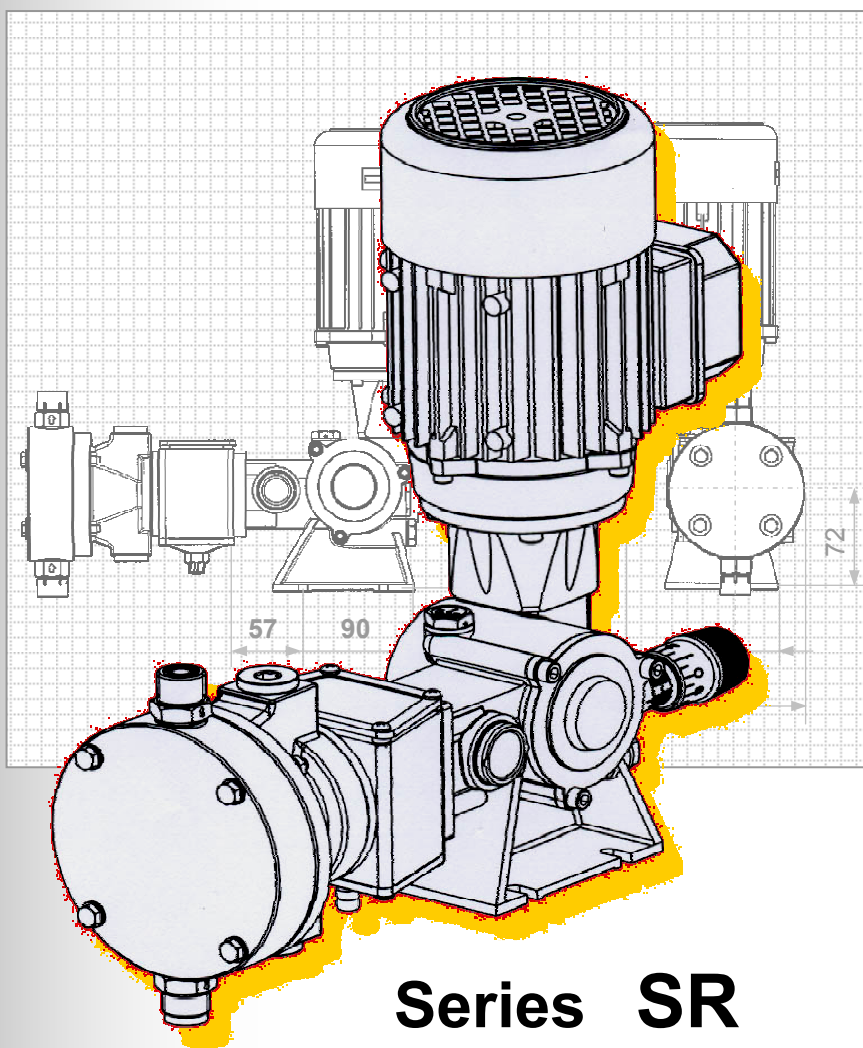
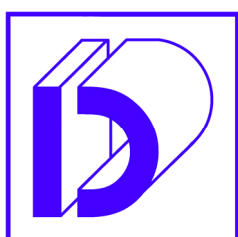




Drawings and details



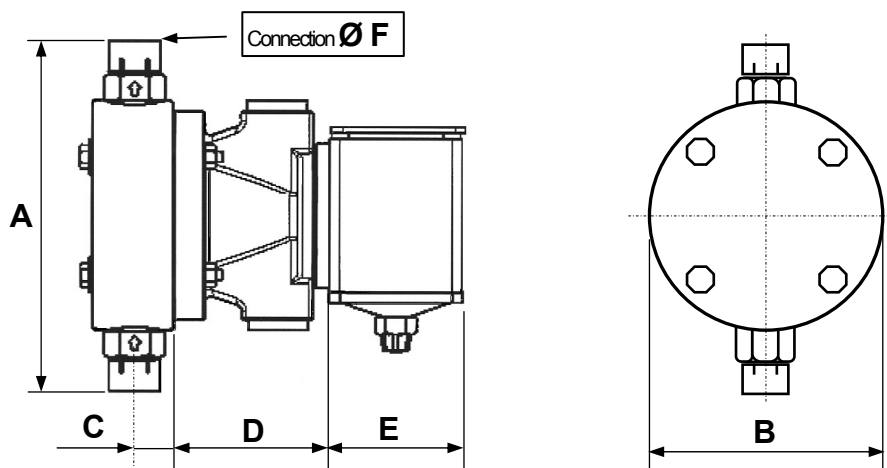
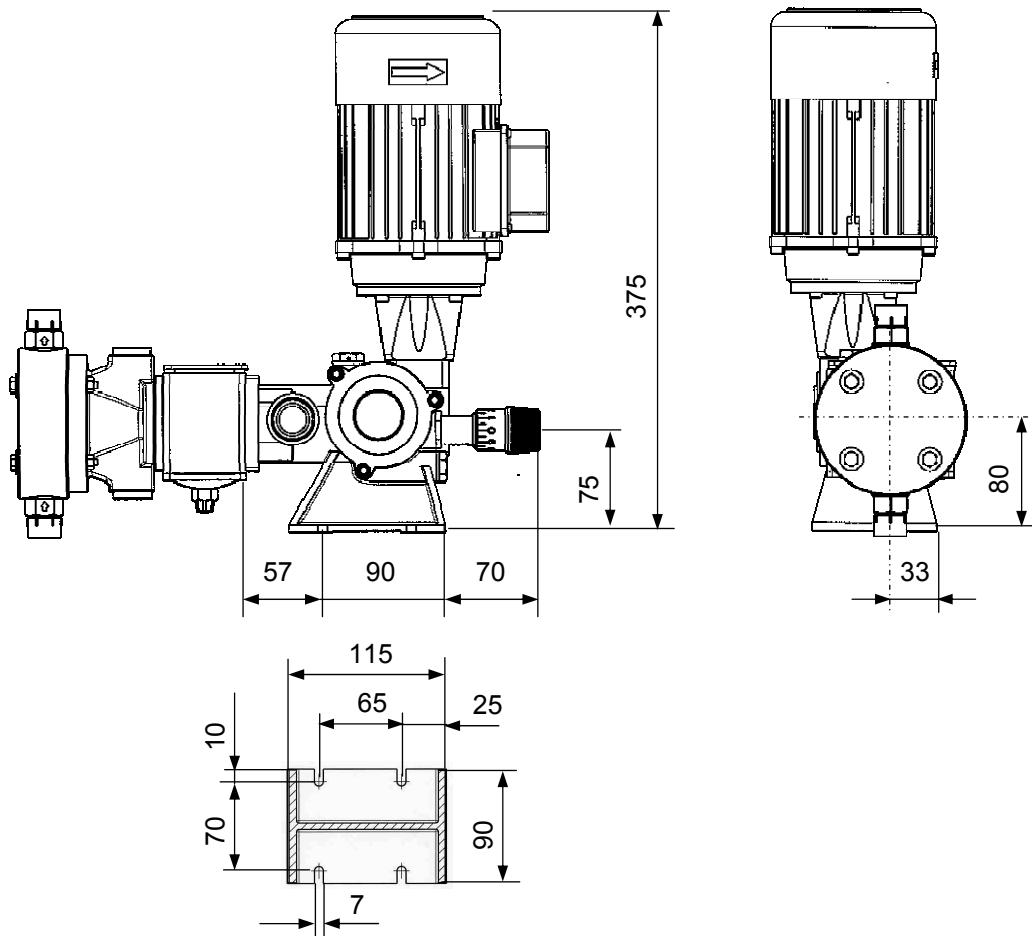
Series SR
Model B 125N
B 175N
B 250N



