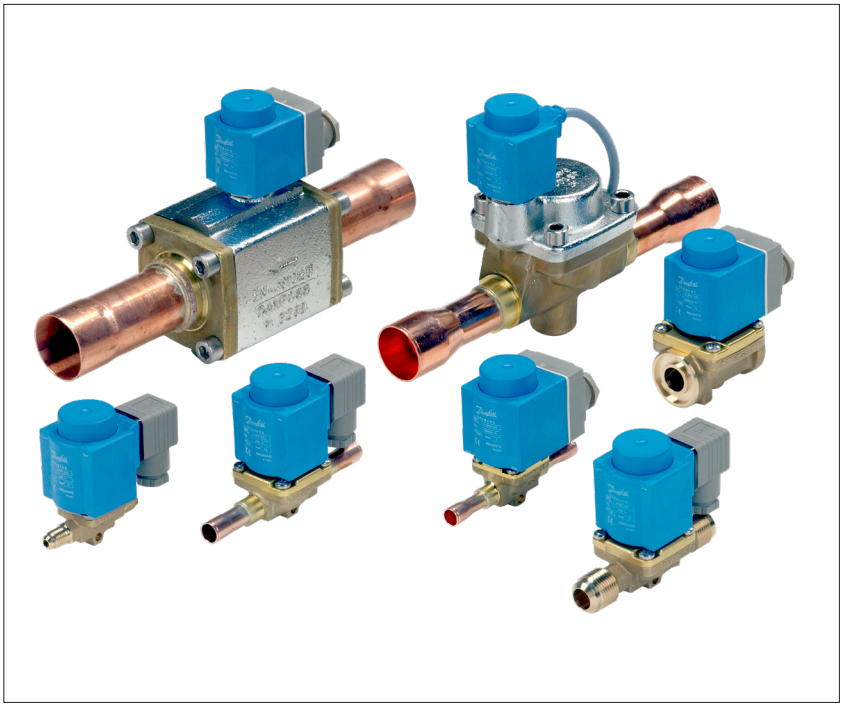
ENGINEERING
TOMORROW

Data sheet - Spare parts and accessories

Solenoid valve
Types EVR 2 - EVR 40 (Version 1 and Version 2)



EVR spare parts are categorized to 4 types of kits to renovate the valves with least expense and most accuracy.
This data sheet cover spare parts and accessories for both EVR Version 1 and EVR Version 2.

- **Seal kit**
  consists of all the sealing parts of the corresponding valves
- **Service kit**
  consists of all the replaceable function parts of the corresponding diaphragm valves
- **Piston service kit**
  consists of piston related function parts; only for piston valves
- **Pilot service kit**
  consists of pilot related function parts only for piston valves

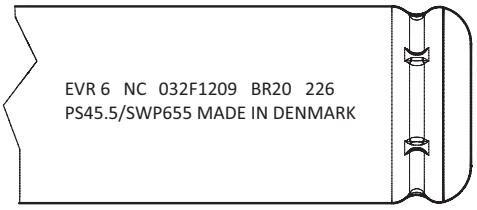
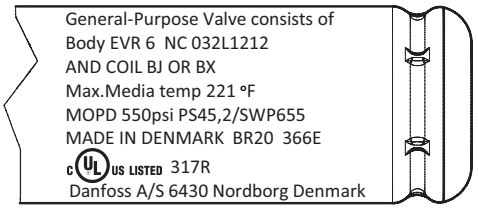
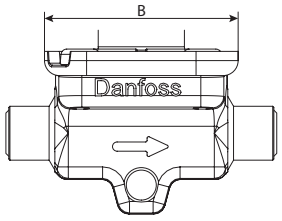
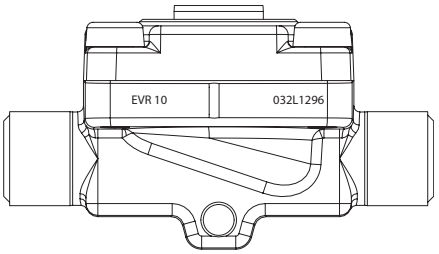
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How to identify the version of the EVR solenoid valve

	EVR version 1	EVR version 2
Product name	EVR, EVRE, EVRH, EVRC	EVR, EVRC
Code number	032F.., 032G.., 042H..	032L..
ID marking on armature		
ID marking on housing		

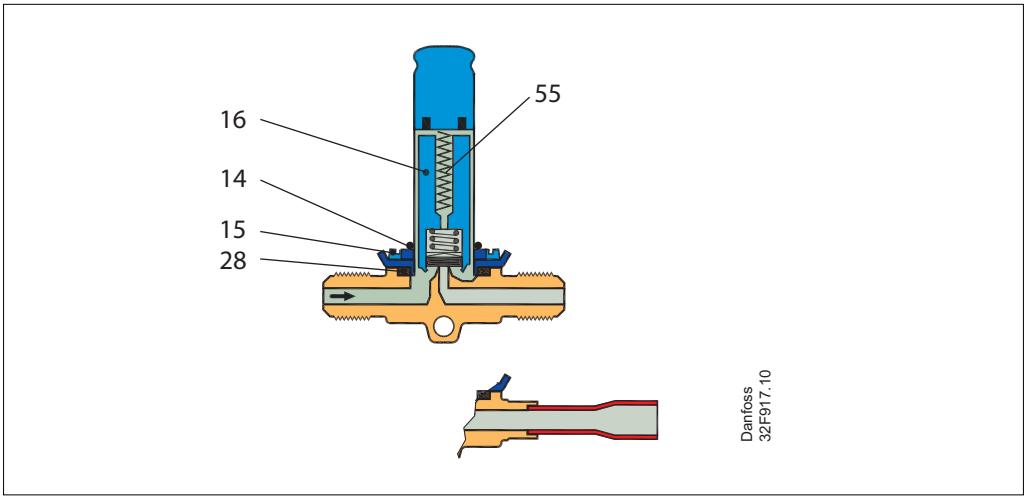
Type	B [mm]
EVR 2 - EVR 3	34
EVR 4 - EVR 6 - EVR 8	34
EVR 10	44
EVR 15 - EVR 18	53
EVR 20 - EVR 22	70
EVR 25	82
EVR 32 - EVR 40	104

Laser marking on valve body, sizes EVR 2 - EVR 22:
EVR + size + code number.

Spare part overview

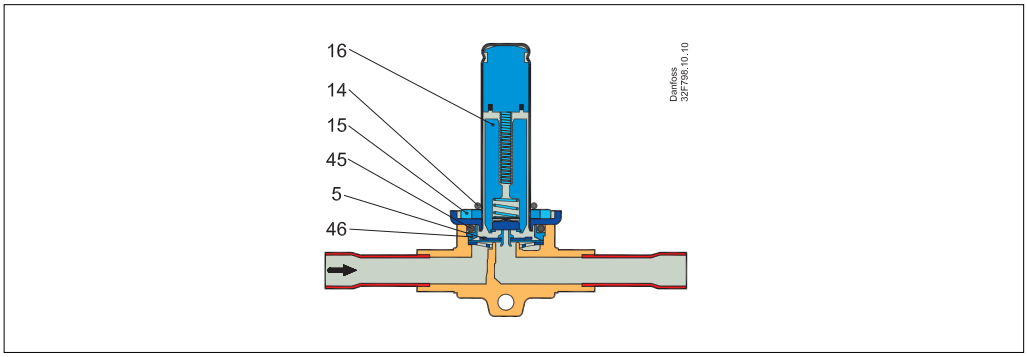
EVR size	EVR version 1	EVR version 2	Description
EVR 2 - EVR 3	032F..		EVR 2 - EVR 3 spare part kits remain unchanged
EVR 4 - EVR 22	032F.., 032G..	032L...	EVR 4 - EVR 22 use new specialized spare part kits
EVR 25 - EVR 40	032F.., 042H..		EVR 25 - EVR 40 spare part kits remain unchanged

EVR 2 - EVR 3 (NC)
Version 1



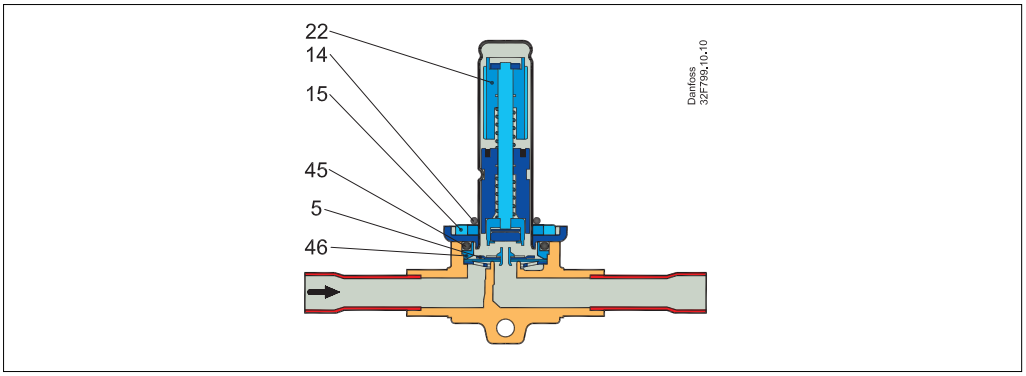
Type	Description	Pos. #	Qty.	Code no.
Service kit (AC)				
EVR 2 and 3 (NC)	O-ring	14	1	**032F0181**
	Screw	15	4	
	Armature assembly	16	1	
	Rubber gasket	28	1	
	Compress spring	55	1	

