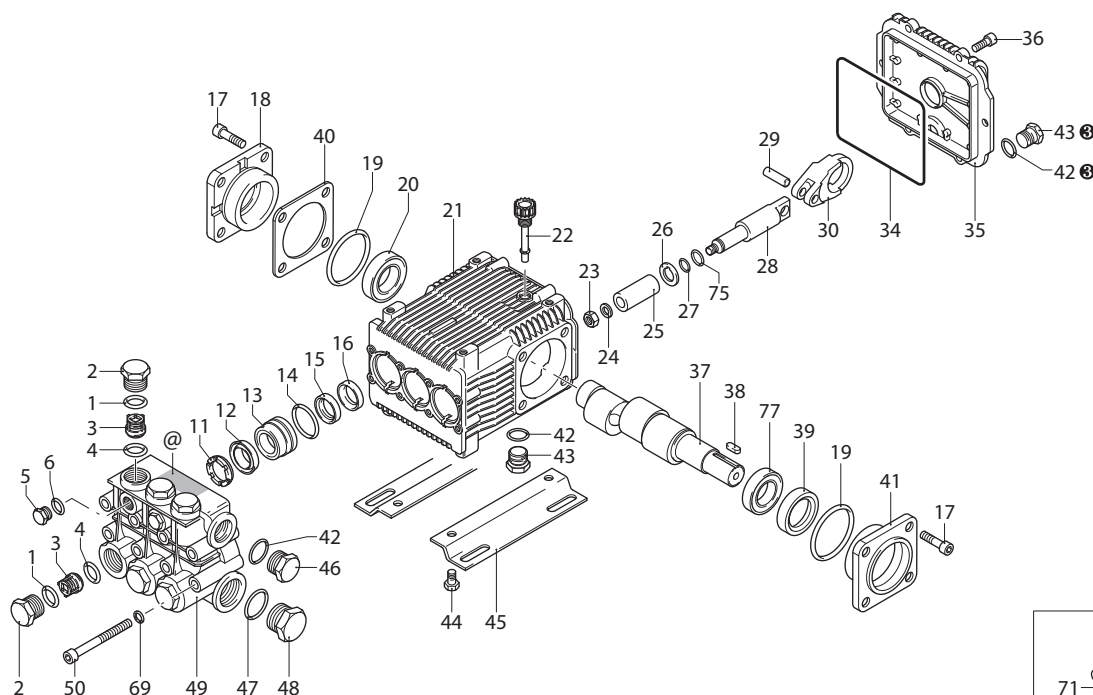
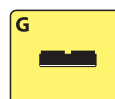
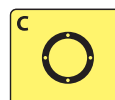
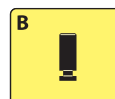
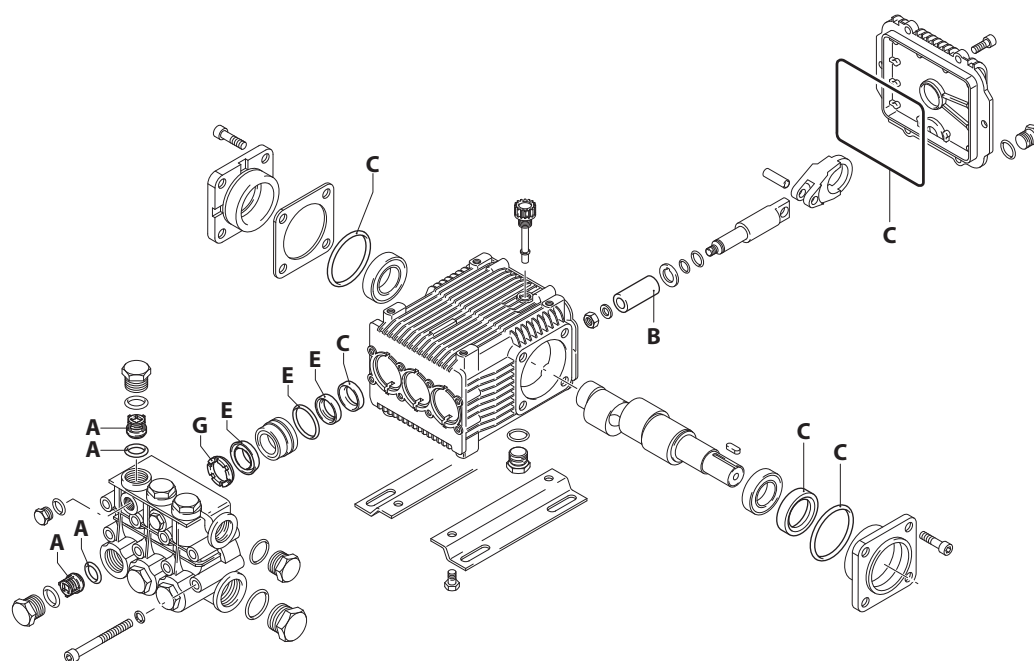


UN003308-MR

KIT RICAMBI / PART KITS



UN003309-LW

228 Series

RKA 1750 rpm N version ø 24 mm

3.5 G25 (20659) 4.5 G17 (20668) 5.5 G20 H (20672) 7 G13 (20676) 3.5 G22 (FP) 4 G30 (FP)
 3.5 G40 H (20661) 4.5 G30 H (20670) 5.5 G30 H (21131) 7 G20 H (20677) 3.5 G30 H (FP) 4 G36 H (FP)
 4 G30 H (20665) 4.5 G40 H (21130) 6.5 G13 (20674) 4 G20 (FP) 4.5 G25 H (FP)
 4 G40 H (20667) 5.5 G13 (20671) 6.5 G20 H (20675) 4 G30 A (FP) 5.5 G26 H (FP)



