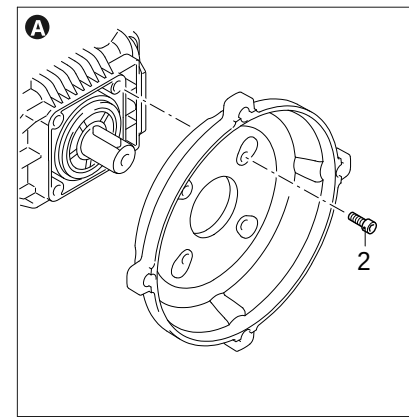
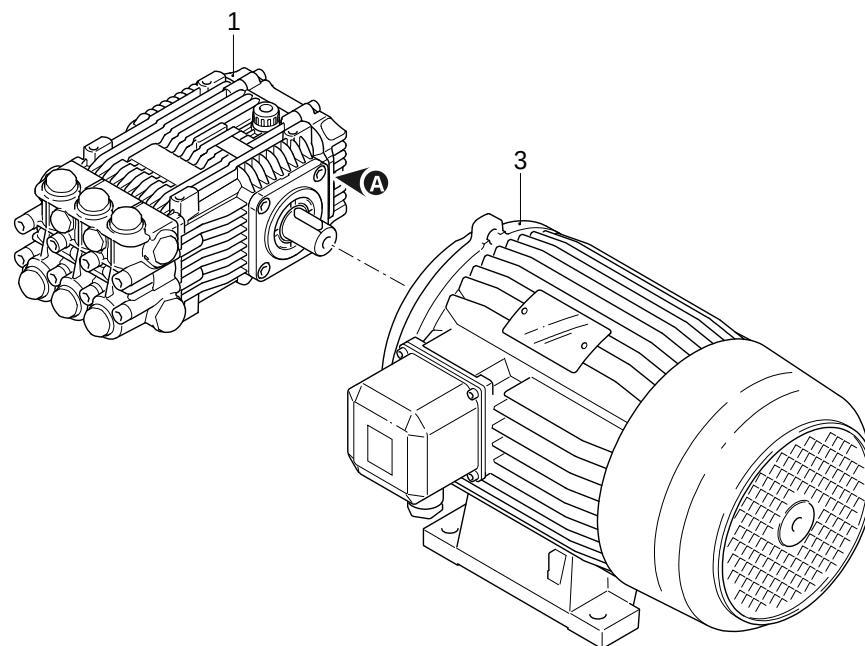




Series 228
HRK

1450rpm



AR_s228-108

05/06/2026



Series 228

HRK

1450rpm

P	Code	Description	Q	Assembly prescription	Validity
1	20645	Pump	1		
2	620610	Screw	4	C=24,5Nm / Loxeal 55-14	
3	4124	Motor	1	7,5 HP ET	

