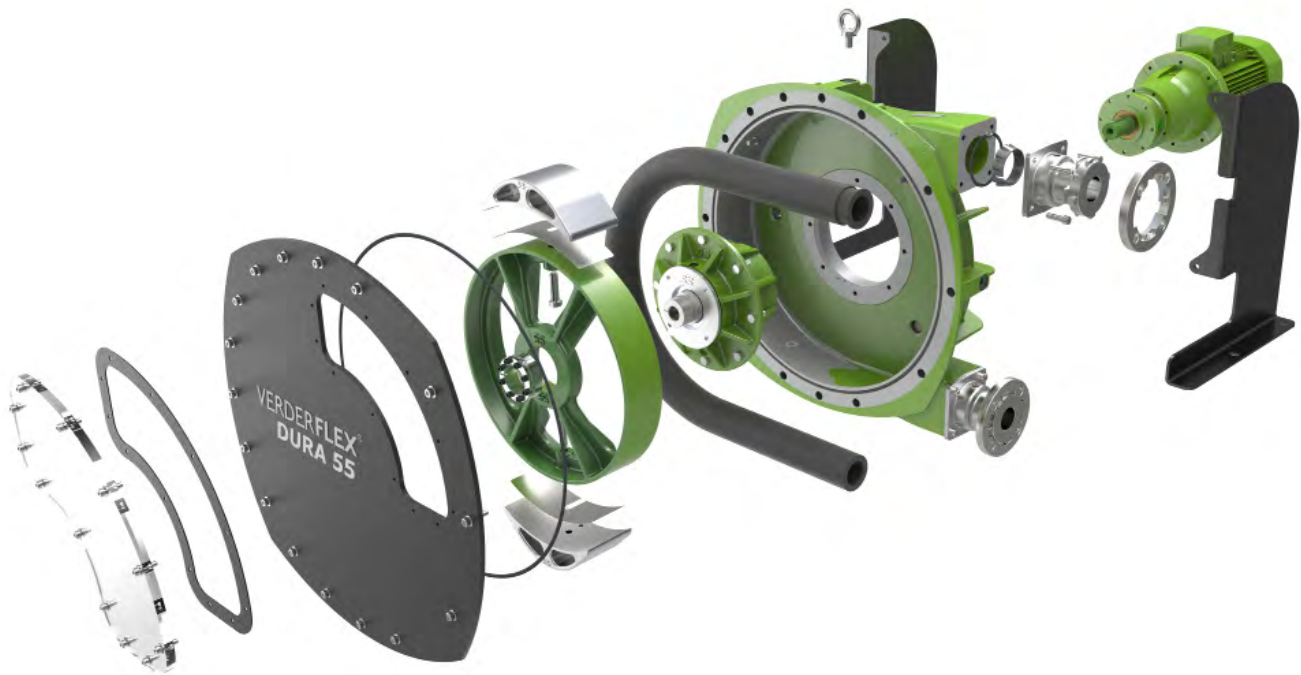


## Peristaltic Industrial Hose Pump

Spare parts list

Dura 45-55 Spare Parts List

Version 1.1v-04/2015  
Print No. 01



Version 1.1v-04/2016  
Print-No. 01

**Dura 45 – 55 Spare parts list**

### Dura 45 - 55 Spare Parts List

Table 1 contains a list of spares to help maintain and repair the Dura 45 – 55 peristaltic pumps. Your Verder distributor will be able to advise you where genuine Verderflex® spares can be purchased.