EVR 4 - EVR 6 - EVR 8 (NC)
Version 1



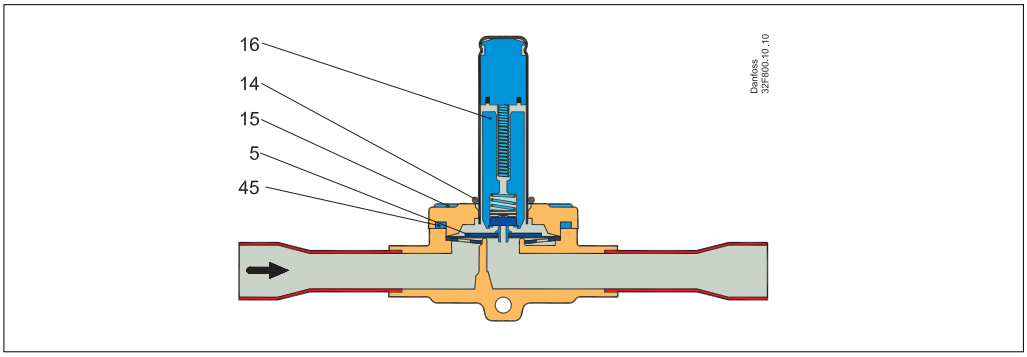
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 4, 6, and 8 (NC)	O-ring for armature tube	14	1	**032F8165**
	Rubber gasket	45	1	
	O-ring for steel cover	45	1	
	Support ring	46	1	
Service kit (AC)				
EVR 4, 6, and 8 (NC)	Diaphragm assembly	5	1	**032F8166**
	O-ring for armature tube	14	1	
	Screw T20	15	4	
	Screw T15	15	4	
	Armature assembly	16	1	
	Rubber gasket	45	1	
	O-ring for steel cover	45	1	
	Support ring	46	1	
	Compress spring	55	1	

EVR 6 - EVR 8 (NO)
Version 1



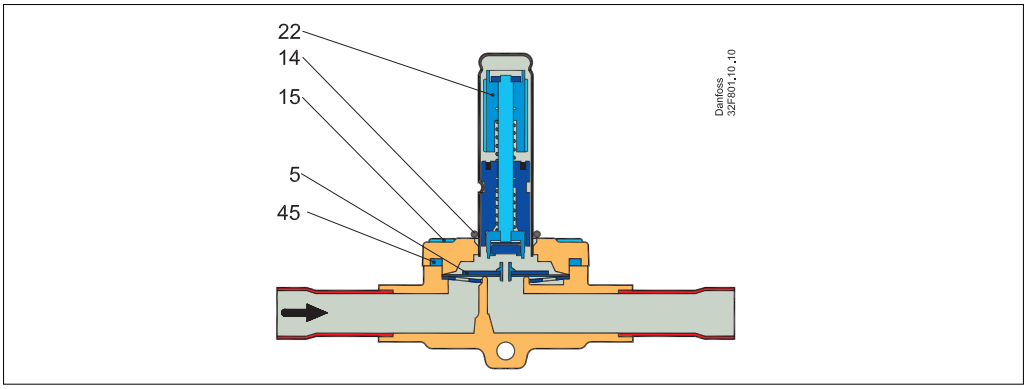
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 6 and 8 (NO)	O-ring for armature tube	14	1	**032F8165**
	Rubber gasket	45	1	
	O-ring for steel cover	45	1	
	Support ring	46	1	
Service kit - Steel cover design				
EVR 6 and 8 (NO)	Diaphragm assembly	5	1	**032F8167**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly (NO)	22	1	
	O-ring	45	1	
	Support ring	46	1	

EVR 10 (NC)
Version 1



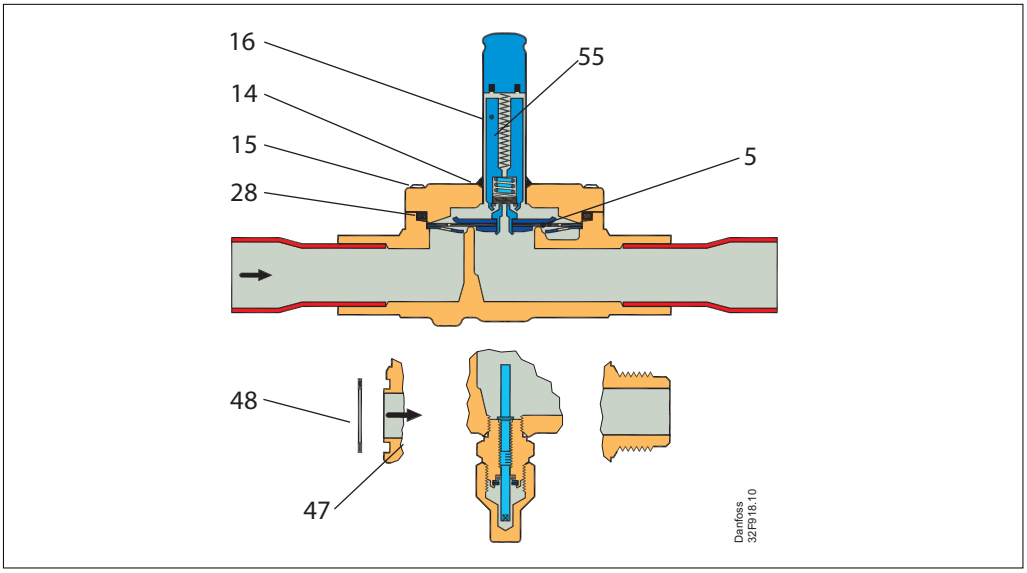
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 10 (NC)	O-ring, Armature tube	14	1	**032F8196**
	Rubber gasket	45	1	
Service kit (AC)				
EVR 10 (NC)	Diaphragm assembly	5	1	**032F0185**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly	16	1	
	Rubber gasket	45	1	
	Compress spring	55	1	

EVR 10 (NO)
Version 1



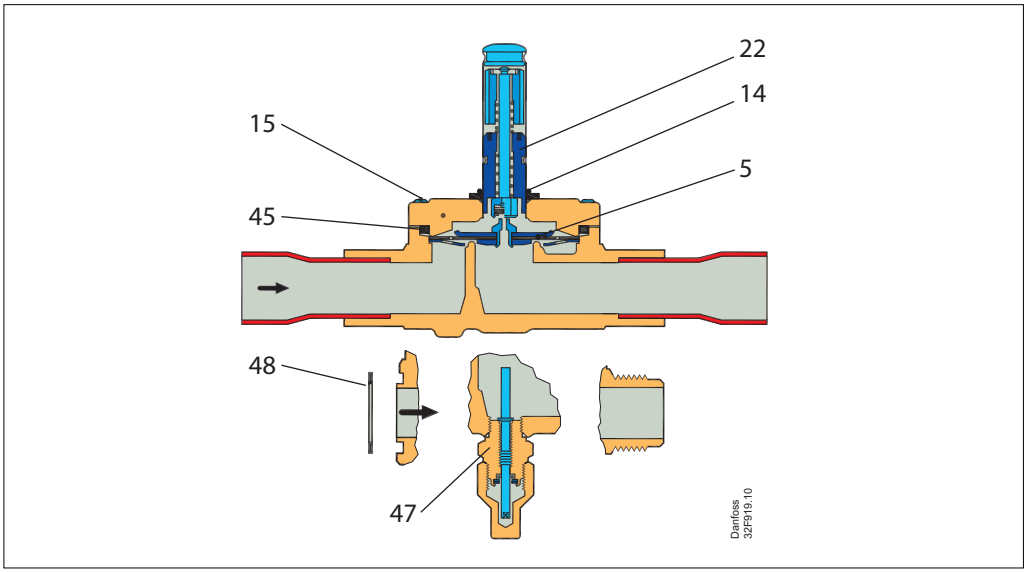
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 10 (NO)	O-ring, Armature tube	14	1	**032F8196**
	Rubber gasket	45	1	
Service kit (AC)				
EVR 10 (NO)	Diaphragm assembly	5	1	**032F0186**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly (NO)	22	1	
	Rubber gasket	45	1	