Hydraulic diaphragm alternative dosing pump

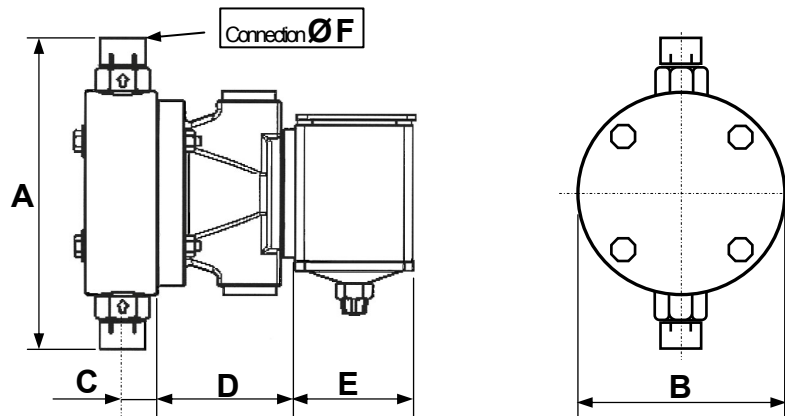
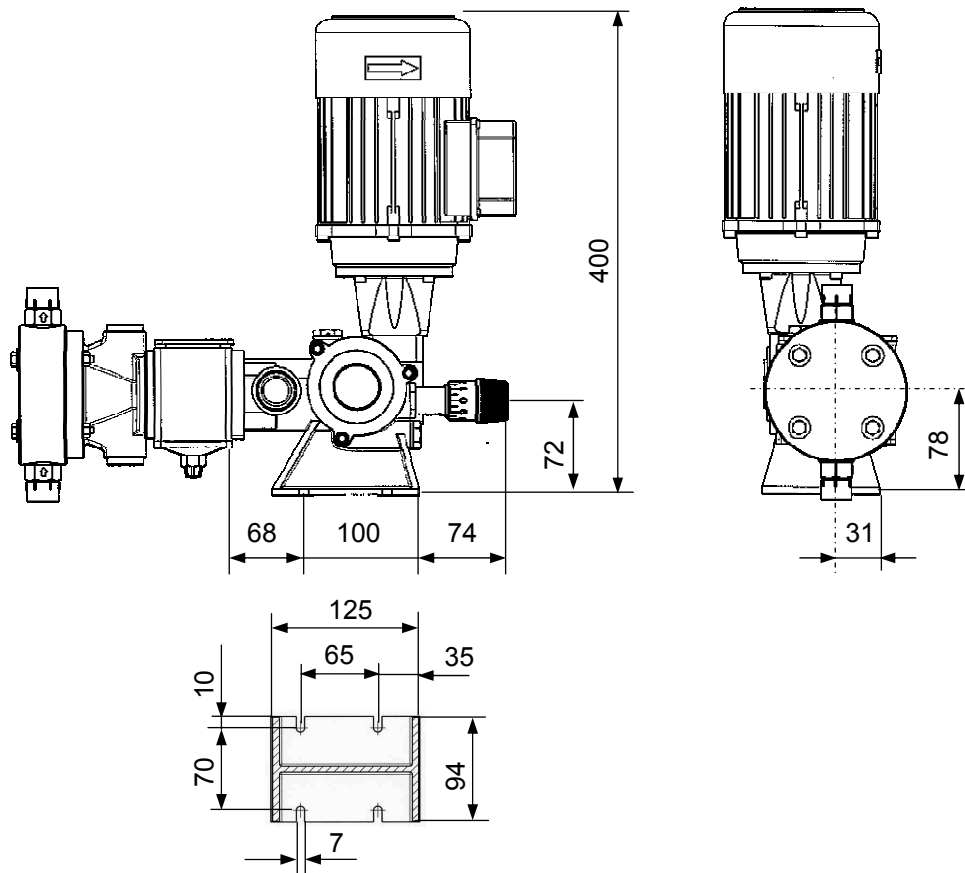
2011 EDITION