Pos.	Cod.	Denominazione	Description	Qt	Note	Pos.	Cod.	Denominazione	Description	Qt	Note
1	960160	Guarnizione OR Ø 17,86x2,62	O-ring	6		37	2280100	Albero marcato 5	Shaft	1	○
2	960090	Tappo	Plug	6	☛ RKA C=54Nm		2280090	Albero marcato 4	Shaft	1	●
	960850	Tappo	Plug	6	☛ RKA H=54Nm		2280070	Albero marcato 2	Shaft	1	□ ⊕ ⊕
	1380740	Tappo	Plug	6	☛ RKA H C=54Nm		2280060	Albero marcato 1	Shaft	1	◆
3	1389051	Valvola completa	Complete valve	6		38	1380520	Linguetta	Key	1	
4	880830	Guarnizione OR Ø 15,54x2,62	O-ring	6		39	180340	Anello tenuta	Ring	1	(b)
5	880581	Tappo 1/4" G	Plug	2	☛ RKA C=15Nm	40	1380120	Spessore 0,10 mm	Shim 0.10 mm	1÷3	
	1380690	Tappo 1/4" G nickel	Plug	2	☛ RKA H C=15Nm		1380130	Spessore 0,19 mm	Shim 0.19 mm	1÷3	
6	820510	Guarnizione OR Ø 10,82x1,78	O-ring	2			1380530	Spessore 0,25 mm	Shim 0.25 mm	1÷3	
11	960110	Anello appoggio Ø 18	Ring	3	○ □ ●		1382810	Spessore 0,05 mm	Shim 0.05 mm	1÷3	
	840300	Anello appoggio Ø 20	Ring	3	⊕	41	1380040	Supporto cuscinetto aperto	Support	1	
	840320	Anello appoggio Ø 22	Ring	3	⊕ ◆	42	740290	Guarnizione OR Ø 14x1,78	O-ring	3	⊕
12	1382740	Tenuta acqua Ø 18	Water seal	3	○ □ ●	43	1980740	Tappo 3/8" G ottone	Plug	2	⊕ C=20Nm
	840290	Tenuta acqua Ø 20	Water seal	3	⊕	44	1263130	Vite TE M8x12	Screw	4	Optional
	840330	Tenuta acqua Ø 22	Water seal	3	⊕ ◆	45	1380141	Piede	Foot	2	Optional
13	1380090	Guida pistone Ø 18	Piston guide	3	○ □ ●	46	1980740	Tappo 3/8" G ottone	Plug	1	RKA C=25Nm
	1380150	Guida pistone Ø 20	Piston guide	3	⊕		1981180	Tappo 3/8" G nickel	Plug	1	RKA H C=25Nm
	1380160	Guida pistone Ø 22	Piston guide	3	⊕ ◆	47	180101	Guarnizione OR Ø 17,5x2	O-ring	1	
14	961240	Guarnizione OR Ø 31,47x1,78	O-ring	3		48	820361	Tappo 1/2" G ottone	Plug	1	RKA C=40Nm
15	880330	Tenuta acqua Ø 18	Water seal	3	○ □ ●		960870	Tappo 1/2" G nickel	Plug	1	RKA H C=40Nm
	84028										

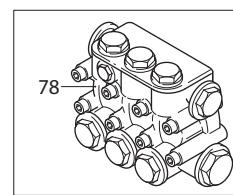
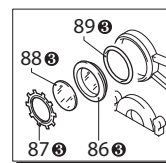
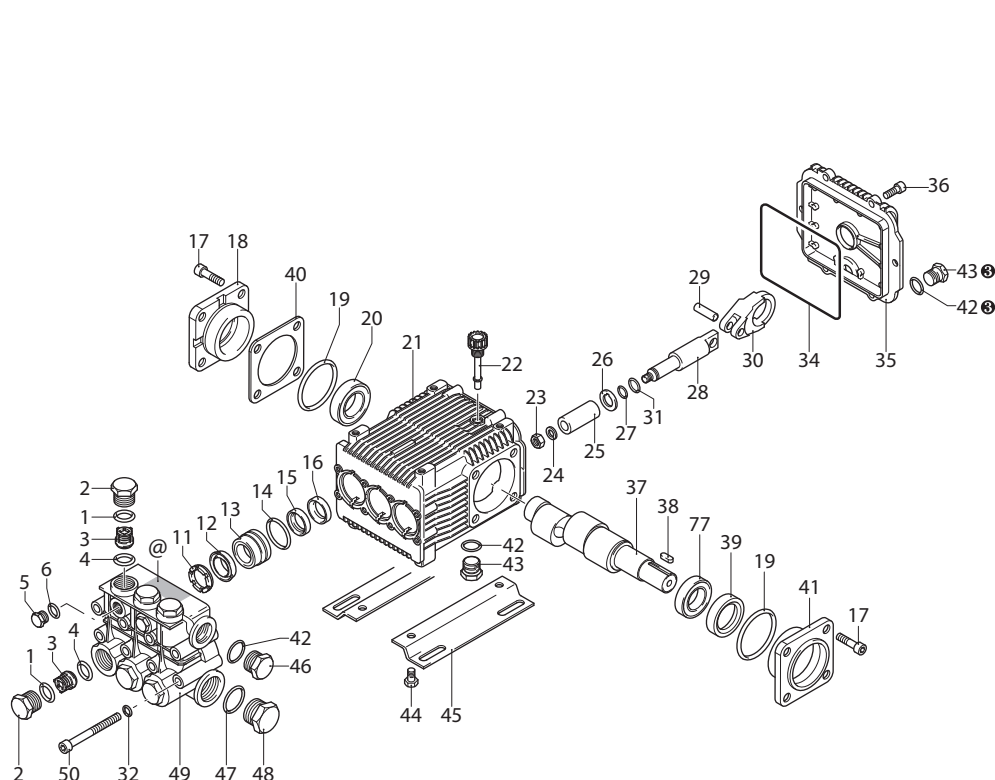
RK