EVR 15 - EVR 18 (NC)
Version 1



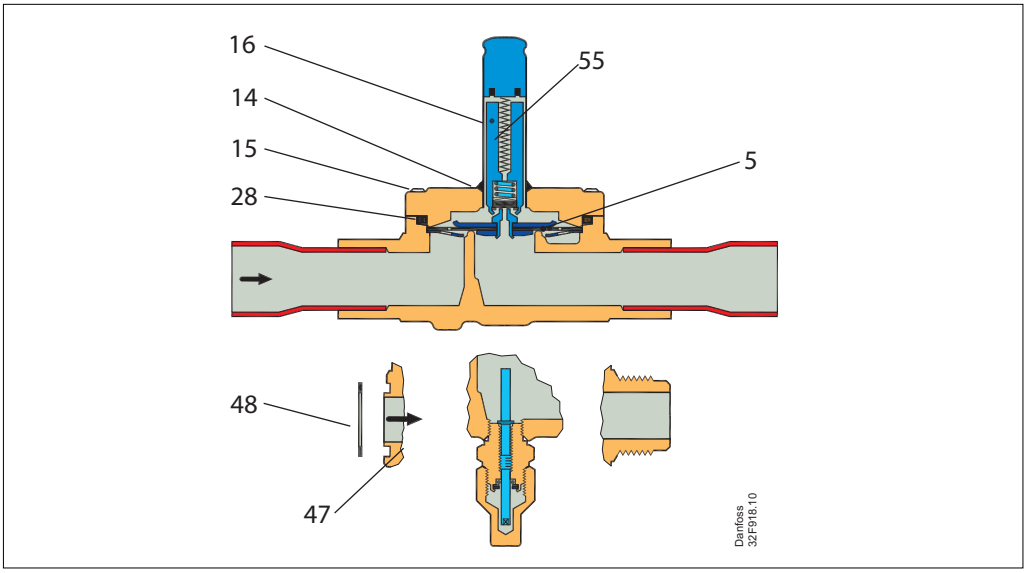
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 15 and 20 (NC)	O-ring for armature tube	14	1	**032F8196**
	Rubber gasket (EVR 15)	28	1	
	Rubber gasket (EVR 20)	28	1	
	Packing (refrigeration gasket) (EVR 20)	48	2	
	Refrigration gasket (EVR 15)	48	2	
Service kit				
EVR 15 and 18 (NC)	Diaphragm assembly	5	1	**032F0187**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly	16	1	
	Rubber gasket	28	1	
	Refrigeration gasket	48	2	
	Compress spring	55	1	

EVR 15 - EVR 18 (NO)
Version 1



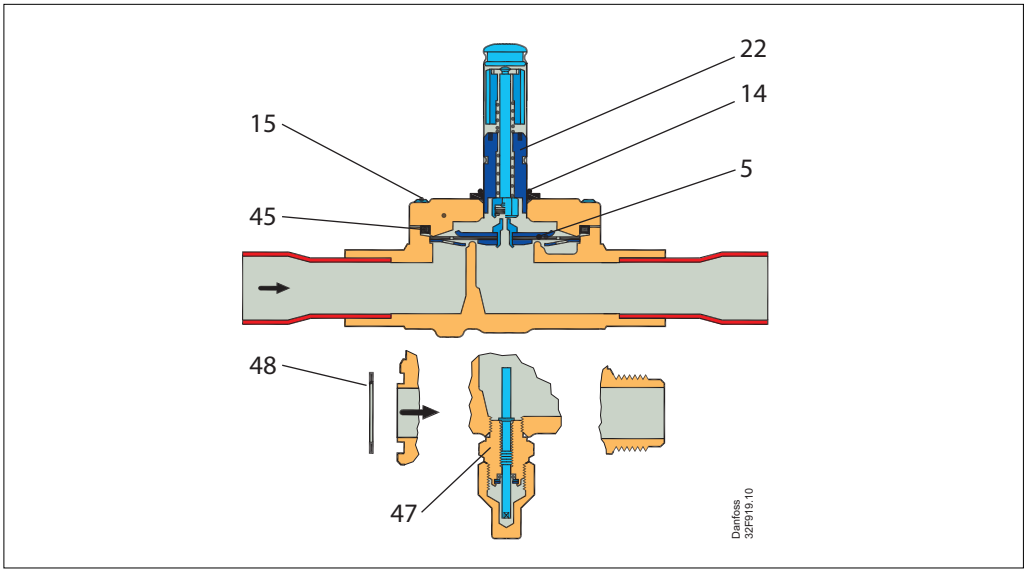
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 15 and 20 (NO)	O-ring for armature tube	14	1	**032F8196**
	Rubber gasket (EVR 15)	45	1	
	Rubber gasket (EVR 20)	45	1	
	Packing (refrigeration gasket) (EVR 20)	48	2	
	Refrigration gasket (EVR 15)	48	2	
Service kit				
EVR 15 and 18 (NO)	Diaphragm assembly	5	1	**032F0188**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly (NO)	22	1	
	Rubber gasket	45	1	
	Refrigeration gasket	48	1	

EVR 20 - EVR 22 (NC)
Version 1



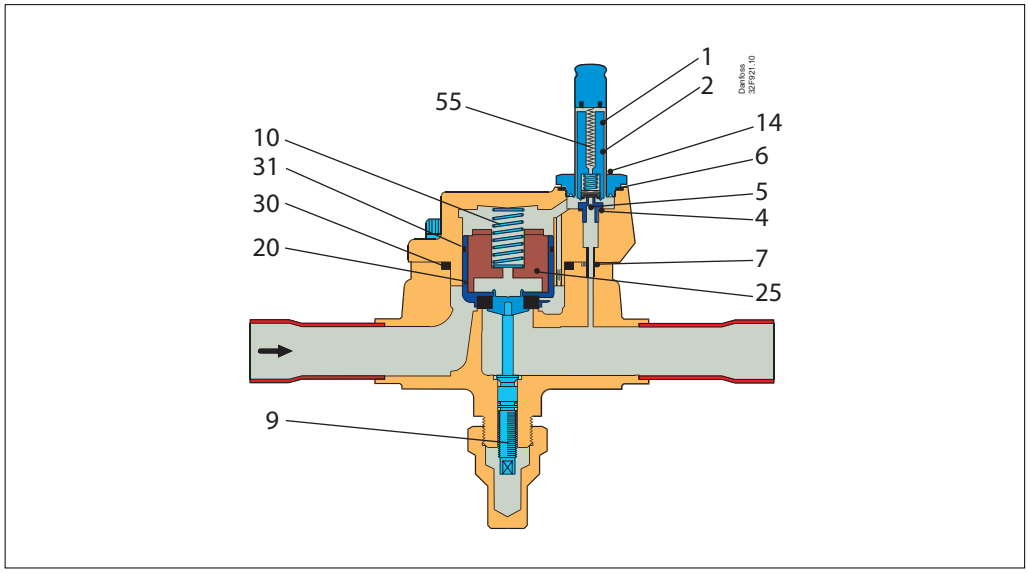
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 20 and 22 (NC)	O-ring for armature tube	14	1	**032F8196**
	Rubber gasket (EVR 20 - EVR 22)	28	1	
	Packing (refrigeration gasket) (EVR 20)	48	2	
Service kit (AC)				
EVR 20 and 22 (NC)	Diaphragm assembly	5	1	**032F0189**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly	16	1	
	Rubber gasket	28	1	
	Refrigeration gasket	48	1	
	Compress spring	55	1	
Service kit (DC)				
EVR 20 and 22 (NC)	Diaphragm assembly	5	1	**032F0191**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly	16	1	
	Rubber gasket	28	1	
	Refrigeration gasket	48	1	
	Compress spring	55	1	
Manual spindle				
EVR 20 and 22 (NC)	Spindle assembly	47	1	**032F0193**

EVR 20 - EVR 22 (NO)
Version 1



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 20 and 22 (NO)	O-ring for armature tube	14	1	**032F8196**
	Rubber gasket (EVR 20)	45	1	
	Packing (refrigeration gasket) (EVR 20)	48	2	
Service kit				
EVR 20 and 22 (NO)	Diaphragm assembly	5	1	**032F0182**
	O-ring	14	1	
	Screw	15	4	
	Armature unit assembly (NO)	22	1	
	Rubber gasket	45	1	
	Refrigeration gasket	48	2	
Manual spindle				
EVR 20 and 22 (NO)	Spindle assembly	47	1	**032F0193**

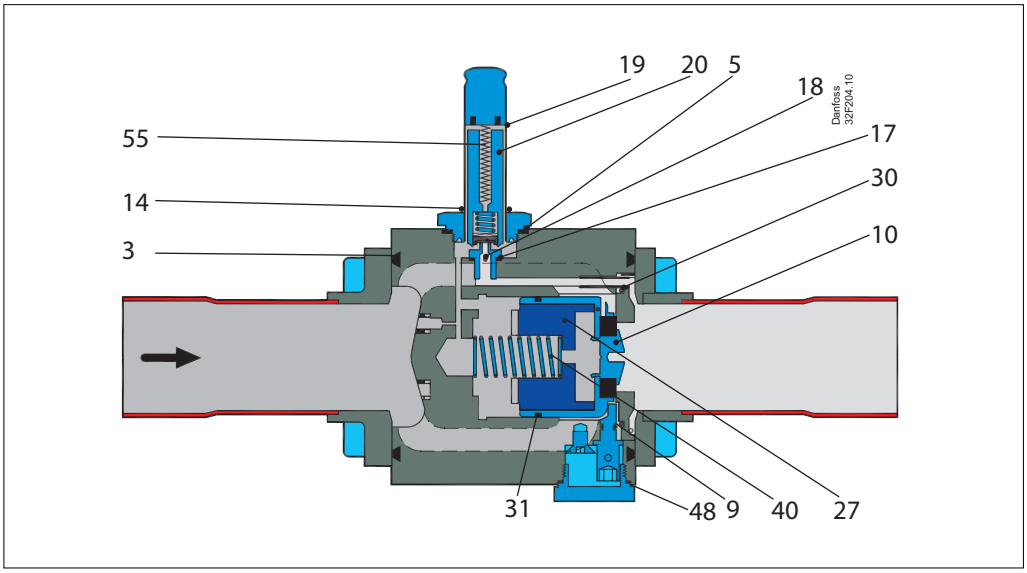
EVR 25 (NC)
Version 1



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 25 (NC)	Al. gasket	4	1	**032F2326**
	Al. gasket	6	1	
	O-ring	7	1	
	O-ring	9	1	
	O-ring	14	1	
	Rubber gasket	30	1	
Piston service kit				
EVR 25 (NC)	O-ring	7	1	**032F3236**
	Compression spring	10	1	
	O-ring	14	1	
	Piston assembly	20	1	
	Insert block	25	1	
	Rubber gasket	30	1	
	Piston ring	31	1	
Pilot service kit				
EVR 25 (NC)	Armature assembly	1	1	**042H0165**
	Armature tube	2	1	
	Al. gasket	4	1	
	Nozzle	5	1	
	Al. gasket	6	1	
	O-ring	14	1	
	Compression spring	55	1	