SR Series - Model B 125N **OVERALL PUMP DIMENSIONS**



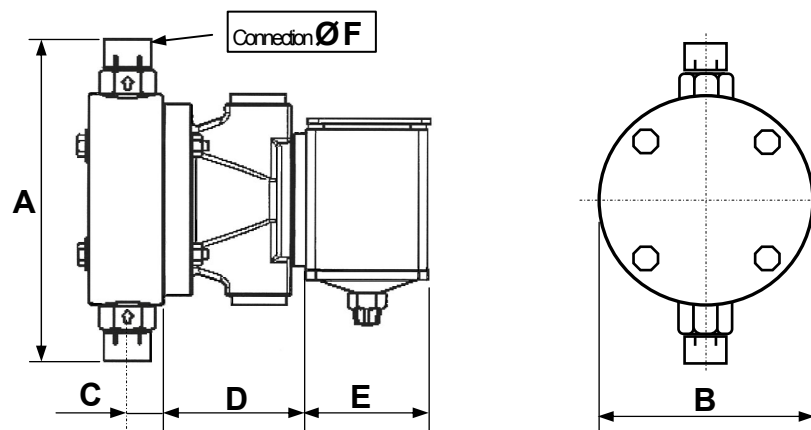
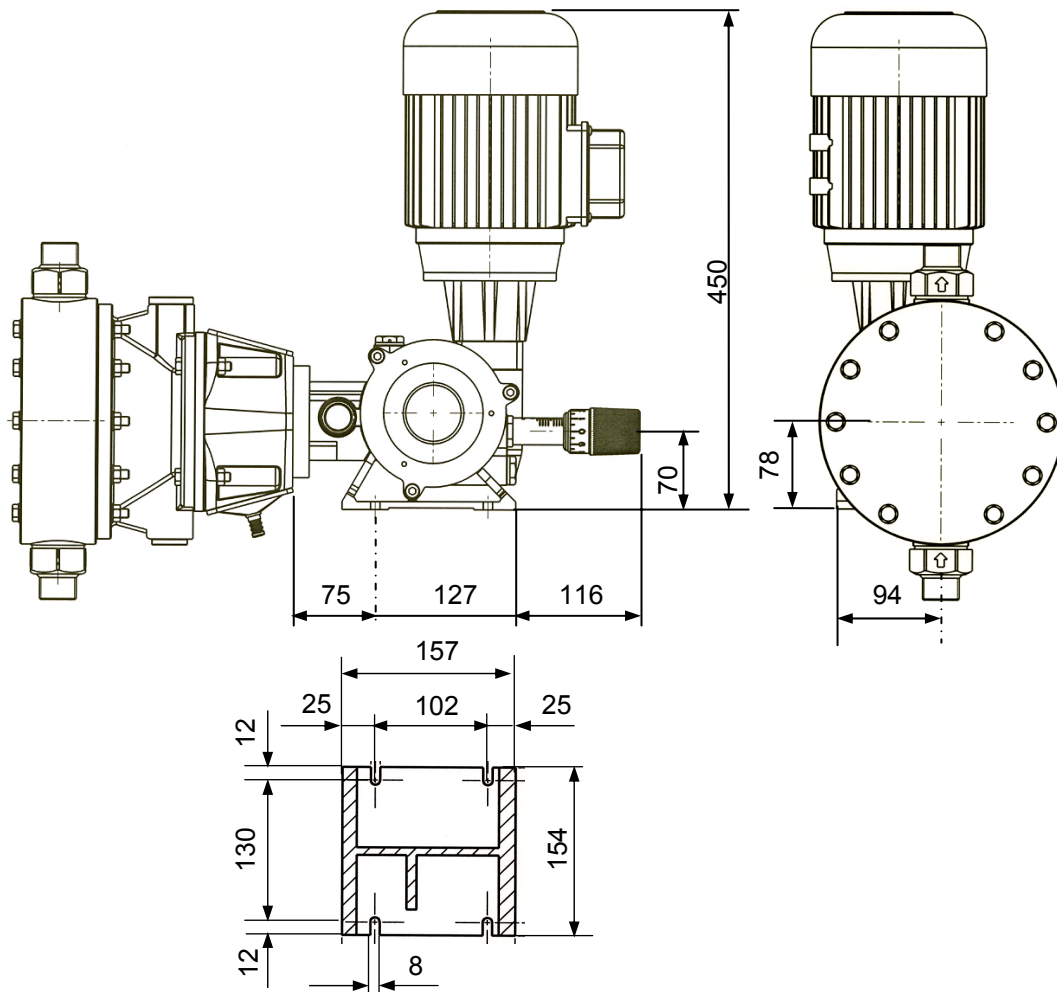
Model	Execution - Stainless Steel						Execution - PLASTIC					
	A	B	C	D	E	Ø F - Valve	A	B	C	D	E	Ø F - Valve
B 125N - 08	156	100	13,5	70	60	1/2" Gm AB 3	178	110	17,5	70	60	1/2" Gm AC 3
B 125N - 12	156	100	13,5	70	60	1/2" Gm AB 3	178	110	17,5	70	60	1/2" Gm AC 3
B 125N - 18	176	120	13,5	70	60	1/2" Gm AB 5	198	130	17,5	70	60	1/2" Gm AC 4
B 125N - 25	176	120	13,5	70	60	1/2" Gm AB 5	198	130	17,5	70	60	1/2" Gm AC 5
B 125N - 30	170	120	13,5	70	60	1/2" Gm AB 6	241	140	20	70	60	1/2" Gm AC 8
B 125N - 40	180	130	13,5	70	60	1/2" Gm AB 8	241	140	20	70	60	1/2" Gm AC 8

SR Series - Model B 175N OVERALL PUMP DIMENSIONS



Model	Execution - Stainless Steel						Execution - PLASTIC					
	A	B	C	D	E	Ø F - Valve	A	B	C	D	E	Ø F - Valve
B 175N - 08	156	100	13,5	70	60	1/2" Gm AB 3	178	110	18	70	60	1/2" Gm AC 3
B 175N - 12	156	100	13,5	70	60	1/2" Gm AB 3	178	110	18	70	60	1/2" Gm AC 3
B 175N - 18	176	120	13,5	70	60	1/2" Gm AB 3	198	130	18	70	60	1/2" Gm AC 4
B 175N - 25	176	120	13,5	70	60	1/2" Gm AB 5	198	130	18	70	60	1/2" Gm AC 5
B 175N - 30	170	120	13,5	70	60	1/2" Gm AB 6	241	140	20	70	60	1/2" Gm AC 8
B 175N - 40	180	130	13,5	70	60	1/2" Gm AB 8	241	140	20	70	60	1/2" Gm AC 8
B 175N - 50	232	170	21	75	80	3/4" Gm AB 11	245	180	23	75	80	3/4" Gm AC 11
B 175N - 55	232	170	21	80	80	3/4" Gm AB 13	245	180	23	80	80	3/4" Gm AC 13
B 175N - 65	232	170	21	84,5	80	3/4" Gm AB 13	245	180	23	84	80	3/4" Gm AC 13