### Pump Layout – Exploded view Dura 45

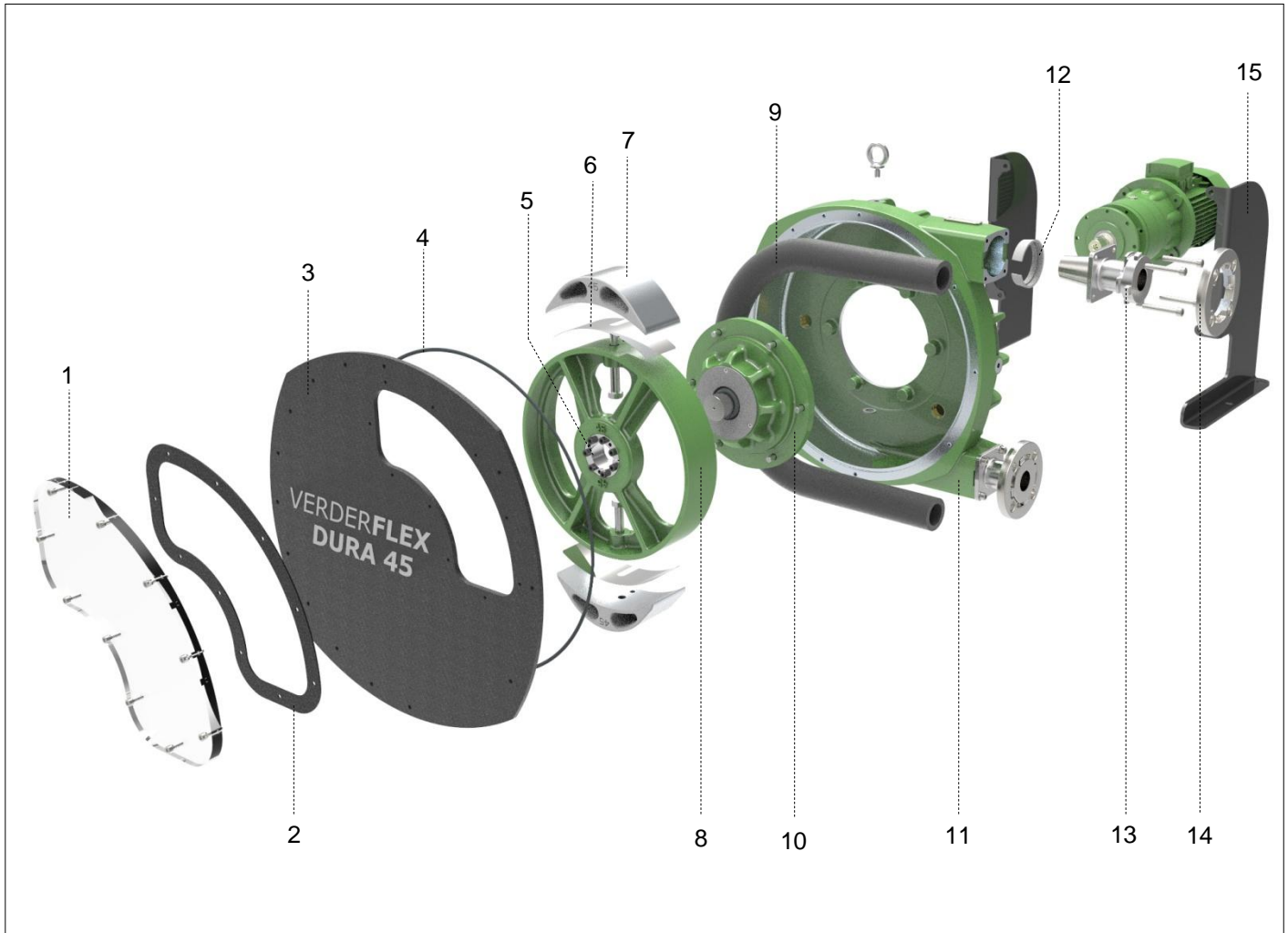


Figure 2 Layout – Dura 45 exploded view

1	Inspection window	6	Shims	11	Pump casing
2	Inspection window gasket	7	Rotor shoe	12	Clamp ring
3	Front cover	8	Rotor	13	Port flange
4	Front cover o-ring	9	Hose	14	¼ turn flange
5	Slip bush	10	Bearing housing	15	Mounting frame