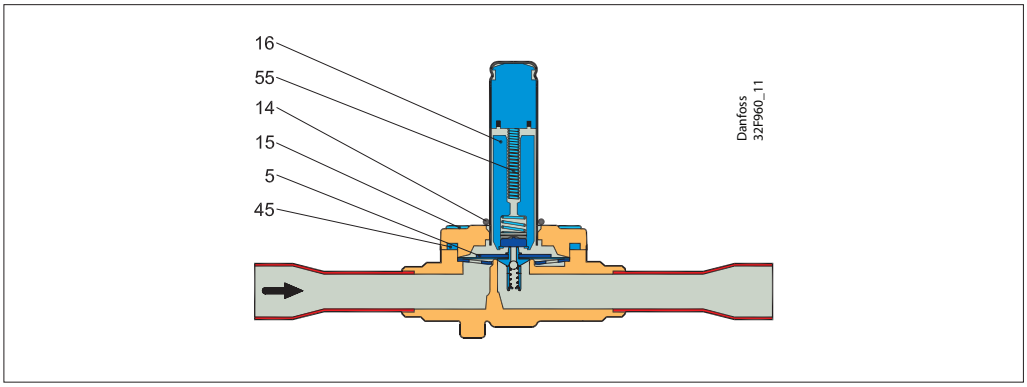
Note!
All code nos. are valid for EVR 25 with stainless steel piston as well as for EVR 25 with cast iron piston.

EVR 32 - EVR 40 (NC)
Version 1



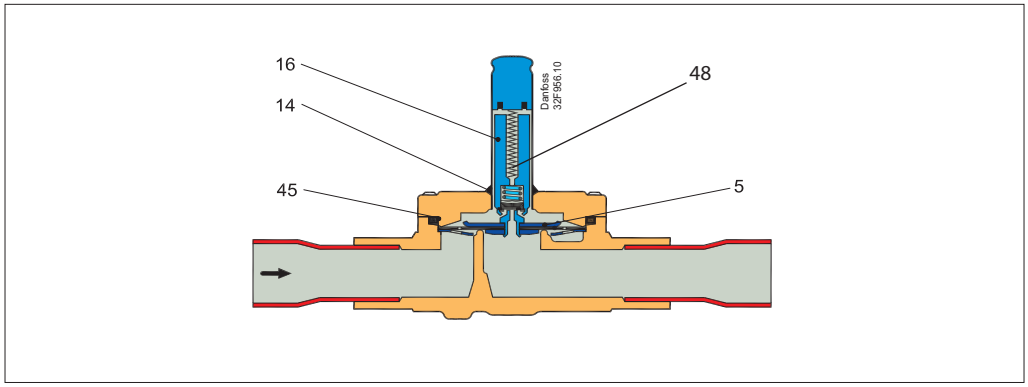
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 32 - EVR 40 (NC)	O-ring	3	2	**032F2327**
	Al. gasket	5	1	
	O-ring	9	1	
	O-ring	14	1	
	Al. gasket	17	1	
Piston service kit				
EVR 32 - EVR 40 (NC)	O-ring	3	2	**042H0172**
	Al. gasket	5	1	
	O-ring	9	1	
	Piston assembly	10	1	
	O-ring	14	1	
	Insert block	27	1	
	O-ring	30	1	
	Piston ring	31	1	
	Compression spring	40	1	
	Refrigeration gasket	48	1	
Pilot service kit				
EVR 32 - EVR 40 (NC)	Al. gasket	5	1	**042H0165**
	O-ring	14	1	
	Al. gasket	17	1	
	Orifice	18	1	
	Armature tube	19	1	
	Armature assembly	20	1	
	Compression spring	55	1	

EVRC 20 (NC)
Version 1



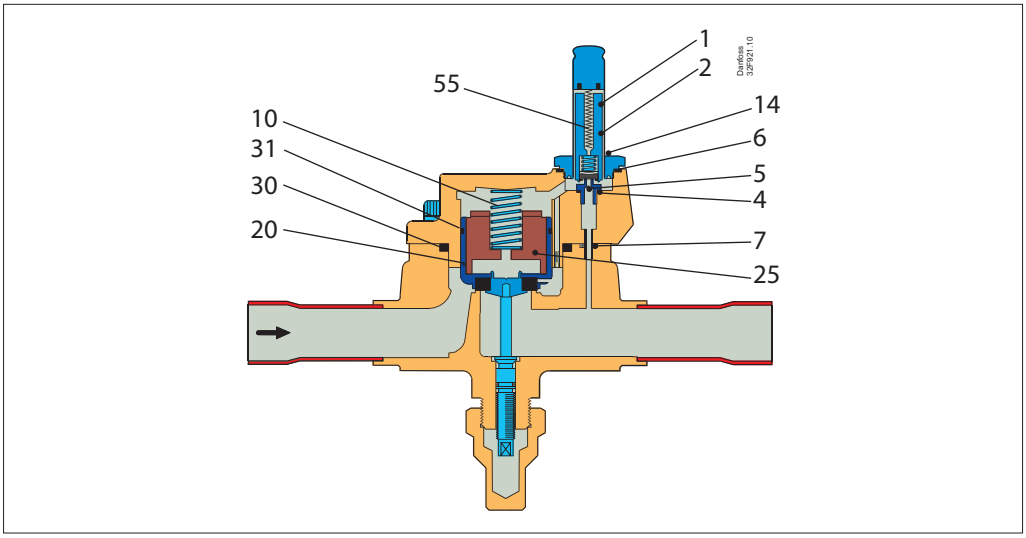
Type	Description	Pos. #	Qty.	Code no.
Service kit				
EVRC 20 (NC)	Diaphragm assembly	5	1	**032F0296**
	O-ring	14	1	
	Screw	15	4	
	Armature assembly	16	1	
	Rubber gasket	45	1	
	Compression spring	55	1	

EVRH 10 - EVR 20 (NC)
Version 1



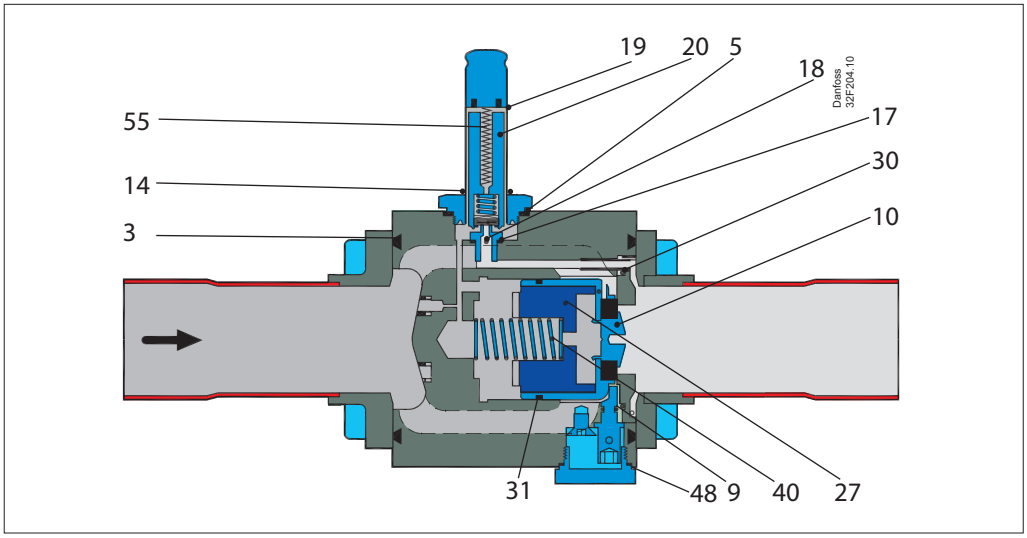
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVRH 10 – 20 (NC)	Packing (refrigeration gasket) (EVRH 20)	-	2	**032F8196**
	Refrigeration gasket (EVRH 15)	-	2	
	O-ring, Armature tube	14	1	
	Rubber gasket (EVRH 10)	45	1	
	Rubber gasket (EVRH 15-18)	45	1	
	Rubber gasket (EVRH 20)	45	1	
Service kit				
EVRH 10 – 20 (NC)	Diaphragm assembly (EVRH 6)	5	1	**032G1090**
	Diaphragm assembly (EVRH 10)	5	1	
	Diaphragm assembly (EVRH 15)	5	1	
	Diaphragm assembly (EVRH 20)	5	1	
	O-ring	14	1	
	Armature assembly (Teflon)	46	1	
	Rubber gaskets (EVRH 6)	45	1	
	Rubber gaskets (EVRH 10)	45	1	
	Rubber gaskets (EVHR 15)	45	1	
	Rubber gaskets (EVRH 20)	45	1	