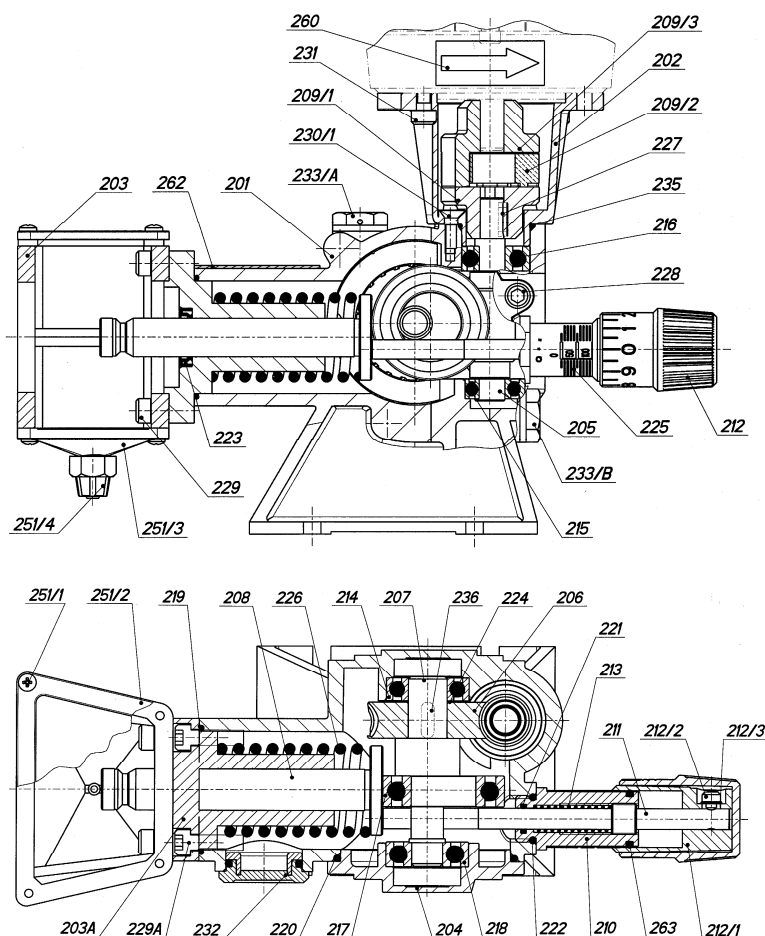
SR Series - Model B 250N OVERALL PUMP DIMENSIONS



Model	Execution - Stainless Steel						Execution - PLASTIC					
	A	B	C	D	E	Ø F - Valve	A	B	C	D	E	Ø F - Valve
B 250N - 40	232	170	21	74	80	3/4" Gm AB 11	245	180	23	74	80	3/4" Gm AC 11
B 250N - 50	232	170	21	74	80	3/4" Gm AB 13	245	180	23	74	80	3/4" Gm AC 13
B 250N - 55	232	170	21	80	80	3/4" Gm AB 13	245	180	23	80	80	3/4" Gm AC 13
B 250N - 65	322	210	27	97	80	1" Gm AB 17	320	220	34	97	80	1" Gm AC 17
B 250N - 75	322	210	27	97	80	1" Gm AB 22	320	220	34	97	80	1" Gm AC 22
B 250N - 90	322	210	27	101	80	1" Gm AB 22	320	220	34	101	80	1" Gm AC 22

SR Series – Model B 125N - B 175N - B 250N

LOCATION OF PUMP COMPONENTS



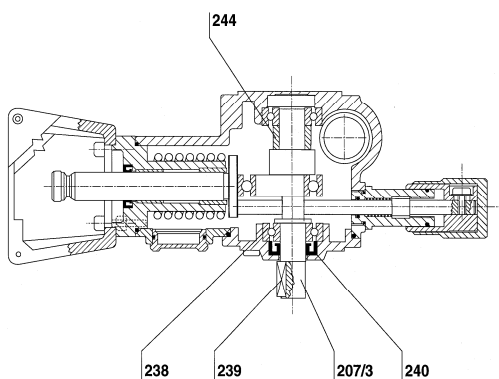
Pos.	Spare part	Description	Pos.	Spare part	Description
201		Pump body	220	(2)	OR Gasket
202		Motor support lantern	221	(2)	OR Gasket
203	(1)	Pump head support lantern	222	(2)	OR Gasket
203/A		Slide bracket	223	(2)	MIM Gasket
204		Cover	224		Thickness
205	(1)	Worm screw	225		Adhesive plate
206	(1)	Helical gear	226	(1)	Spring
207		Shaft	227		Key
208	(2)	Slide	228		Screw
209/1		Flexible coupling (lower)	229		Screw
209/2		Star	229/A		Screw
209/3	(1)	Flexible coupling (upper)	230/1		Screw
210		Adjustment bracket	231		Screw
211	(1)	Adjustment screws	232		Oil level indicator
212		External semi - handle	233/A		Oil filler plug
212/1		Internal semi - handle	233/B		Oil drain plug
212/2		Screw	235	(2)	OR Gasket
212/3		Toothed lock washer	236		Key
213		Spring	251/1		Screw
214	(1)	Bearing	251/2	(1)	"CE" Cover
215	(1)	Bearing	251/3	(1)	"CE" Cover
216	(1)	Bearing	251/4		Threaded ring
217	(1)	Bearing	260		Adhesive arrow
218	(1)	Bearing	262		Plate
219	(2)	OR Gasket	263	(2)	OR Gasket

Identification and frequency of parts subject to replacement, (1) = RARELY (2) = POSSIBLE (3) = CERTAIN

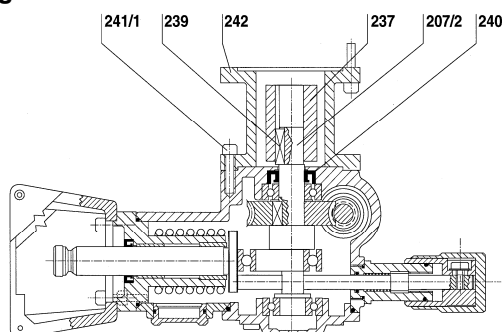
SR Series - Model B 125N - B 175N - B 250N