VERSION

N

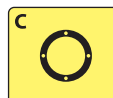
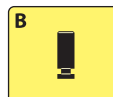
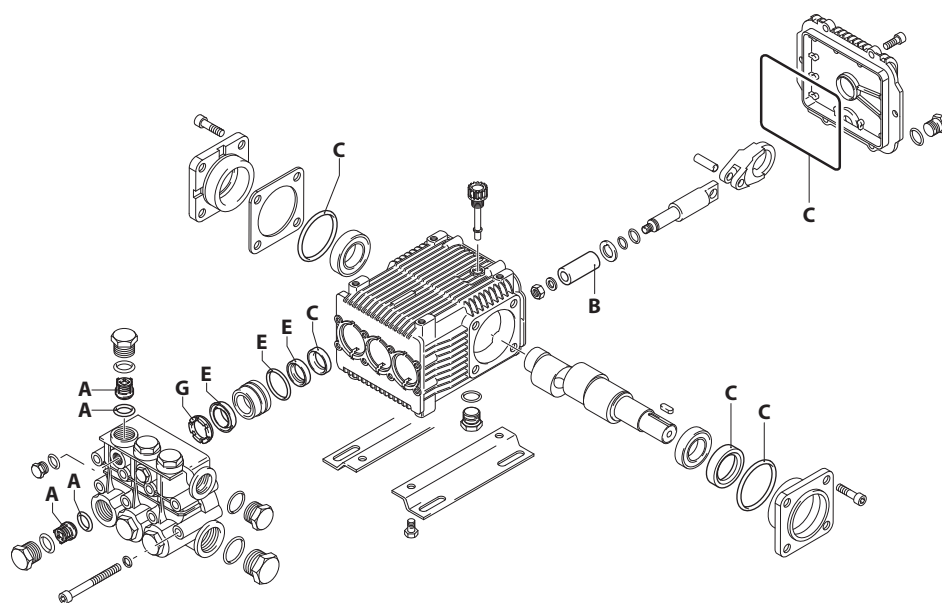
1450_{rpm}

ø 24x30 mm



UN003304-MR

KIT RICAMBI / PART KITS



UN003305-AS

228 Series

RK 1450 rpm N version ø 24 mm



11.14 (20630) 13.17 (20634) 15.15 (20637) 15.20 (20897) (FC) 18.20 H (20643) 21.15 H (20645) 18.16 H (FP)
 11.20 H (20631) 13.20 H (20635) 15.20 H (20638) 15.28 H (20640) 18.28 H (21467) 21.20 H (21129)
 11.25 H (20632) 14.16 (20636) 15.25 H (20639) 18.12 (20641) 21.10 (20644) 13.12 (FP)