Revision: 1

Oil type: SAE 15W40

Validity: < XX/YY = From week/year

Date: 05/06/2026

Oil quantity: 0,435 Kg

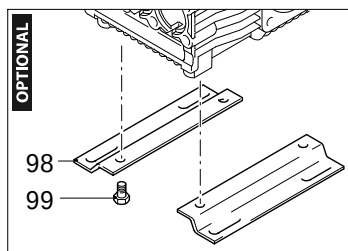
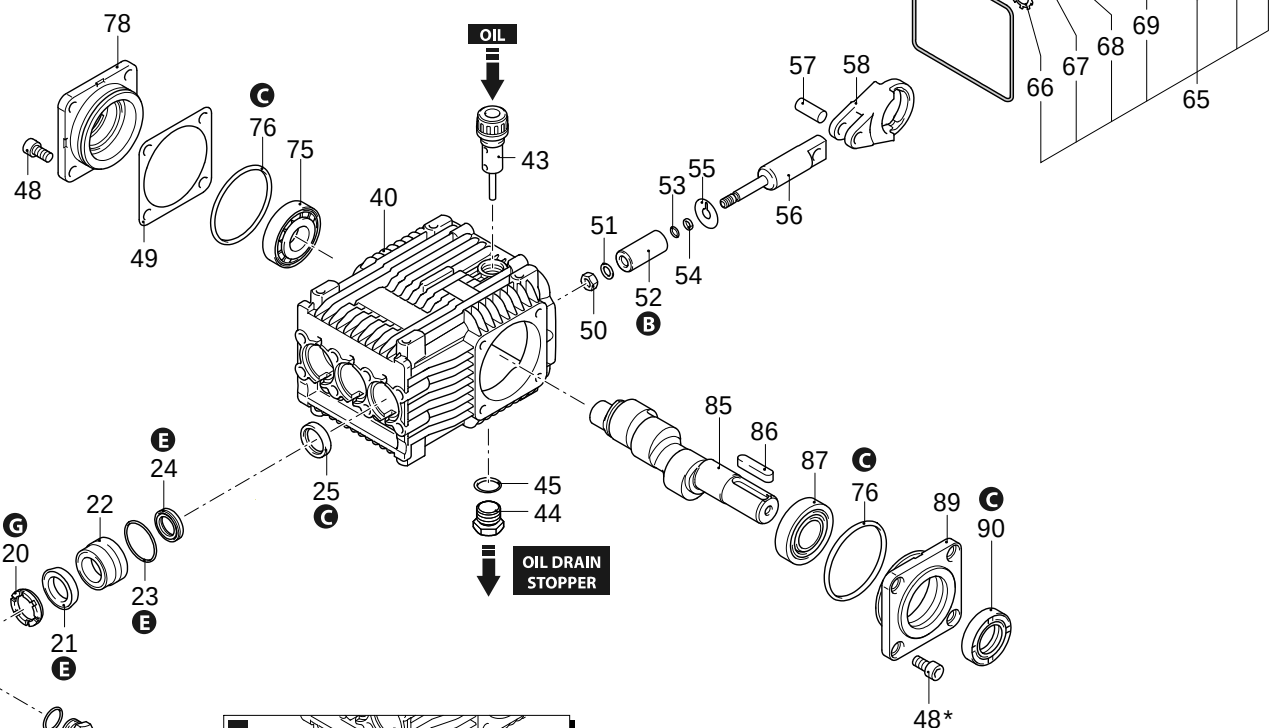
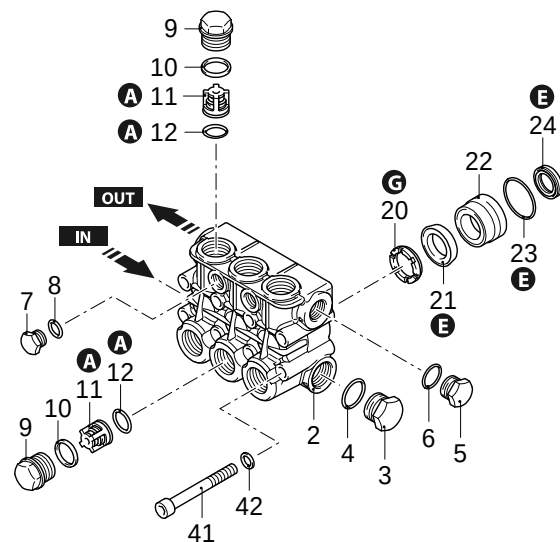
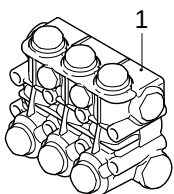
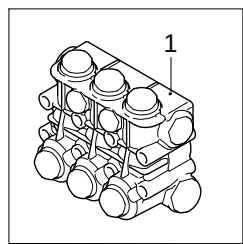
$C = \text{Tightening torque (Tolerance } +0 \div -10\%)$