LOCATION OF PUMP COMPONENTS FOR MULTIPLE MATCHING

Left duplex pump

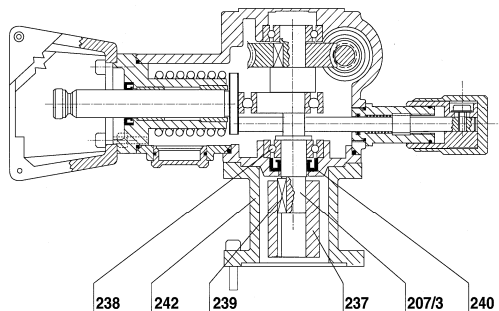


Dwg. 6

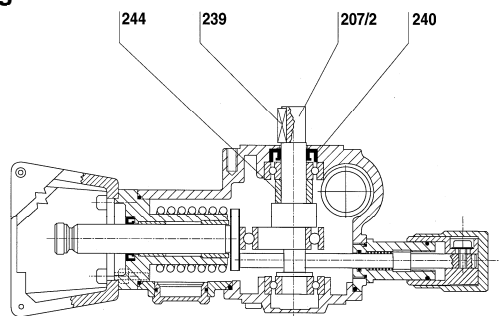


Dwg. 8

Right duplex pump

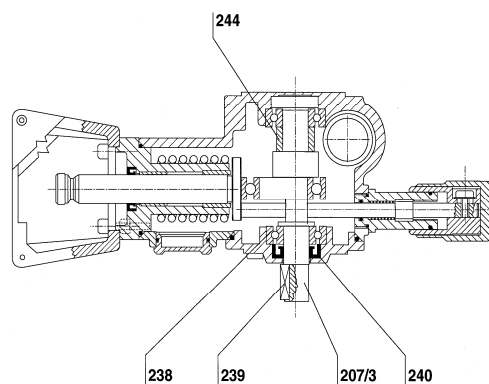


Dwg. 7



Dwg. 3

Triplex pump



Dwg. 6

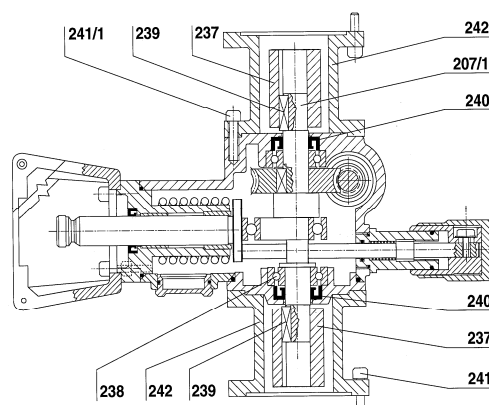
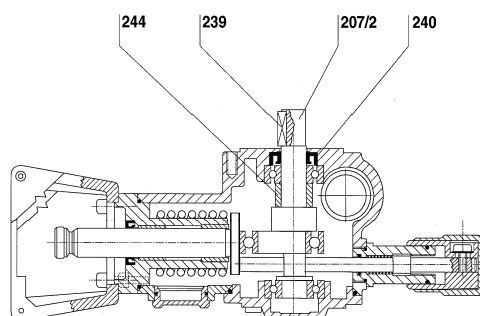


Fig. 5



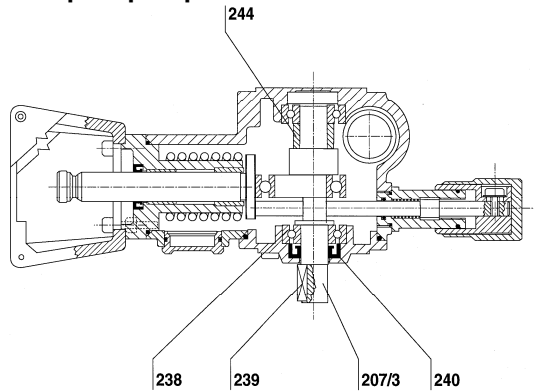
Dwg. 3

Fig.	Composition
3	Right gearbox
5	Main gearbox
6	Left gearbox
7	Main gearbox right
8	Main gearbox right extension

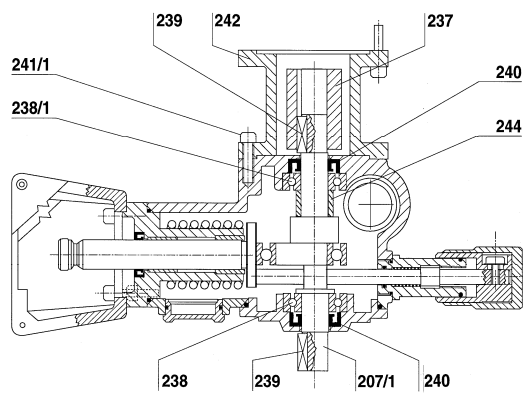
SR Series - Model B 125N – B 175N – B 250N