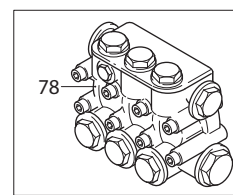
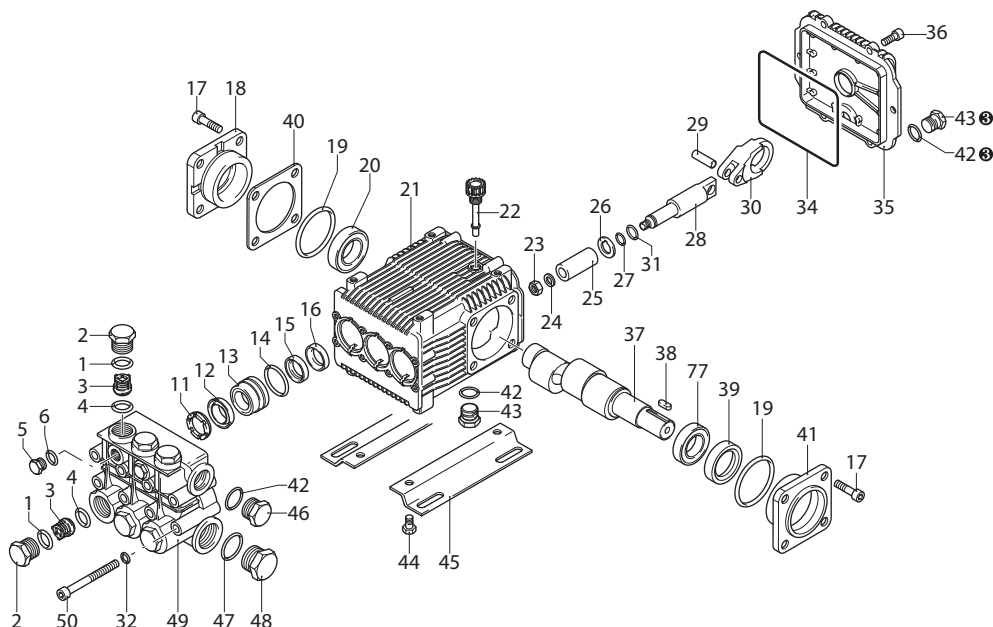
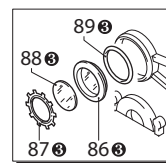
Pos.	Cod.	Denominazione	Description	Qt	Note	Pos.	Cod.	Denominazione	Description	Qt	Note
1	960160	Guarnizione OR Ø 17,86x2,62	O-ring	6		34	1780510	Guarnizione OR Ø 106x3	O-ring	1	
2	960090	Tappo	Plug	6	● RK C=54Nm	35	1789010	Coperchio completo	Cover	1	
	960850	Tappo	Plug	6	● RK H H [®] C=54Nm	36	1343510	Vite TCEI M6x14	Screw	6	C=10Nm
	1380740	Tappo	Plug	6	● RK H C=54Nm	37	2280100	Albero marcato 5	Shaft	1	○
3	1389051	Valvola completa	Complete valve	6			2280080	Albero marcato 3	Shaft	1	□
4	880830	Guarnizione OR Ø 15,54x2,62	O-ring	6			2280070	Albero marcato 2	Shaft	1	● ★
5	880581	Tappo 1/4" G	Plug	2	● RK C=15Nm		2280060	Albero marcato 1	Shaft	1	☆ ☆
	1380690	Tappo 1/4" G nickel	Plug	2	● RK H - H [®] C=15Nm	38	1380520	Linguetta	Key	1	
6	820510	Guarnizione OR Ø 10,82x1,78	O-ring	2		39	180340	Anello tenuta	Ring	1	(b)
11	960110	Anello appoggio Ø 18	Ring	3	○ □ ● ☆	40	1380120	Spessore 0,10 mm	Shim 0.10 mm	1÷3	
	840300	Anello appoggio Ø 20	Ring	3	☆		1380130	Spessore 0,19 mm	Shim 0.19 mm	1÷3	
	840320	Anello appoggio Ø 22	Ring	3	★		1380530	Spessore 0,25 mm	Shim 0.25 mm	1÷3	
12	1382740	Tenuta acqua Ø 18	Water seal	3	○ □ ● ☆		1382810	Spessore 0,05 mm	Shim 0.05 mm	1÷3	
	840290	Tenuta acqua Ø 20	Water seal	3	☆	41	1380040	Supporto cuscinetto aperto	Support	1	
	840330	Tenuta acqua Ø 22	Water seal	3	★	42	740290	Guarnizione OR Ø 14x1,78	O-ring	3	③
13	1380090	Guida pistone Ø 18	Piston guide	3	○ □ ● ☆	43	1980740	Tappo 3/8" G ottone	Plug	2	③ C=20Nm
	1380150	Guida pistone Ø 20	Piston guide	3	☆	44	1263130	Vite TE M8x12	Screw	4	Optional C=20Nm
	1380160	Guida pistone Ø 22	Piston guide	3	★	45	1380141	Piede	Foot	2	Optional
14	961240	Guarnizione OR Ø 31,47x1,78	O-ring	3		46	1980740	Tappo 3/8" G ottone	Plug	1	RK C=25Nm
15	880330	Tenuta acqua Ø 18	Water seal	3	○ □ ● ☆	47	1981180	Tappo 3/8" G nickel			

RK

VERSION

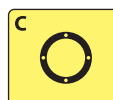
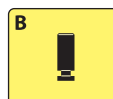
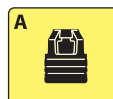
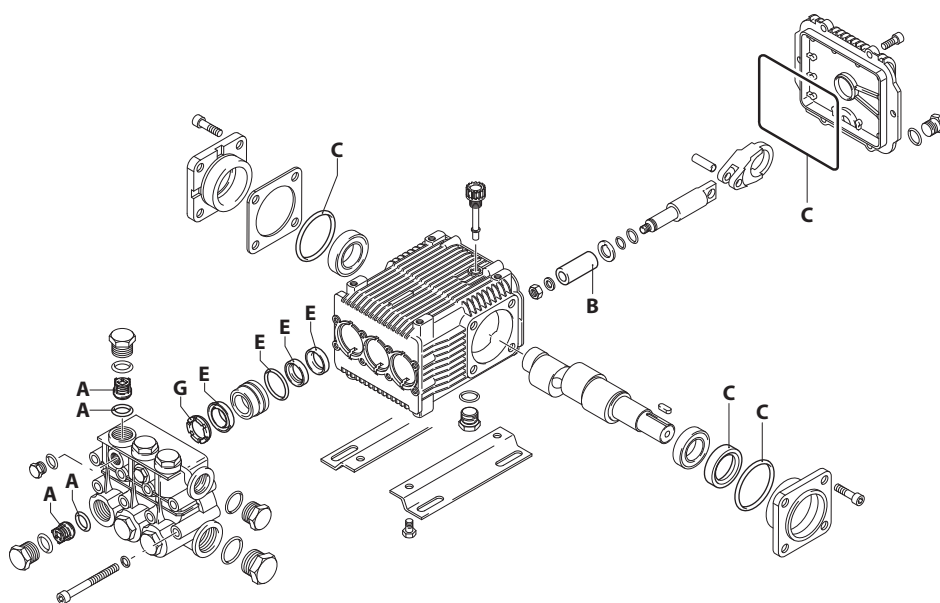
N 1450rpm