EVRH 25 (NC)
Version 1



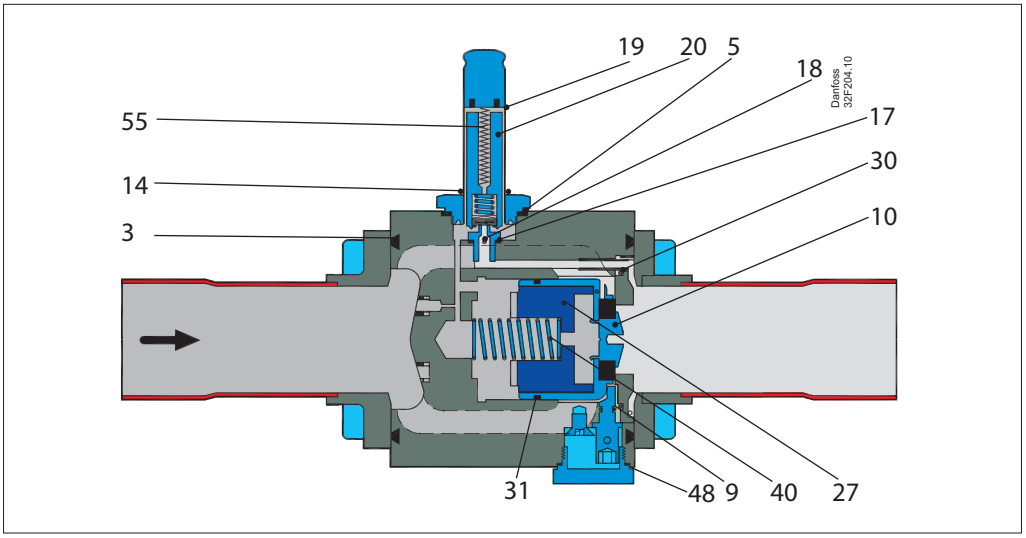
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVRH 25 (NC)	Al. gasket	4	1	**032F2326**
	Al. gasket	6	1	
	O-ring	7	1	
	O-ring	14	1	
	Rubber gasket	30	1	
Piston service kit				
EVRH 25 (NC)	O-ring	7	1	**032F3236**
	Compression spring	10	1	
	O-ring	14	1	
	Piston assembly	20	1	
	Insert block	25	1	
	Rubber gasket	30	1	
	Piston ring	31	1	
Pilot service kit				
EVRH 25 (NC)	Armature assembly	1	1	**042H0165**
	Armature tube	2	1	
	Al. gasket	4	1	
	Nozzle	5	1	
	Al. gasket	6	1	
	O-ring	14	1	
	Compression spring	55	1	

EVRH 32 (NC)
with cast iron piston and piston ring
Version 1



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVRH 32 (NC)	O-ring	3	2	**032F2327**
	Al. gasket	5	1	
	O-ring	9	1	
	O-ring	14	1	
	Al. gasket	17	1	
Piston service kit				
EVRH 32 (NC)	O-ring	3	2	**042H0172**
	Al. gasket	5	1	
	O-ring	9	1	
	Piston assembly	10	1	
	O-ring	14	1	
	Insert block	27	1	
	O-ring	30	1	
	Piston ring	31	1	
	Compression spring	40	1	
	Refrigeration gasket	48	1	
Pilot service kit				
EVRH 32 (NC)	Al. gasket	5	1	**042H0165**
	O-ring	14	1	
	Al. gasket	17	1	
	Orifice	18	1	
	Armature tube	19	1	
	Armature assembly	20	1	
	Compression spring	55	1	

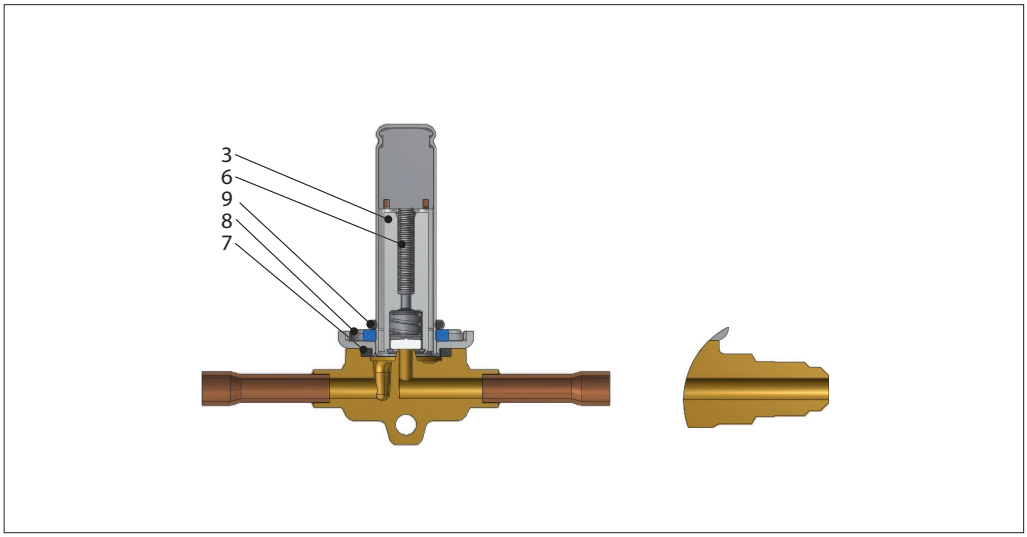
EVRH 40 (NC)
with cast iron piston and piston ring
Version 1



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVRH 40 (NC)	O-ring	3	2	**032F2327**
	Al. gasket	5	1	
	O-ring	9	1	
	O-ring	14	1	
	Al. gasket	17	1	
Piston service kit				
EVRH 40 (NC)	O-ring	3	2	**042H0173**
	Al. gasket	5	1	
	O-ring	9	1	
	Piston assembly	10	1	
	O-ring	14	1	
	Insert block	27	1	
	O-ring	30	1	
	Piston ring	31	1	
	Compression spring	40	1	
	Refrigeration gasket	48	1	
Pilot service kit				
EVRH 40 (NC)	Al. gasket	5	1	**042H0165**
	O-ring	14	1	
	Al. gasket	17	1	
	Orifice	18	1	
	Armature tube	19	1	
	Armature assembly	20	1	
	Compression spring	55	1	