LOCATION OF PUMP COMPONENTS FOR MULTIPLE MATCHING

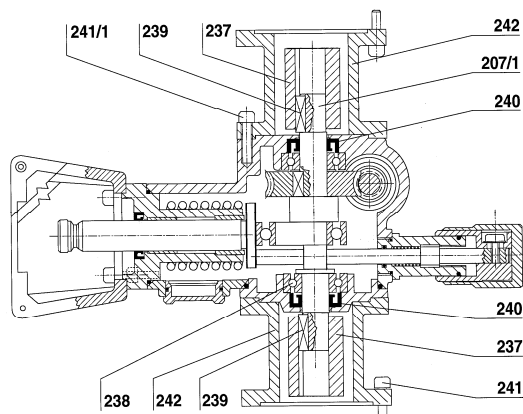
Quadruplex pump



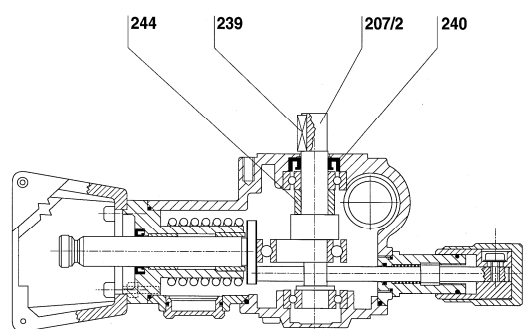
Dwg. 6



Dwg. 4

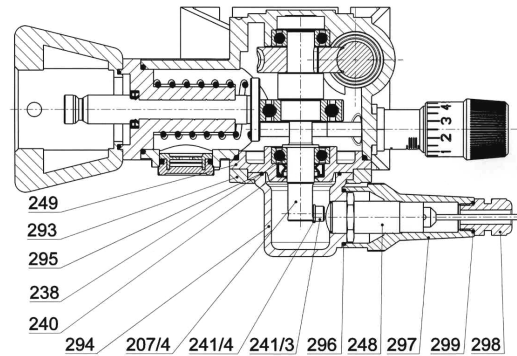


Dwg. 5



Dwg. 3

Inductive sensor



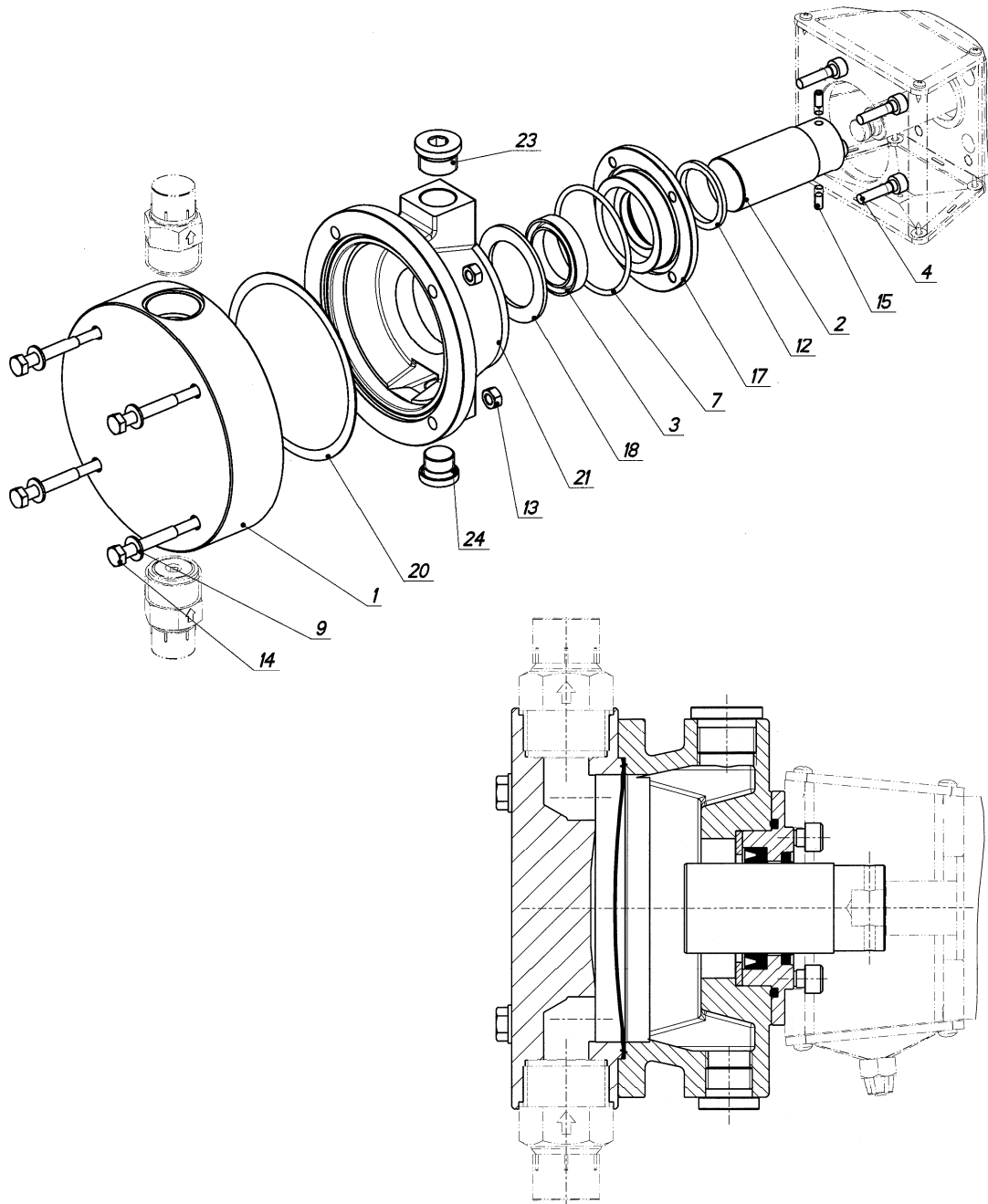
Dwg. 2

Dwg.	Composition
2	Gearbox with impulse giver
3	End right gearbox
4	Intermediate gearbox
5	Main gearbox
6	End left gearbox
7	Main gearbox right extension
8	Main gearbox left extension

Ref.	Description
201/1	Joining pump body
204/1	Cover for joining
207/1	Shaft with double extension
207/2	Shaft with left extension
207/3	Shaft with right extension
207/4	Shaft
237	Joint
238	Right side shaft ball bearing
238/1	Left side shaft ball bearing
239	Key
240	Seal ring
241	Screw
241/1	Screw
241/2	Screw
241/3	Screw
241/4	Flat washer
242	Lantern
242/1	Lantern
243	Nut
244	Bushing (only for 125N series)
248	Inductive sensor
249	Cover
250	Contact
293	Fixing flange
294	Inductive sensor bracket
295	OR gasket bracket
296	Cover OR gasket
297	Inductive sensor cover
298	Cable gland PG9
299	OR gasket cable gland

SR Series PUMP HEAD COMPOSITION MATERIAL - PLASTIC - STAINLESS STEEL

Model B 125N / B 175N / B 250N
Piston Ø 8 - 12 - 18 - 25 - 30 - 40 - 50 - 55 - 65 - 75 - 90