ø 24x30 mm



UN003304-LW

KIT RICAMBI / PART KITS



UN003305-LW

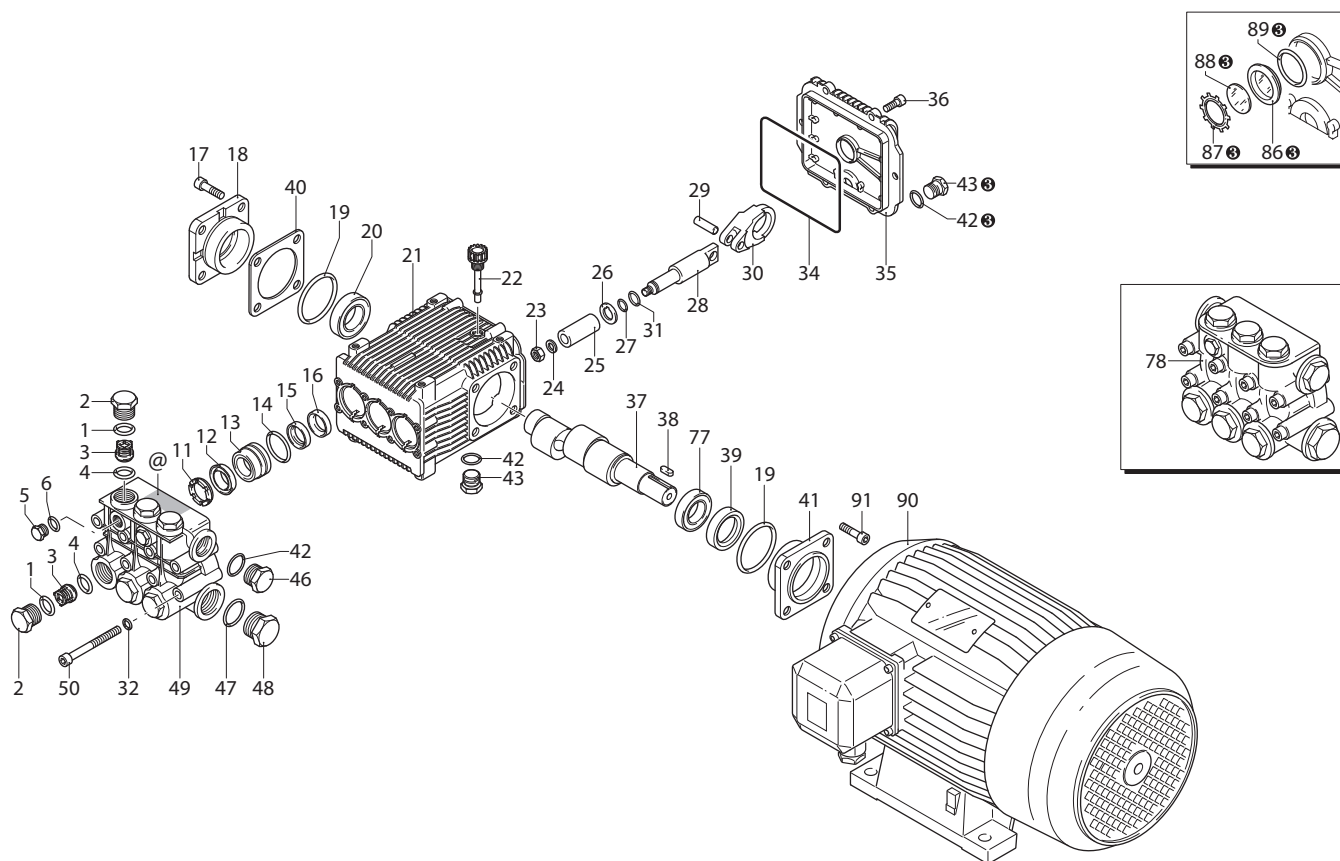
228 Series

RK 1450 rpm N version ø 24 mm

11.14 14.16 18.16 H	11.20 H 15.15 18.20 H	11.25 H 15.20 H 18.28 H	13.12 15.25 H 21.10	13.17 15.28 H 21.15	13.20 H 18.12 21.20 H
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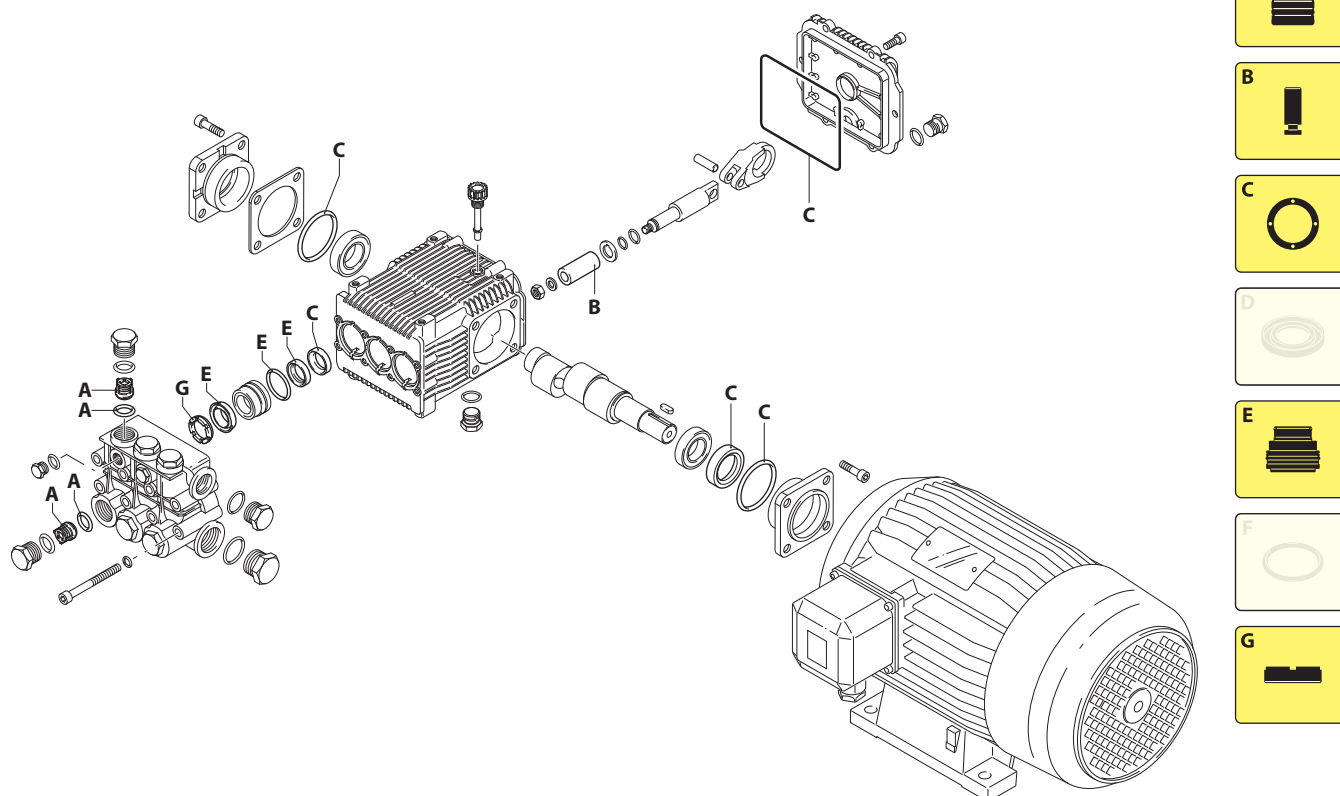


