

List of components

Valid for all pumps in sizes: ABF 080, 090, 100, 110, 125 & 140; Rotor diameter and generation L2/L4/N2/N4/P4
With version codes: I } R } Y } P } The version code is composed of the letters in the 4 columns

Also valid for pump option A020 & A561

Example of pump designations std: ABF 080N2 IRYP

option: ABF 140P4 IRYP A561

Pos No	Denomination	Qty	G011	G031	G041	G050	G053	G054	G057	G070	G090	Note
1010	Power rotor	1	x					x			x	
106	Balancing piston	1	x					x			x	
114	Tension pin	1	x					x			x	
115	Thrust washer	1	x					x			x	
116	Thrust washer	1	x					x			x	
117	Locking ring	1	x					x			x	
201	Idler rotor	2	x					x			x	
301	Sleeve	1									x	
307	Screw	6									x	
307A	Locking wire	1									x	
313	Drain tube	1									x	
3510	Front balancing cover	1									x	
354	Bearing bush	1		x							x	
355	Set screw	1		x							x	
355A	Washer	1		x							x	
356	Tension pin	1		x							x	
357	Thrust washer	1		x							x	
358	Locking ring	1		x							x	
361	Screw	4									x	
362	Washer	4									x	
368	Plug	1									x	
373	Thrust pad	2			x						x	
375	Balancing bush	1			x						x	
376	Balancing bush	2			x						x	
377	Screw	1			x						x	
3800	Balancing cover	1									x	
381	Plug	2									x	
382	Screw	4									x	
383	Washer	4									x	
401	Pump body	1										
451	Stud bolt	8										
452	Nut	8										
455	Stud bolt	8										
456	Nut	8										
462	Plug	1										
462A	Washer	1					x	x	x			
464	Plug	2										
464A	Washer	2					x	x	x			
466	Cover	1										
466A	O-ring	1					x	x	x			
467	Screw	6										
467A	Washer	6										
501	Top cover	1										
504	Screw	4										
506	Joint	1					x	x	x			
509A	Sealing bush	1				x	x	x			x	
509C	Rubber ring	1				x	x	x			x	
509D	Washer	1				x	x	x			x	
509E	Spring	1				x	x	x			x	
511	Gland	1				x	x	x			x	
511A	Joint	1				x	x	x			x	
561	Heating element	1										1
562	Nut	4										1
563A	Joint	1										1
564	Cover	1										1

Pos No	Denomination	Qty	G011	G031	G041	G050	G053	G054	G057	G070	G090	Note
601	Valve cover, upper	1								x		
602	Joint	1					x	x	x	x		
605	O-ring	1					x	x	x	x		
606	Valve cover, lower	1								x		
607	Joint	1								x		
608	Valve spindle	1								x		
6120	Regulating nut	1								x		
613	Pin	1								x		
614	Valve piston	1								x		
615	Valve spring	1						x		x		
621	Hand wheel	1								x		
622	Nut	1								x		
622A	Key	1								x		
623	Plate	1								x		
636	Chock valve	1/3								x		2
655	Guiding washer	1								x		
656	Guiding socket	1								x		
657	Spring	1								x		
658	Distance sleeve	1								x		

Notes:

- 1) Included in pump option IRYP A561 (pump with heating device)
- 2) Incl. in item 6140. Valid for sizes 100-140.
- 3) These items will only be delivered if components still are available

Explanations:

A020: Surface-treated cast iron pump bodies.
 A561: Pump including heating device
 G011: Rotor set
 G031: Front balancing cover
 G041: Rear bearing element
 G050: Shaft seal
 G053: Minor kit (G050 + G057)
 G054: Major kit = G050+G057+G011+Item 615
 G057: Joint kit
 G070: Valve element
 G090: Pump element

Old designation

ABF 80-3 N2M
 ABF 110-3 N4M
 ABF 125-3L N4M/Y
 ABF 140-3P N4M561A
 Sizes 80-100 in generation N2M=z2
 Sizes 110-140 in generation N4M=z4

Current designation

ABF 080N2 IRYP
 ABF 110N4 IRYP
 ABF 125L4 IRYP A020
 ABF 140P4 IRYP A561

Also valid for older generations of pumps:

ABF 110-140 N2M:
 All parts, except item 401 pump body, are applicable.
ABF NM, NM 401 or NM 410 (all sizes)
 All parts, except item 401, 501, 601, 606 and 622A pump body, are applicable.
 These pumps have welded pump bodies.
ABB N3B(Y) (all sizes): Foot mounted version
 All parts included in pump element G090 and valve element G070 are identical with ABF parts.

**** Spares of ABF pumps in sizes 080-140 were available until 2003. After that date only the spare parts sets G050 & G057 will be available for sale at least up the the end of 2017.**

Ordering code

Pos No	Spare parts (set)	Part numbers for pump size						Note
		080	090	100	110	125	140	
G050	Shaft seal	116251	116269*	116277	116285	116293	116301	1
G057	Joint kit	183699	183699	183707	183715	183723	183731	
506	Gasket - Joint	021477	021477	021568	021782	021923	022087	
509C	Rubber ring	012690	012690	012765	012815	012906	012948	
608	Valve spindle	046581	046581	048967	048967	051243	051243	
614	Valve piston	046599	046599	048975	048975	051250	051250	
615	Valve spring	021451	021451	021766	021766	022061	022061	
657	Spring	090654	090654	090662	090662	090670	090670	

Notes:

*) For pump ABB 90-3 N3B: Shaft seal G050 p/n 116251;

1) Not valid for pump option A020.

Recommendation:

For maintenance the following spare part sets are recommended:

Set: To be used:

G057 Joint kit

For dismantling of the pump.

G053 Minor kit

For service

Ordering example:

For IMO-pump ABF 080N2 IRYP

Serial number 345678

Shaft seal G050 p/n 116251

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