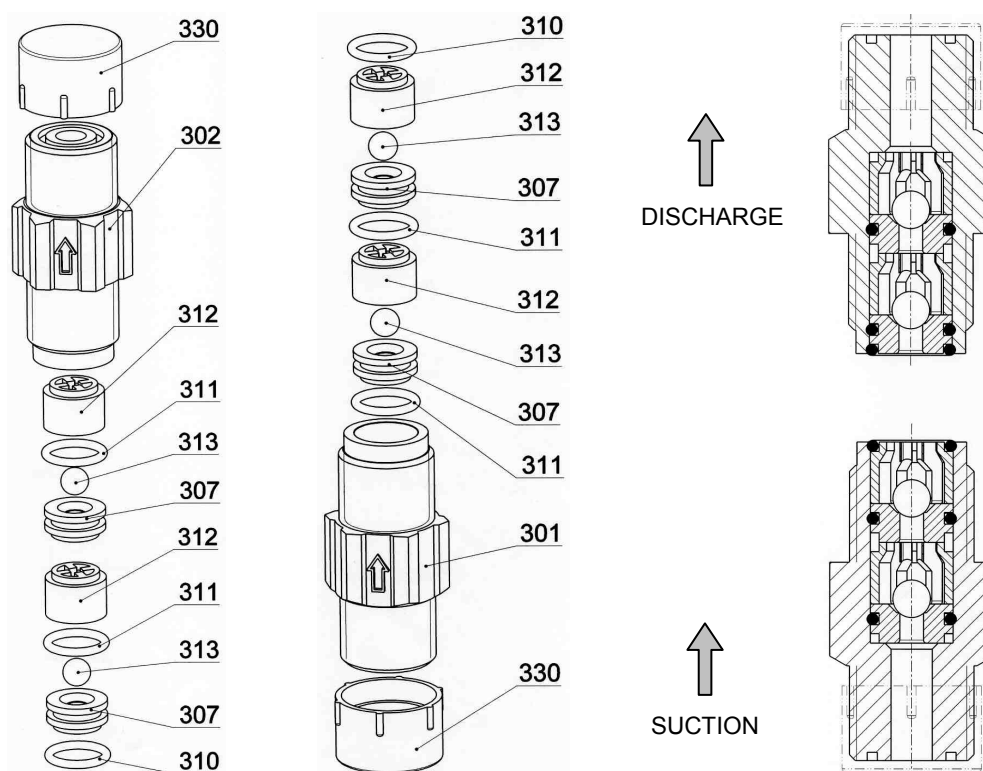
Pos.	Spare part	Q.	Description	Pos.	Spare part	Q.	Description
1	(1)	1	Pump head body	14	#	#	Screw
2	(2)	1	Piston	15		2	Grub screw
3	(3)	1	Piston gasket	17	(1)	1	Gasket support
4		4	Screw	18	(1)	#	Reduced ring
7		1	OR Gasket	20	(3)	1	Diaphragm
9		#	Flat washer	21		4	Oil reservoir
12	(1)	1	Scraper ring	23			Oil filler plug
13		#	Nut	24	(1)	1	Oil drain plug

Identification and frequency of parts subject to replacement, (1) = RARELY (2) = POSSIBLE (3) = CERTAIN