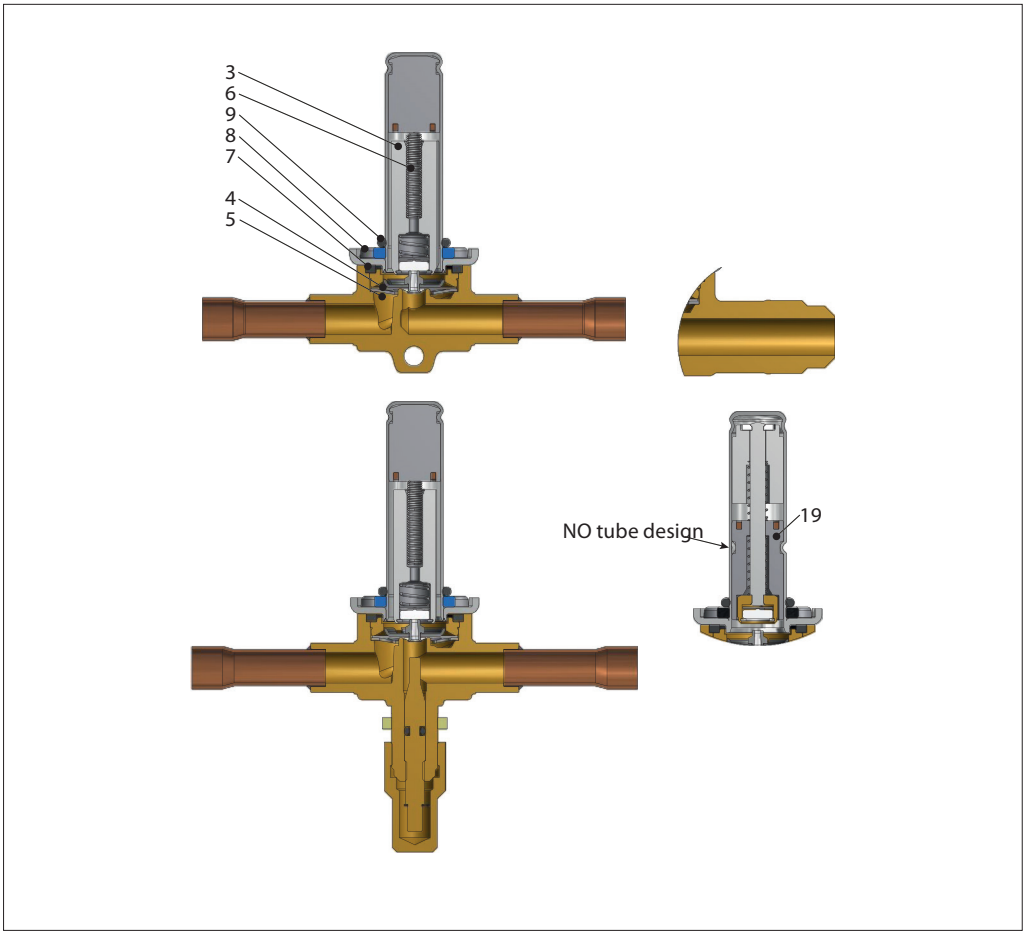
EVR 2 - EVR 3 (NC)
Version 2

The service kits are shared with Version 1



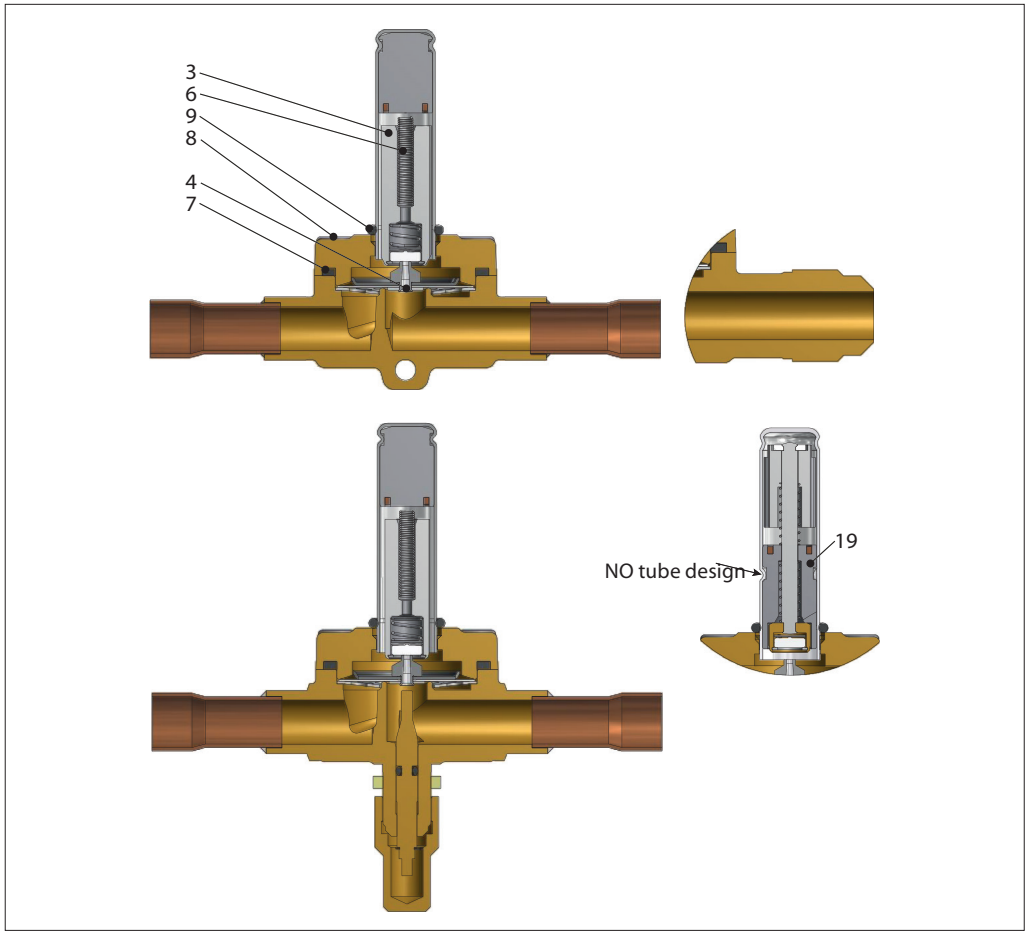
Type	Description	Pos. #	Qty.	Code no.
Service kit (AC)				
EVR 2 and 3 (NC)	O-ring	9	1	**032F0181**
	Screw	8	4	
	Armature assembly	3	1	
	Rubber gasket	7	1	
	Armature spring	6	1	

EVR 4 - EVR 6 - EVR 8
Version 2



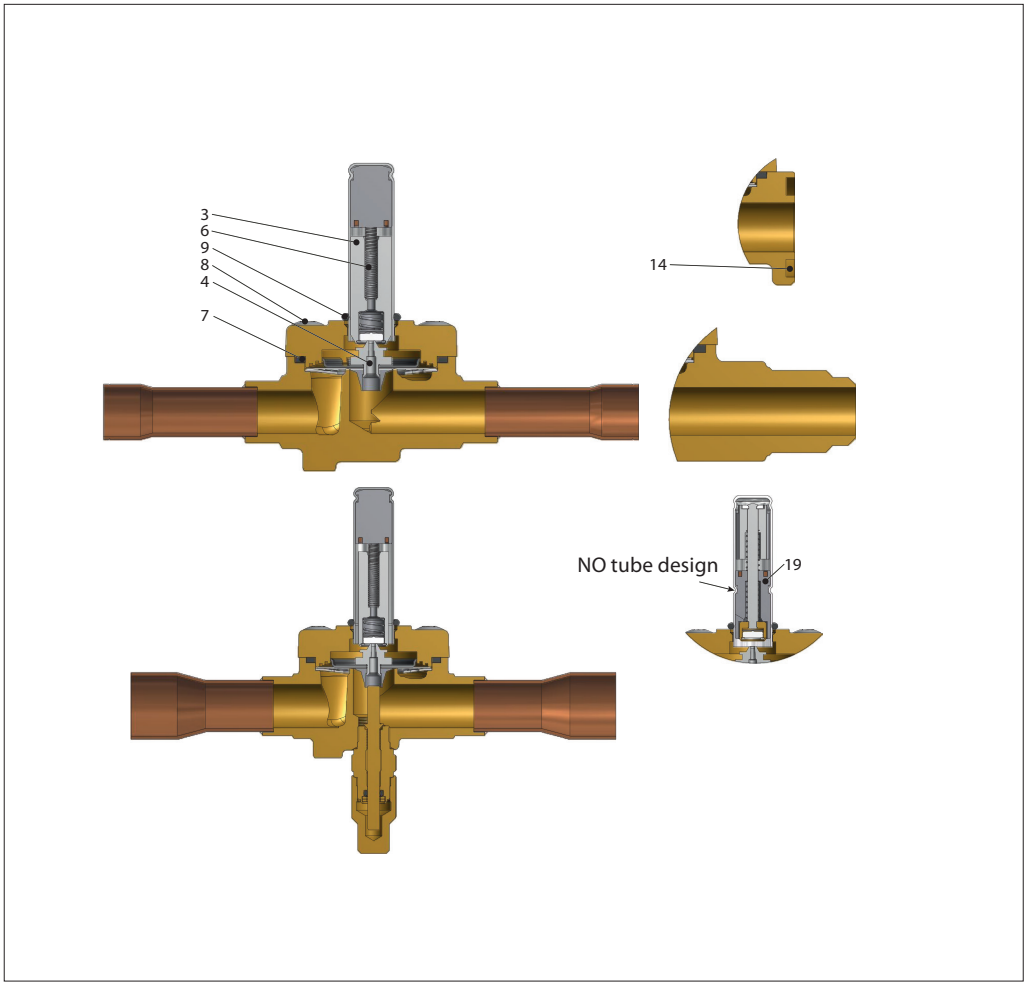
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 4, 6, and 8 (NC/NO)	O-ring for armature tube	9	1	**032L0548**
	Rubber gasket	7	1	
	Support ring	4	1	
Service kit				
EVR 4 (NC)	Diaphragm assembly	5	1	**032L0549**
	O-ring for armature tube	9	1	
	Screw T15	8	4	
	Armature assembly	3	1	
	Rubber gasket	7	1	
	Support ring	4	1	
	Compress spring	6	1	
Service kit				
EVR 6 and 8 (NC)	Diaphragm assembly	5	1	**032L0550**
	O-ring	9	1	
	Screw	8	4	
	Armature assembly	3	1	
	Rubber gasket	7	1	
	Support ring	4	1	
	Compression ring	6	1	
Service kit				
EVR 6 and 8 (NO)	O-ring for armature tube	9	1	**032L0551**
	Rubber gasket	7	1	
	Support ring	4	1	
	Steel cover and armature assembly	19	1	
	Diaphragm assembly	5	1	
	Screw	8	1	