* = Not present for electric pump

20867 - HRK 21.15 H ET



1450rpm



AR_s228-02_022

05/06/2026



Series 228

HRK

1450rpm

P	Code	Description	Q	Assembly prescription	Validity	P	Code	Description	Q	Assembly prescription	Validity
1	1389220	Head assembly	Ø 22	1		57	1380060	Pin	3		
2	1380680	Head	nickel plated	1		58	1383050	Connecting-rod	aluminium	3	
3	960870	Plug	1/2" G nickel	1	C=30Nm / Loxeal 55-14	65	1789010	Cover	complete	1	
4	180101	O-ring	Ø 17,5x2	1	Lubricate with grease Molykote PG54	66	1260430	Ring		1	
5	1981180	Plug	3/8" G nickel	1	C=20Nm / Loxeal 55-14	67	1780690	Plate		1	
6	740290	O-ring	Ø 14x1,78	1	Lubricate with grease Molykote PG54	68	1260250	Level gauge		1	
7	1380690	Plug	1/4" G nickel	1	C=15Nm / Loxeal 55-14	69	1140450	O-ring	Ø 20,24x2,62	1	Lubricate with grease Molykote PG54
8	820510	O-ring	Ø 10,82x1,78	1		70	740290	O-ring	Ø 14x1,78	1	Lubricate with grease Molykote PG54
9	1380740	Plug	nickel	6	C=54Nm / Loxeal 55-14	71	1980740	Plug	3/8" G brass	1	C=20Nm
10	960160	O-ring	Ø 17,86x2,62	6	Lubricate with grease Molykote PG54	75	2280340	Bearing		1	
11	1389051	Complete valve		6		76	640030	O-ring	Ø 59,99x2,62	2	
12	880830	O-ring	Ø 15,54x2,62	6	Lubricate with grease Molykote PG54	78	1380050	Support	open bearing	1	
20	840320	Ring	support Ø 22	3		85	2280070	Shaft	2 marked	1	
21	840330	Water seal	Ø 22	3		86	1380520	Key		1	
22	1380160	Piston guide	Ø 22	3		87	1383140	Bearing		1	
23	961240	O-ring	Ø 31,47x1,78	3		89	1380040	Support	open bearing	1	
24	840340	Water seal	Ø 22	3		90	2282261	Ring	seal	1	Assemble with tool [2281010]
25	880520	Ring	seal	3		98	1380141	Foot		2	C=20Nm
40	1382770	Pump body		1		99	1263130	Screw	TE M8x12	4	C=20Nm
41	820150	Screw	TCEI M8x70	8	C=25Nm	A	2864	Valve kit		1	
42	1381850	Washer		8		B	2759	Piston kit	Ø 22	1	
43	880130	Oil plug	with oil dipstick	1		C	1855	Oil seal kit		1	
44	1980740	Plug	3/8" G brass	1	C=20Nm	E	1888	Water seal kit	Ø 22	1	
45	740290	O-ring	Ø 14x1,78	1	Lubricate with grease Molykote PG54	E	2811	Water seal kit	Ø 22 Viton	1	
46	1780510	O-ring	Ø 106x3	1		G	1816	Support ring kit	Ø 22	1	
47	1343510	Screw	TCEI M6x14	6	C=10Nm						
48	850370	Screw	TCEI M8x16	4	C=24,5Nm						
48*	850370	Screw	TCEI M8x16	4	C=24,5Nm						
49	1380120	Shim 0.10mm		1							
49	1380130	Shim 0.19mm		1							
49	1380530	Shim 0.25mm		1							
50	962010	Nut	M8	3							
51	962000	Washer		3	C=20Nm / Loxeal 55-14						
52	1382360	Piston	Ø 22	3							
53	600180	O-ring	Ø 7,66x1,78	3							
54	1080401	Ring	anti-extrusion	3							
55	1380950	Plate		3							
56	1380920	Piston	guide	3							

Revision: 1

Oil type: SAE 15W40

Validity: < XX/YY = From week/year

Date: 05/06/2026

Oil quantity: 0,435 Kg

C=Tightening torque (Tolerance +0 ÷ -10%)

* = Not present for electric pump

20867 - HRK 21.15 H ET