Pos.	Cod. Part n°	Denominazione	Description	Q.tà Q.ty	Note Vedi / See	Pos.	Cod. Part n°	Denominazione	Description	Q.tà Q.ty	Note Vedi / See
1	960160	OR Ø 17,86x2,62	O-Ring	6		34	1780510	OR Ø 106x3	O-Ring	1	
2	960090	Tappo	Plug	6	RK C=54Nm	35	1789010	Coperchio completo	Complete cover	1	
	960850	Tappo Inox	Plug	6	RK H [⊗] C=54Nm	36	1343510	Vite TCEI M 6x14	Screw	6	C=10Nm
	1380740	Tappo Nikel	Plug	6	RK H C=54Nm	37	2280100	Albero eccentrico	Crankshaft	1	□ Marcato 5
3	1389051	Valvola completa	Complete valve	6			2280080	Albero eccentrico	Crankshaft	1	□ Marcato 3
4	880830	OR Ø 15,54x2,62	O-Ring	6			2280070	Albero eccentrico	Crankshaft	1	● ★ Marcato 2
5	880581	Tappo 1/4"G	Plug	2	⊗ RK C=15Nm		2280060	Albero eccentrico	Crankshaft	1	■ ☆ Marcato 1
	1380690	Tappo 1/4"G Nikel	Plug	2	⊗ RK H - H [⊗] C=15Nm	38	1380520	Linguetta	Key	1	
6	820510	OR Ø 10,82x1,78	O-Ring	2		39	180340	Anello tenuta	Seal	1	(b)
11	960110	Anello appoggio	Support ring	3	Ø18 □ ● ■	40	1380120	Spessore 0,10 mm	0,10 mm shim	1÷3	
	840300	Anello appoggio	Support ring	3	Ø20 ☆		1380130	Spessore 0,20 mm	0,20 mm shim	1÷3	
	840320	Anello appoggio	Support ring	3	Ø22 ★		1380530	Spessore 0,25 mm	0,25 mm shim	1÷3	
12	1382740	Guarnizione	Gasket	3	Ø18 □ ● ■		1382810	Spessore 0,05 mm	0,05 mm shim	1÷3	
	840290	Guarnizione	Gasket	3	Ø20 ☆	41	1380040	Supp. cusc. aperto	Open bearing sup.	1	
	840330	Guarnizione	Gasket	3	Ø22 ★	42	740290	OR Ø 14x1,78	O-Ring	3	⊗
13	1380090	Guida pistone	Piston guide	3	Ø18 □ ● ■	43	1980740	Tappo 3/8"G Ottone	3/8"G plug	2	⊗ C=20Nm
	1380150	Guida pistone	Piston guide	3	Ø20 ☆	44	1263130	Vite TE M 8x12	Screw	4	Optional C=20Nm
	1380160	Guida pistone	Piston guide	3	Ø22 ★	45	1380141	Piede	Base	2	Optional
14	961240	OR Ø 31,47x1,78	O-Ring	3		46	1980740	Tappo 3/8"G Ottone	3/8"G plug	1	RK C=25Nm
15	880330	Guarnizione	Gasket	3	Ø18 □ ● ■		1981180	Tappo 3/8"G Nikel	3/8"G plug	1	RK H - H [⊗] C=25Nm
	840280	Guarnizione</									