### Pump Layout – Exploded view Dura 55

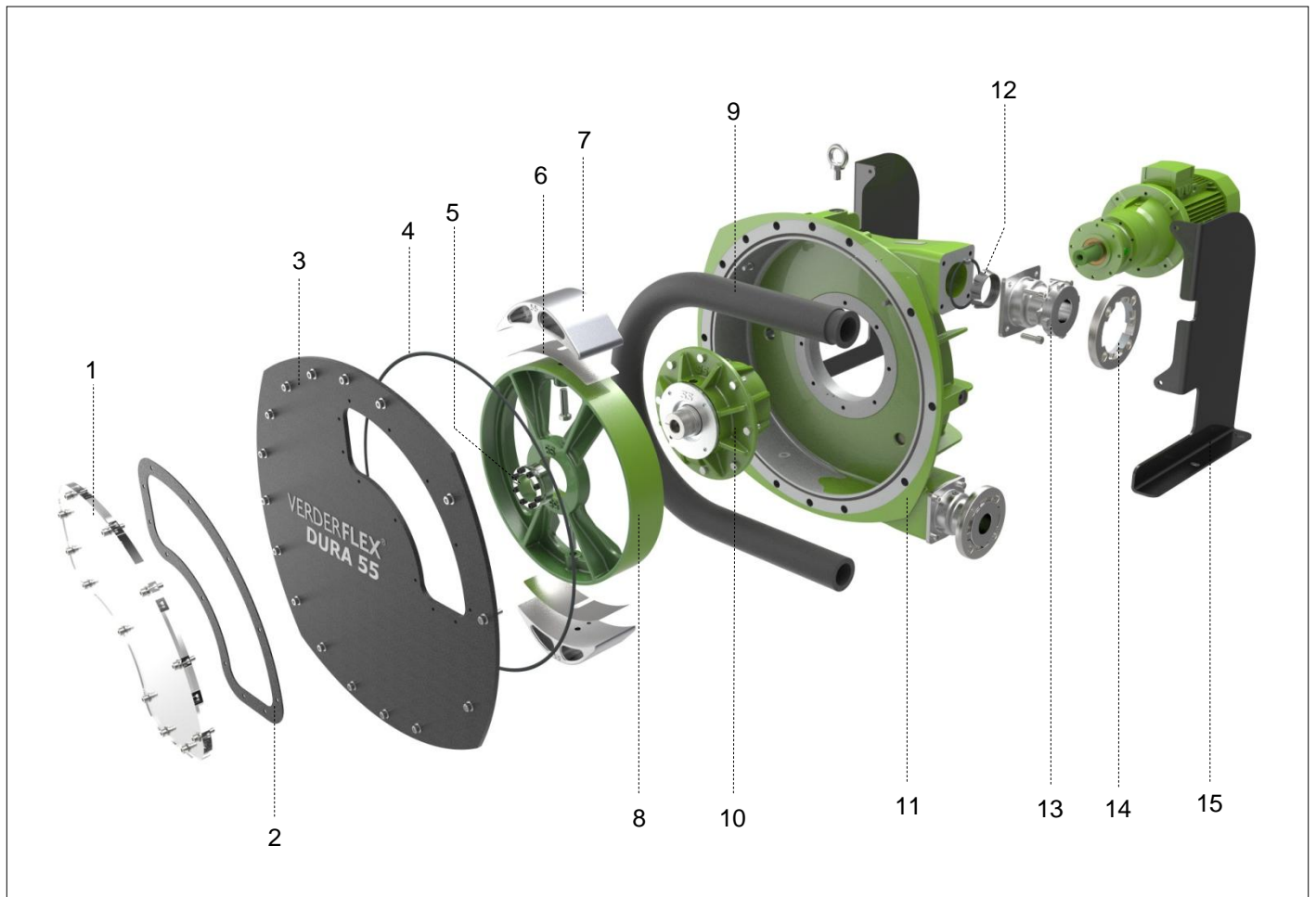


Figure 2 Layout - Dura 55 exploded view

1	Inspection window	6	Shims	11	Pump casing
2	Inspection window gasket	7	Rotor shoe	12	Clamp ring
3	Front cover	8	Rotor	13	Port flange
4	Front cover o-ring	9	Hose	14	¼ turn flange
5	Slip bush	10	Bearing housing	15	Mounting frame

Table1 Dura 45 - 55 Spare Parts List
















Ref	Item	Part No		Qty	Image
1.	Inspection window	D 45	139.2225.P	1	
		D 55	139.1019		
1.1	Inspection window assembly (with gasket)	D 45	139.2225.PA	1	
		D 55	139.1038		
2.	Inspection window gasket	D 45	139.2234	1	
		D 55	139.1020		
3.	Front Cover	D 45	139.1043.ST	1	
		D 55	139.1016		
3.1	Front cover Assembly (with Inspection window)	D 45	139.1043.A	1	
		D 55	139.1044.A		
4.	Front cover O-ring	D 45	139.1079	1	
		D 55	139.1017		
5.	Slip bush	D 45	139.8007	1	
		D 55	139.1005		


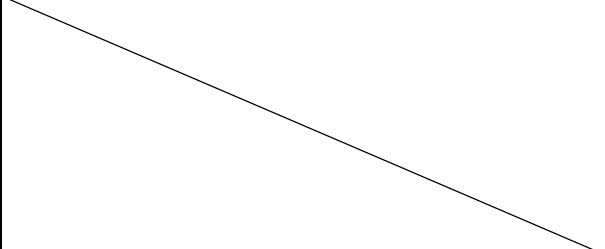

Table1 Dura 45 - 55 Spare Parts List (continued)

Ref	Item	Part No		Qty	Image	
6.	Shims	D 45	139.1389.M	1		
		D 55	139.1390			
7.	Rotor shoe	D 45	139.8019.A	1		
		D 55	139.8020.A			
8.	Rotor	D 45	139.2051.CI	1		
		D 55	139.1013			
10.	Bearing Housing	D 45	139.8001.A	1		
		D 55	139.8100			
10.1	Bearing Housing Seal Kit	D 45	139.1454.A	1		
		D 55	139.1059			
10.2	Bearing housing service kit	D 45	-	1		
		D 55	139.1060			
12.	Clamp ring (Supplied as Flange Sealing Kit)	D45	139.1046	1		
		D55	139.1036		D45	D55