EVR 10
Version 2



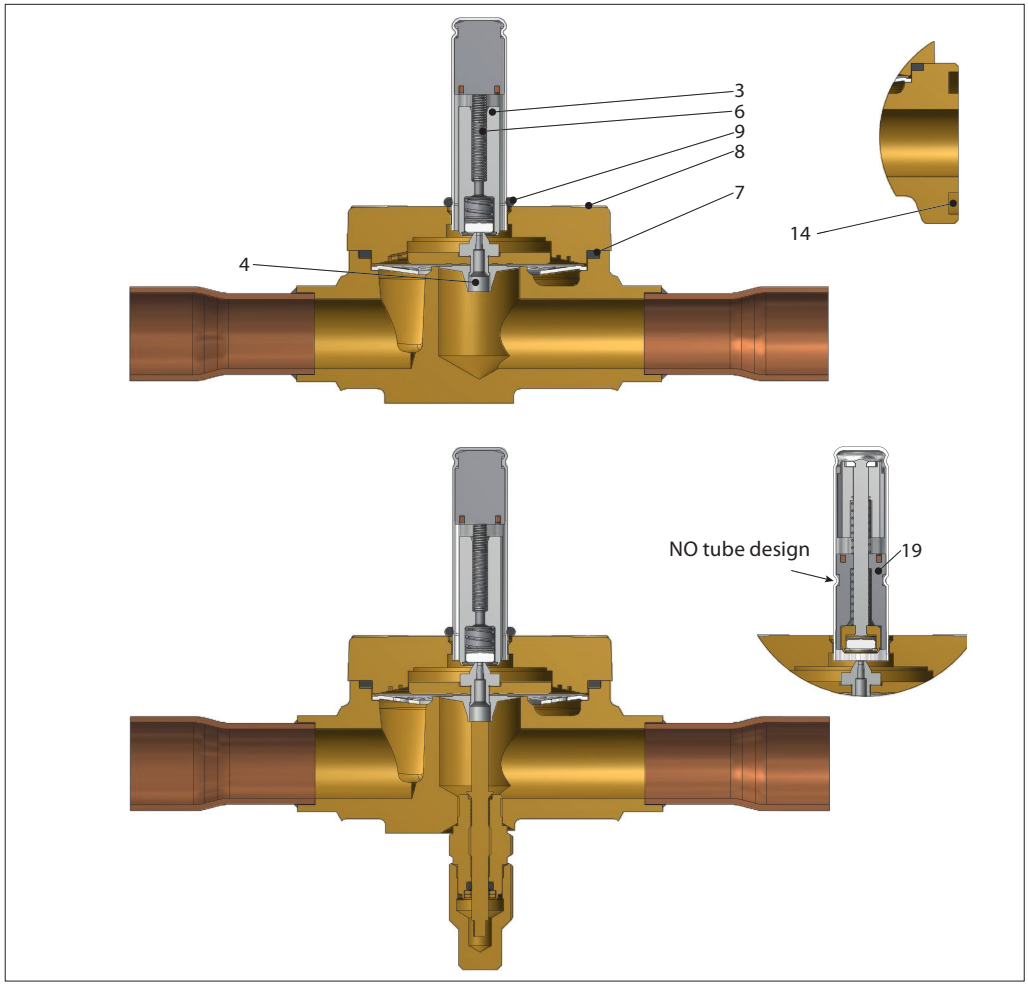
Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 10 (NO)	O-ring, Armature tube	9	1	**032F8196**
	Rubber gasket	7	1	
Service kit				
EVR 10 (NC)	Diaphragm assembly	4	1	**032L0552**
	O-ring	9	1	
	Screw	8	4	
	Armature assembly	3	1	
	Rubber gasket	7	1	
	Compress spring	6	1	
Service kit				
EVR 10 (NO)	Diaphragm assembly	4	1	**032L0553**
	O-ring	9	1	
	Screw	8	4	
	Cover assembly and armature assembly	19	1	
	Rubber gasket	7	1	

EVR 15 - EVR 18
Version 2



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 15 and 18 (NO)	O-ring, Armature tube	9	1	**032F8196**
	Rubber gasket	7	1	
Service kit				
EVR 15 and 18 (NC)	Diaphragm assembly	4	1	**032L0554**
	O-ring	9	1	
	Screw	8	4	
	Armature assembly	3	1	
	Rubber gasket	7	1	
	Refrigeration gasket (flange connection)	14	2	
	Compress spring	6	1	
Service kit				
EVR 15 and 18 (NO)	Diaphragm assembly	4	1	**032L0555**
	O-ring	9	1	
	Screw	8	4	
	Cover assembly and armature assembly	19	1	
	Rubber gasket	7	1	
	Refrigeration gasket (flange connection)	14	1	

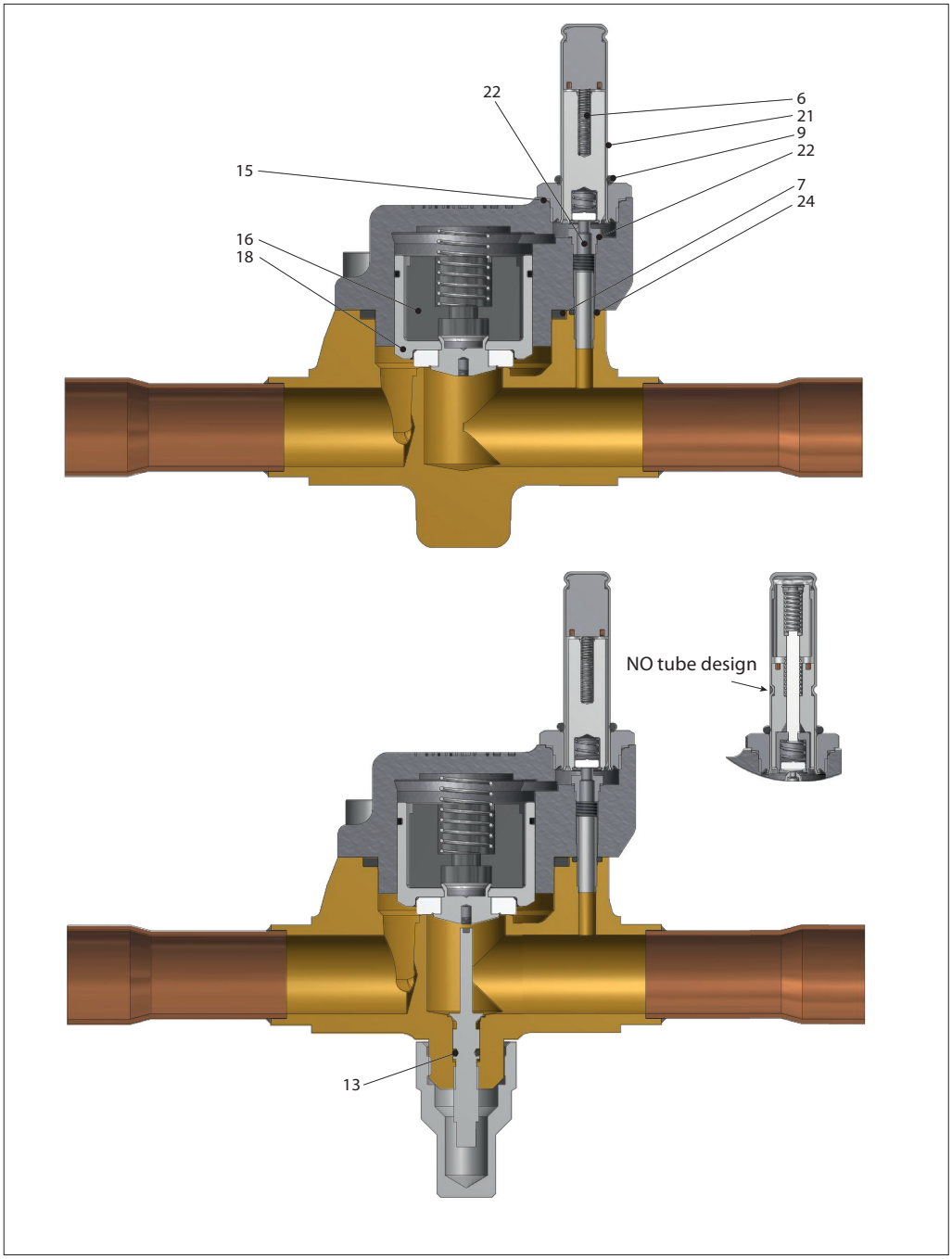
EVR 20 - EVR 22
Version 2



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 20 and 22 (NC/NO)	O-ring, Armature tube	9	1	**032F8196**
	Rubber gasket	7	1	
Service kit				
EVR 20 and 22 (NC)	Diaphragm assembly	4	1	**032L0556**
	O-ring	9	1	
	Screw	8	4	
	Armature assembly	3	1	
	Rubber gasket	7	1	
	Refrigeration gasket (flange connection)	14	1	
	Compress spring	6	1	
Service kit				
EVR 20 and 22 (NO)	Diaphragm assembly	4	1	**032L0557**
	O-ring	9	1	
	Screw	8	4	
	Cover assembly and armature assembly	19	1	
	Rubber gasket	7	1	
	Refrigeration gasket (flange connection)	14	2	

EVR 25
Version 2

The service kits are shared with Version 1



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 25 (NC)	Al. gasket	15	1	**032F2326**
	Al. gasket	23	1	
	O-ring	24	1	
	O-ring	9	1	
	O-ring	13	1	
	Rubber gasket	7	1	

Note!
All code nos. are valid for EVR 25 with stainless steel piston as well as for EVR 25 with cast iron piston.