UN002398-DQ

KIT RICAMBI / PART KITS



UN002399-AS

228 Series

HRK 1450 rpm

13.20 H ET (20859)

14.16 ET (20860)

15.15 ET (20861)

15.20 H ET (20862)

15.25 H ET (20863)

18.16 H ET (20865)

21.10 ET (20866)

21.15 H ET (20867)

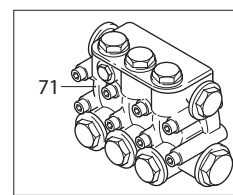
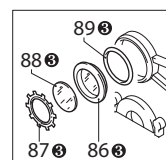
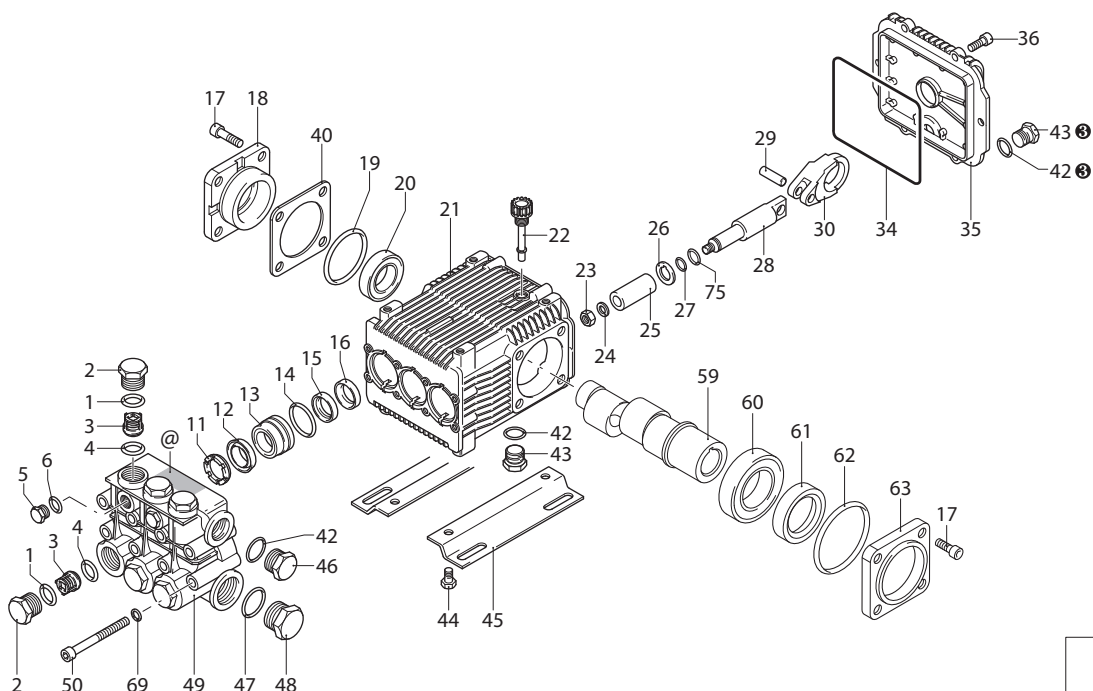
21.20 H ET (20868)

15.11 (FP)

18.12 (FP)

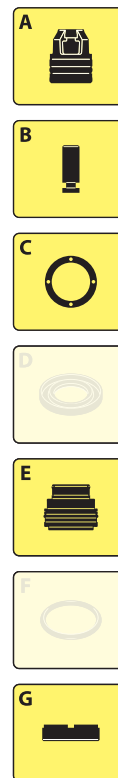
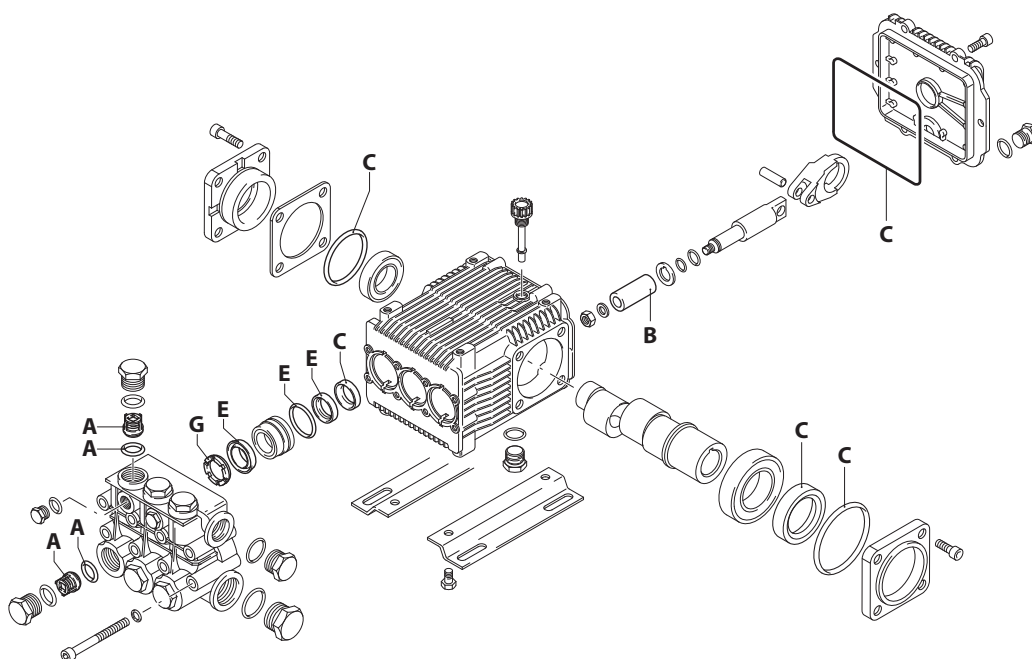