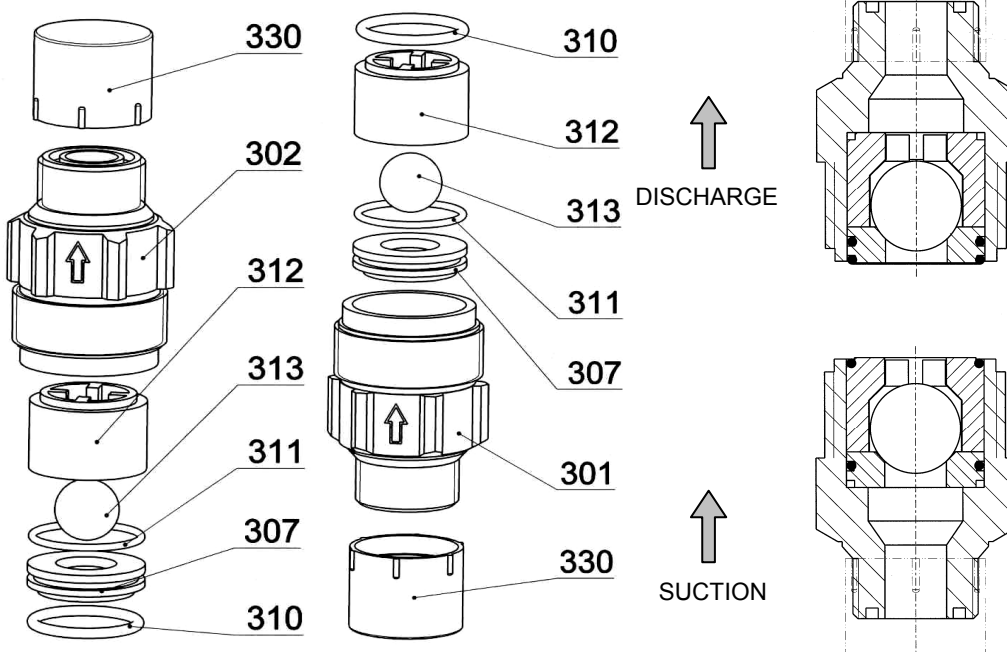
N.B.: # Depending on the model and size

VALVE COMPOSITION MATERIAL - PLASTIC

Valve AC 3 - 5 - 8



Valve AC 11 - 13 - 17 - 22

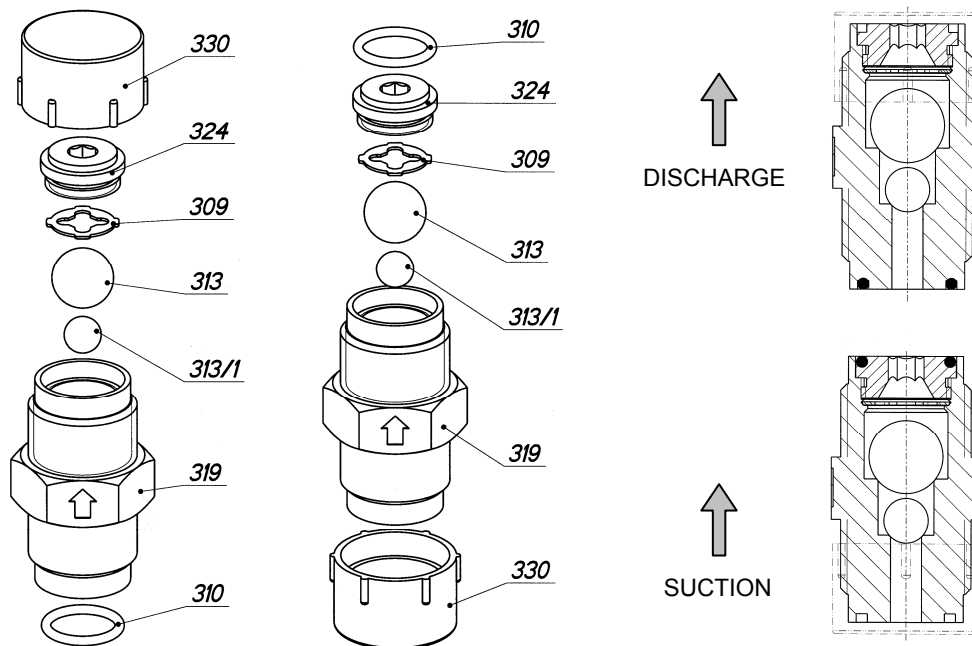


Pos.	Spare part	Q.	Description	Pos.	Spare part	Q.	Description
301	(3)	1	Suction enclosure	312	(3)	1	Valve guide
302	(3)	1	Discharge enclosure	313	(3)	1	Ball
307	(3)	1	Valve seat	313/1	(3)	1	Ball
310	(3)	1	OR Gasket	330	(3)	1	Protection cap
311	(3)	1	OR Gasket				

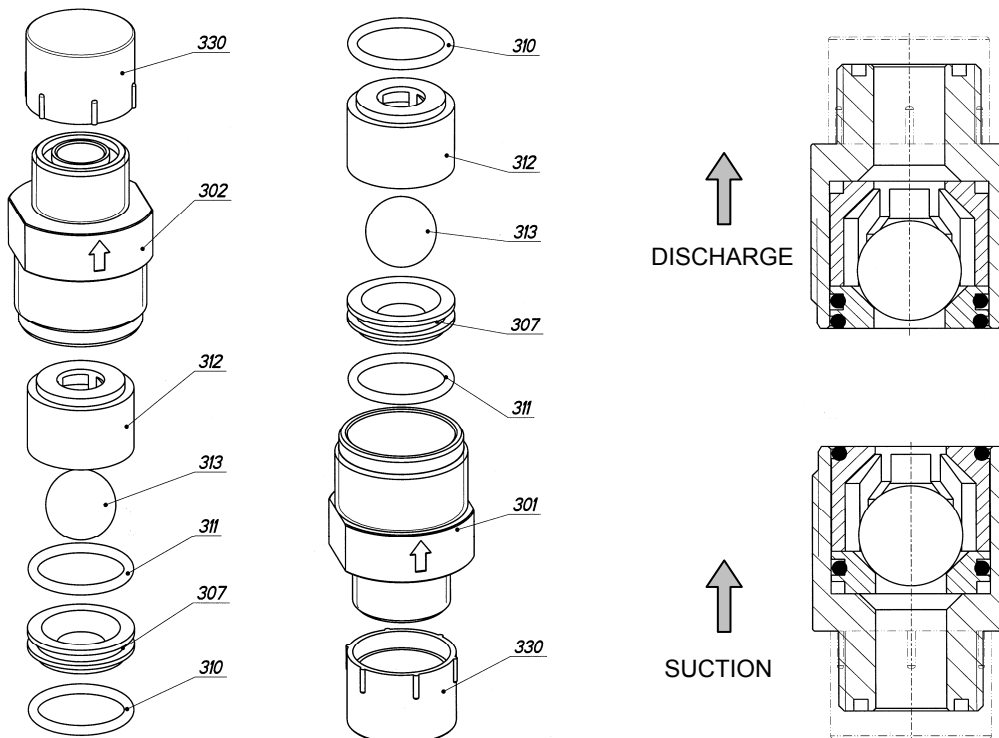
Identification and frequency of parts subject to replacement, (1) = RARELY (2) = POSSIBLE (3) = CERTAIN

VALVE COMPOSITION MATERIAL - STAINLESS STEEL

Valve AB 3 - 5



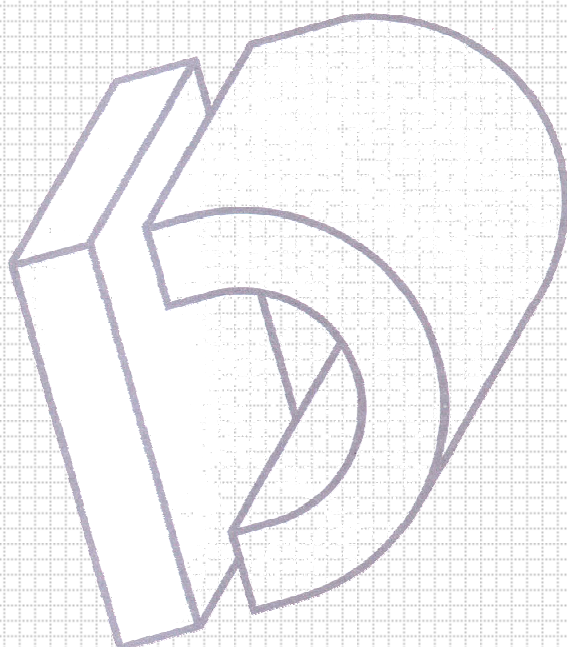
Valve AB 6 - 8 - 11 - 13 - 17 - 22



Pos.	Spare part	Q.	Description	Pos.	Spare part	Q.	Description
301	(3)	1	Suction enclosure	312	(3)	1	Valve guide
302	(3)	1	Discharge enclosure	313	(3)	1	Ball
307	(3)	1	Valve seat	313/1	(3)	1	Ball
309	(3)	1	Lift limiter	324	(3)	1	Gasket support
310	(3)	1	OR Gasket	330	(3)	1	Protection cap
311	(3)	1	OR Gasket				

Identification and frequency of parts subject to replacement, (1) = RARELY (2) = POSSIBLE (3) = CERTAIN

NOTES:



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