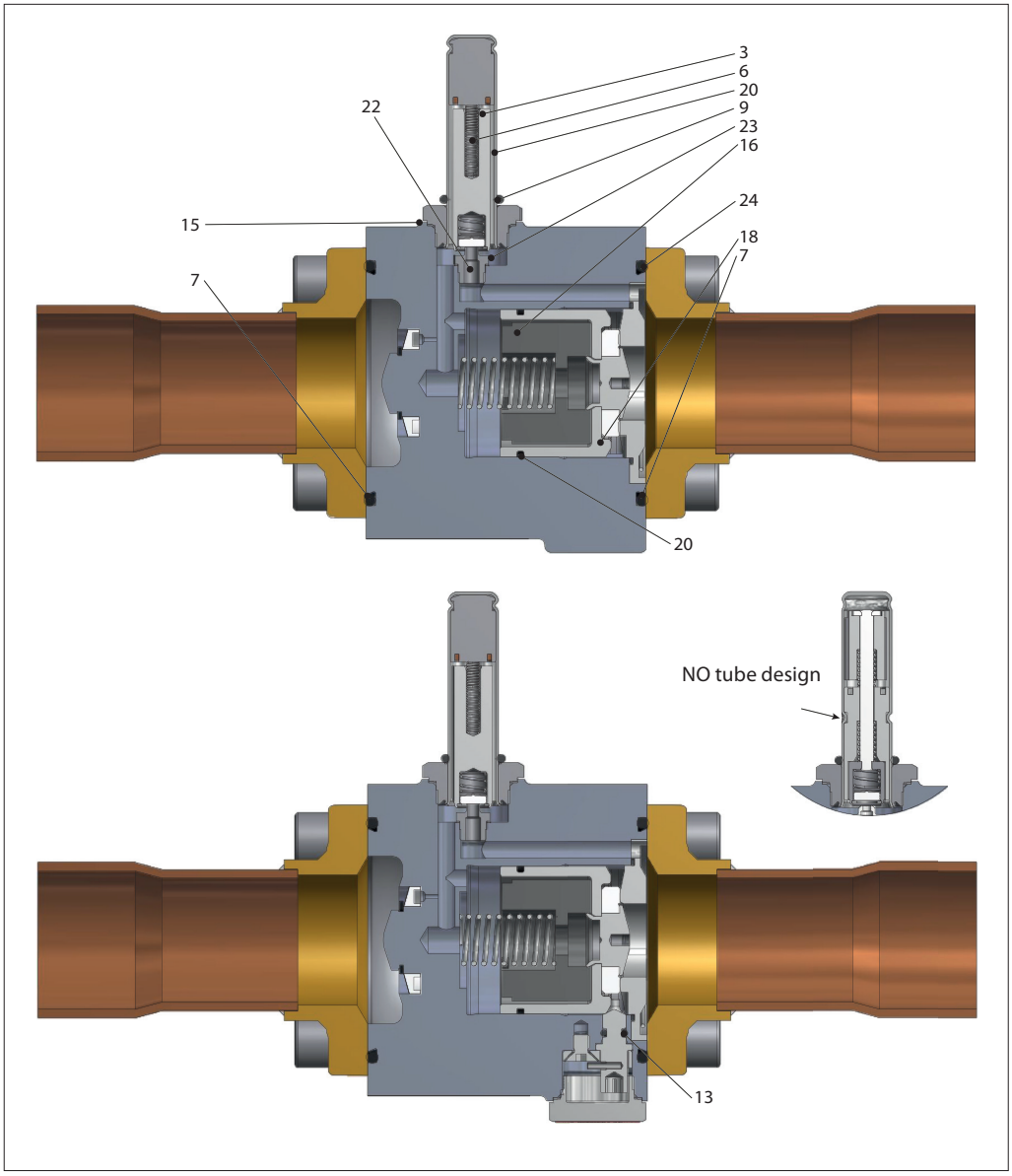
EVR 25
Version 2

The service kits are shared with Version 1
(contined)

Type	Description	Pos. #	Qty.	Code no.
Piston service kit				
EVR 25 (NC)	O-ring	9	1	**032F3236**
	Compression spring	6	1	
	O-ring	24	1	
	Piston assembly	18	1	
	Insert block	16	1	
	Rubber gasket	7	1	
	Piston ring	20	1	
Pilot service kit				
EVR 25 (NC)	Armature assembly	3	1	**042H0165**
	Armature tube	21	1	
	Al. gasket	23	1	
	Nozzle	22	1	
	Al. gasket	15	1	
	O-ring	14	1	
	Compression spring	6	1	

EVR 32
Version 2

The service kits are shared with Version 1



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 32 (NC)	O-ring	7	2	**032F2327**
	Al. gasket	15	1	
	O-ring	9	1	
	O-ring	24	1	
	Al. gasket	23	1	

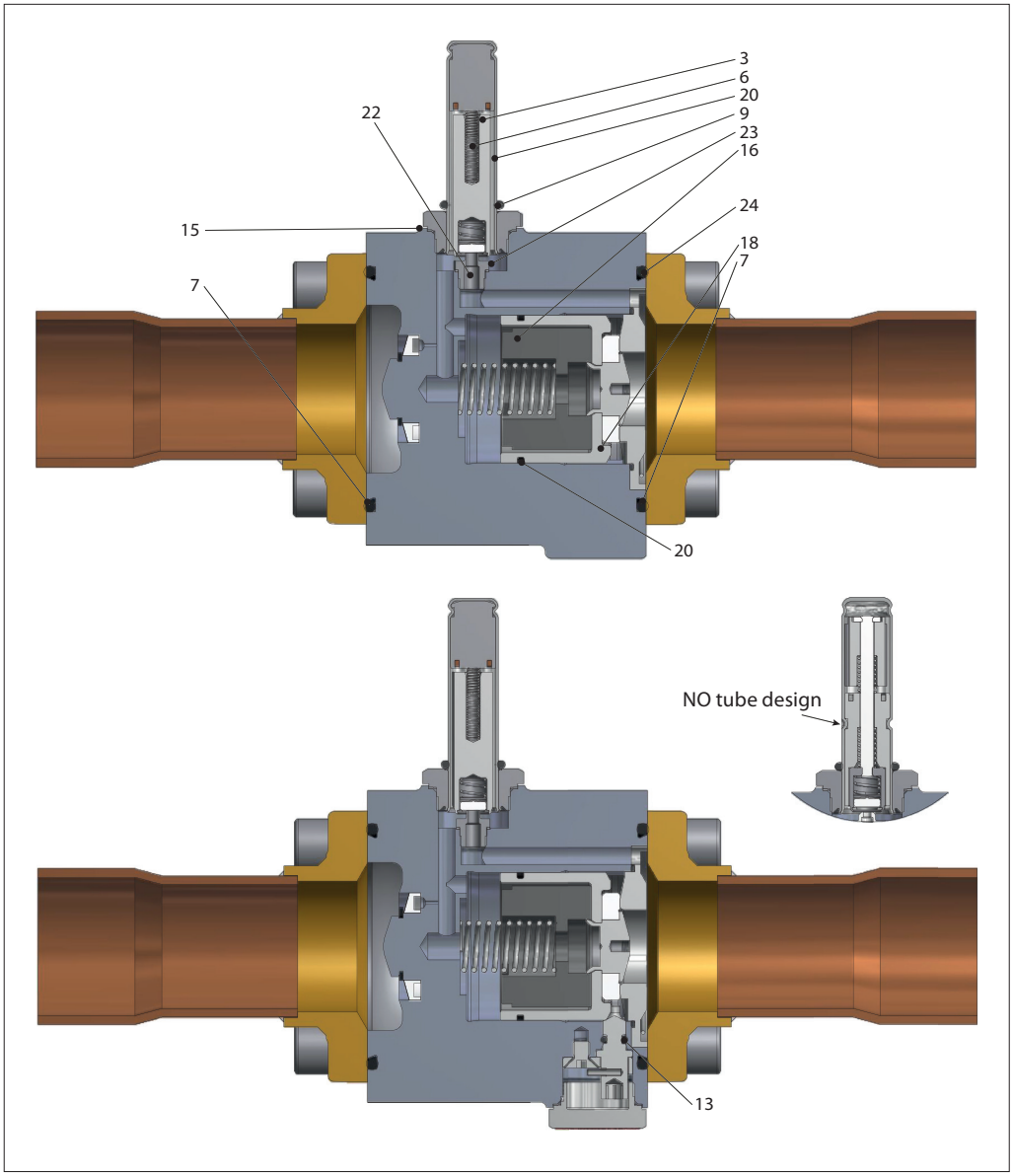
EVR 32
Version 2

The service kits are shared with Version 1
(contined)

Type	Description	Pos. #	Qty.	Code no.
Piston service kit				
EVR 32 (NC)	O-ring	7	2	**042H0172**
	Al. gasket	15	1	
	O-ring	13	1	
	Piston assembly	18	1	
	O-ring	9	1	
	Insert block	16	1	
	O-ring	24	1	
	Piston ring	20	1	
	Compression spring	6	1	
	Refrigeration gasket	25	1	
Pilot service kit				
EVR 32 (NC)	Al. gasket	15	1	**042H0165**
	O-ring	9	1	
	Al. gasket	23	1	
	Nozzle	22	1	
	Armature tube	21	1	
	Armature assembly	3	1	
	Compression spring	6	1	

EVR 40
Version 2

The service kits are shared with Version 1



Type	Description	Pos. #	Qty.	Code no.
Seal kit				
EVR 40 (NC)	O-ring	7	2	**032F2327**
	Al. gasket	15	1	
	O-ring	9	1	
	O-ring	24	1	
	Al. gasket	23	1	

EVR 40
Version 2

The service kits are shared with Version 1
(contined)

Type	Description	Pos. #	Qty.	Code no.
Piston service kit				
EVR 40 (NC)	O-ring	7	2	**042H0173**
	Al. gasket	15	1	
	O-ring	13	1	
	Piston assembly	18	1	
	O-ring	9	1	
	Insert block	16	1	
	O-ring	24	1	
	Piston ring	20	1	
	Compression spring	6	1	
	Refrigeration gasket	25	1	
Pilot service kit				
EVR 40 (NC)	Al. gasket	15	1	**042H0165**
	O-ring	9	1	
	Al. gasket	23	1	
	Orifice	22	1	
	Armature tube	21	1	
	Armature assembly	3	1	
	Compression spring	6	1	

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