**Table1 Dura 45 - 55 Spare Parts List (continued)**








Ref	Item	Part No	Qty	Image		
13.	Port flange	D45	139.1338.A	1		
		SS 1pc. solid	D55			139.1034
		SS flange without insert	D45			-
			D55			139.1035
		Split flange assembly	D45			139.8052.A
		SS flange complete with PP insert	D45			139.8054.A
			D55			139.1057
		SS flange complete with PVDF insert	D45			139.8053.A
D55	139.1058					
13.1	Flange insert	PP	D45	139.8054	1	
			D45	139.8053		
		PVDF	D55	139.2157		
			D55	139.2158		
14.	¼ Turn Flange	D45	139.8044.A	1		
		D55				
15.	Mounting frame	D 45	139.2328.A	1		
		D 55	139.2329.A	1		

**Table1 Dura 45 - 55 Spare Parts List** (continued)

Item	Part No		Qty	Image
<b>Drain Assembly</b>	D45	139.8055	1	
	D55	139.8055		
<b>Filler Assembly</b>	D45	139.1762	1	
	D55	139.1762		
<b>High level sensor</b>	D45	139.8048	1	
	D55	139.8048		
<b>Low level sensor</b>	D45	-	-	
	D55	-		
<b>Hose burst kit</b>	D45	129.0719	1	
	D55	129.0719		
<b>Revolution sensor</b>	D45	129.0805	1	
	D55	129.0805		



**Table 2: Parts for reference** (not supplied as spares by Verderflex)

Item		Pump model		Image
<b>Mounting frame fasteners</b>		D 45	<i>M12 x 25 – 10.9 Steel BZP</i>	
		D55	<i>M12 x 25 – 10.9 Steel BZP</i>	
<b>Rotor shoe fastener</b>		D 45	<i>M16 x 60 – 10.9 Steel BZP</i>	
		D 55	<i>M16 x 60 – 10.9 Steel BZP</i>	
<b>Bearing housing fastener</b>		D 45	<i>M12 x 35 – 10.9 Steel BZP</i>	
		D 55	<i>M12 x 35 – 10.9 Steel BZP</i>	
<b>Front cover screws</b>		D 45	<i>M8 x 35 – 12.9 Steel BZP</i>	
		D 55	<i>M10x 40 – 12.9 Steel BZP</i>	
<b>Port flange screws</b>		D 45	<i>M10 x 70 – 12.9 Steel BZP FULL THD</i>	
		D 55	<i>M12 x 40 – 12.9 Steel BZP</i>	
<b>Inspection window screws</b>		D 45	<i>M6 x 25 – 12.9 Steel BZP</i>	
		D 55	<i>M8 x 27 – 8.8 Steel BZP</i>	
<b>WASHERS</b>	Mounting frame	D 45	<i>M12 serrated external washer</i>	
	Inspection window		<i>M6 Form A BZP</i>	
	Front cover		<i>M8 Form A BZP</i>	
	Rotor shoe		<i>M16 Form A BZP</i>	
	Mounting frame	D 55	<i>M12 serrated external washer</i>	
	Inspection window		<i>M8 Form A BZP</i>	
	Front cover		<i>M10 Form A BZP</i>	
	Rotor shoe washer		<i>M16 Form A BZP</i>	

**Table 3: Hose options**

Item Description		Part No		Qty	Image
<b>Hose option</b> <i>NR/White</i>	singles	D 45	139.0005	1	
		D 55	139.0006		
<b>Hose option</b> <i>NBR/Yellow</i>	singles	D 45	139.0516	1	
		D 55	139.0517		
<b>Hose option</b> <i>NBRF/Yellow + White</i>	singles	D 45	139.2025	1	
		D 55	139.2026		
<b>Hose option</b> <b>Hypalon® /Green</b>	singles	D 45	139.2014	1	
		D 55	139.2015		
<b>Hose option</b> <i>EPDM/Red</i>	singles	D 45	139.0014	1	
		D 55	139.0015		

**Table 4: Pump Lubricants**

The pump must always be filled with the correct amount of lubricant to the middle level marks of the front cover. Table 4 shows the standard amount of lubricant supplied with Dura pumps in litres and US gallons.

Pump size	Lubricant	Standard Quantity Required	Part Number
<b>Dura 45</b>	Verderlube®	10 L	129.1421
	VerderSil®		129.1376
<b>Dura 55</b>	Verderlube®	15 L	129.1417
	VerderSil®		129.1378