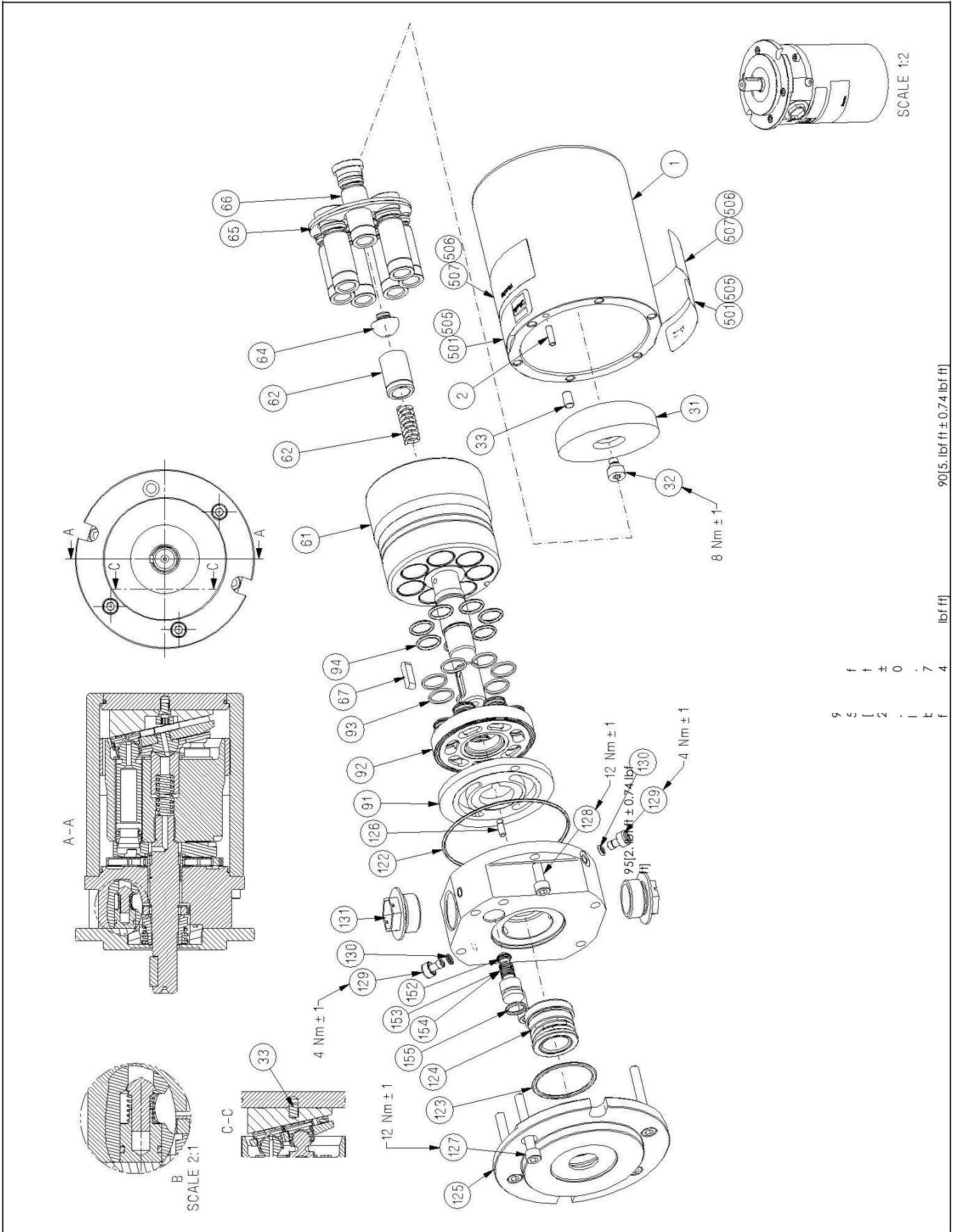


9. Exploded view
APP 3.0 - 3.5



9
5
1
2
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1
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f

f
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0
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7
4

90 [5. lbf ft ± 0.74 lbf ft]

lbf ft

Parts list
APP 0.6-43 / APM 0.8-2.9 / APP W 5.1-10.2
**10. Parts list
APP 5.1 - 10.2**
Note:
 The parts listed are not sold separately, only in various kits.

Exploded view, see next page.

Pos.	Qty.	Designation	Material	180B4161 – Seal set (APP 5.1-10.2)	180B4160 – Cylinder barrel (APP 5.1-10.2)	180B4158 – Valve plate set (APP 5.1-8.2)	180B4159 – Valve plate set (APP 10.2)	180B4156 – Retainer set (APP 5.1-8.2)	180B4157 – Retainer set (APP 10.2)	180B4154 – Piston set (APP 5.1-8.2)	180B4155 – Piston set (APP 10.2)	180B4129 – Swash plate set (APP 5.1)	180B4130 – Swash plate set (APP 6.5)	180B4131 – Swash plate set (APP 7.2)	180B4132 – Swash plate set (APP 8.2)	180B4133 – Swash plate set (APP 10.2)
1	1	Housing	Duplex / PEEK													
2	1	Pin (Ø6x10)	AISI 316	x												
3	2	Bleeding plug	Duplex	x												
4	2	O-ring (Ø4.5x1.5)	NBR	x												
31	1	Swash plate	Super Duplex									x	x	x	x	x
34	2	Pin (Ø6x10)	AISI 316	x								x	x	x	x	x
36	1	O-ring (Ø117x2.5)	NBR	x						x	x					
61	1	Cylinder barrel	Super Duplex / PEEK		x											
64	1	Retainer ball	Super Duplex					x	x							
65	1	Retainer plate	Super Duplex					x	x							
66	9	Piston	Super Duplex / PEEK							x	x					
67	1	Key (10x8x45)	AISI 316	x												
91	1	Port plate	Super Duplex / PEEK			x	x									
92	1	Valve plate	Super Duplex			x	x									
93	9	Back-up ring	PTFE	x		x	x									
94	9	O-ring (Ø18.3x2.4)	NBR	x		x	x									
181	1	Port flange	Super Duplex													
182	1	O-ring (Ø135x3)	NBR	x												
183	1	Guide pin	Super Duplex													
184	1	Pin (Ø6x10)	AISI 316	x												
185	1	Pin (Ø6x10)	PEEK	x		x	x									
186	8	Screw (M8x20)	AISI 316	x												
211	1	Mounting flange	AISI 316													
212	1	O-ring (Ø135x3)	NBR	x						x	x					
213	1	Sealing ring	PEHD									x	x	x	x	x
214	1	O-ring (Ø58x2)	NBR	x												
215	1	Shaft seal	Hastelloy / NBR	x												
216	1	Stop bush	PEEK	x												
217	1	Bush	Super Duplex													
218	8	Screw (M8x20)	AISI 316	x						x	x					
219	1	Screw (M6x22)	AISI 316	x								x	x	x	x	x
		Instruction		x	x	x	x	x	x	x	x	x	x	x	x	x

Parts list

APP 0.6-43 / APM 0.8-2.9 / APP W 5.1-10.2

**12. Parts list
APP W 5.1 - 10.2**

Note:
The parts listed are not sold separately, only in various kits.

Exploded view, see next page.

Pos.	Qty.	Designation	Material	180B4161 – Seal set (APP 5.1-10.2)	180B4160 – Cylinder barrel (APP 5.1-10.2)	180B4158 – Valve plate set (APP 5.1-8.2)	180B4159 – Valve plate set (APP 10.2)	180B4086 – Retainer set (APP W 5.1-8.2)	180B4087 – Retainer set (APP W 10.2)	180B4154 – Piston set (APP 5.1-8.2)	180B4155 – Piston set (APP 10.2)	180B4129 – Swash plate set (APP 5.1)	180B4130 – Swash plate set (APP 6.5)	180B4131 – Swash plate set (APP 7.2)	180B4132 – Swash plate set (APP 8.2)	180B4133 – Swash plate set (APP 10.2)	
1	1	Housing	Duplex / PEEK														
2	1	Pin (Ø6x10)	AISI 316	x													
3	2	Bleeding plug	Duplex	x													
4	2	O-ring (Ø4.5x1.5)	NBR	x													
31	1	Swash plate	Super Duplex									x	x	x	x	x	
34	2	Pin (Ø6x10)	AISI 316	x								x	x	x	x	x	
36	1	O-ring (Ø117x2.5)	NBR	x						x	x						
61	1	Cylinder barrel	Super Duplex / PEEK		x												
64	1	Retainer ball	Super Duplex / DLC					x	x								
65	1	Retainer plate	Super Duplex / DLC					x	x								
66	9	Piston	Super Duplex / PEEK							x	x						
67	1	Key (10x8x45)	AISI 316	x													
91	1	Port plate	Super Duplex / PEEK			x	x										
92	1	Valve plate	Super Duplex			x	x										
93	9	Back-up ring	PTFE	x		x	x										
94	9	O-ring (Ø18.3x2.4)	NBR	x		x	x										
181	1	Port flange	Super Duplex														
182	1	O-ring (Ø135x3)	NBR	x													
183	1	Guide pin	Super Duplex														
184	1	Pin (Ø6x10)	AISI 316	x													
185	1	Pin (Ø6x10)	PEEK	x		x	x										
186	8	Screw (M8x20)	AISI 316	x													
211	1	Mounting flange	AISI 316														
212	1	O-ring (Ø135x3)	NBR	x						x	x						
213	1	Sealing ring	PEHD									x	x	x	x	x	
214	1	O-ring (Ø58x2)	NBR	x													
215	1	Shaft seal	Hastelloy / NBR	x													
216	1	Stop bush	PEEK	x													
217	1	Bush	Super Duplex														
218	8	Screw (M8x20)	AISI 316	x						x	x						
219	1	Screw (M6x22)	AISI 316	x								x	x	x	x	x	
		Instruction		x	x	x	x	x	x	x	x	x	x	x	x	x	x

13. Exploded view
APP W 5.1 - 10.2