Pos.	Cod.	Denominazione	Description	Qt	Note	Pos.	Cod.	Denominazione	Description	Qt	Note
1	960160	Guarnizione OR Ø 17,86x2,62	O-ring	6		35	1789010	Coperchio completo	Cover	1	
2	960090	Tappo	Plug	6	● RK C=54Nm	36	1343510	Vite	TCEI M6x14	6	C=10Nm
	960850	Tappo	Plug	6	● RK H=54Nm	37	2280080	Albero marcato 3	Shaft	1	□
	1380740	Tappo	Plug	6	● RK H C=54Nm		2280070	Albero marcato 2	Shaft	1	● ★
3	1389051	Valvola completa	Complete valve	6			2280060	Albero marcato 1	Shaft	1	☆ ☆
4	880830	Guarnizione OR Ø 15,54x2,62	O-ring	6		38	1380520	Linguetta	Key	1	
5	880581	Tappo 1/4" G	Plug	2	RK C=15Nm	39	180340	Anello tenuta	Ring	1	(a)
	1380690	Tappo 1/4" G nickel	Plug	2	RK H - H=15Nm		1380120	Spessore 0,10 mm	Shim 0.10 mm	1÷3	
6	820510	Guarnizione OR Ø 10,82x1,78	O-ring	2			1380130	Spessore 0,19 mm	Shim 0.19 mm	1÷3	
11	960110	Anello appoggio Ø18	Ring	3	□ ● ☆	40	1380530	Spessore 0,25 mm	Shim 0.25 mm	1÷3	
	840300	Anello appoggio Ø20	Ring	3	☆		1382810	Spessore 0,05 mm	Shim 0.05 mm	1÷3	
	840320	Anello appoggio Ø22	Ring	3	★	41	1380040	Supporto cuscinetto aperto	Support	1	
12	1382740	Tenuta acqua Ø 18	Water seal	3	□ ● ☆	42	740290	Guarnizione OR Ø 14x1,78	O-ring	3	③
	840290	Tenuta acqua Ø 20	Water seal	3	☆	43	1980740	Tappo 3/8" G ottone	Plug	2	③
	840330	Tenuta acqua Ø 22	Water seal	3	★	46	1980740	Tappo 3/8" G ottone	Plug	1	RK C=25Nm
13	1380090	Guida pistone Ø 18	Piston guide	3	□ ● ☆		1981180	Tappo 3/8" G nickel	Plug	1	RK H - H=25Nm
	1380150	Guida pistone Ø 20	Piston guide	3	☆	47	180101	Guarnizione OR Ø 17,5x2	O-ring	1	
	1380160	Guida pistone Ø 22	Piston guide	3	★	48	820361	Tappo 1/2" G ottone	Plug	1	RK C=40Nm
14	961240	Guarnizione OR Ø 31,47x1									



UN003310-MR

KIT RICAMBI / PART KITS



UN003311-LW

228 Series

RKA 1750 rpm E version ø 1" 1/8

3.5 G25 (20678)
3.5 G30 H (20679)
4 G20 (20680)

4 G30 (20681)
5.5 G13 (20682)
6.5 G13 (20683)

6.5 G20 H (20684)
7 G13 (20685)
7 G20 H (20686)



Pos.	Cod.	Denominazione	Description	Qt	Note	Pos.	Cod.	Denominazione	Description	Qt	Note
1	960160	Guarnizione OR Ø 17,86x2,62	O-ring	6		40	1380120	Spessore 0,10 mm	Shim 0.10 mm	1÷3	
2	960090	Tappo	Plug	6	⚙ RKA C=54Nm		1380130	Spessore 0,19 mm	Shim 0.19 mm	1÷3	
	1380740	Tappo	Plug	6	⚙ RKA H C=54Nm		1380530	Spessore 0,25 mm	Shim 0.25 mm	1÷3	
3	1389051	Valvola completa	Complete valve	6			1382810	Spessore 0,05 mm	Shim 0.05 mm	1÷3	
4	880830	Guarnizione OR Ø 15,54x2,62	O-ring	6		42	740290	Guarnizione OR Ø 14x1,78	O-ring	3	⚙
5	880581	Tappo 1/4" G	Plug	2	⚙ RKA C=15Nm	43	1980740	Tappo 3/8" G ottone	Plug	2	⚙ C=20Nm
	1380690	Tappo 1/4" G nickel	Plug	2	⚙ RKA H C=15Nm	44	1263130	Vite TE M8x12	Screw	4	Optional
6	820510	Guarnizione OR Ø 10,82x1,78	O-ring	2		45	1380141	Piede	Foot	2	Optional
11	960110	Anello appoggio Ø 18	Ring	3	○ ●	46	1980740	Tappo 3/8" G ottone	Plug	1	RKA C=20Nm
	840300	Anello appoggio Ø 20	Ring	3	⚙		1981180	Tappo 3/8" G nickel	Plug	1	RKA H C=20Nm
	840320	Anello appoggio Ø 22	Ring	3	⚙	47	180101	Guarnizione OR Ø 17,5x2	O-ring	1	
12	1382740	Tenuta acqua Ø 18	Water seal	3	○ ●	48	820361	Tappo 1/2" G ottone	Plug	1	RKA C=40Nm
	840290	Tenuta acqua Ø 20	Water seal	3	⚙		960870	Tappo 1/2" G nickel	Plug	1	RKA H C=40Nm
	840330	Tenuta acqua Ø 22	Water seal	3	⚙	49	1381071	Testa	Head	1	Ø18 RKA
13	1380090	Guida pistone Ø 18	Piston guide	3	○ ●		1381070	Testa nikelata	Head	1	Ø18 RKA H
	1380150	Guida pistone Ø 20	Piston guide	3	⚙		1380020	Testa	Head	1	Ø20 RKA
	1380160	Guida pistone Ø 22	Piston guide	3	⚙		1383010	Testa	Head	1	Ø22 RKA
14	961240	Guarnizione OR Ø 31,47x1,78	O-ring	3			1383310	Testa	Head	1	Ø22 RKA H
15	880330	Tenuta acqua Ø 18	Water seal	3	○ ●	50	820150	Vite TCEI M8x70	Screw	8	C=24,5Nm
	840280	Tenuta acqua Ø 20	Water seal	3	⚙	59					

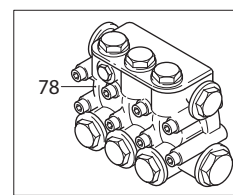
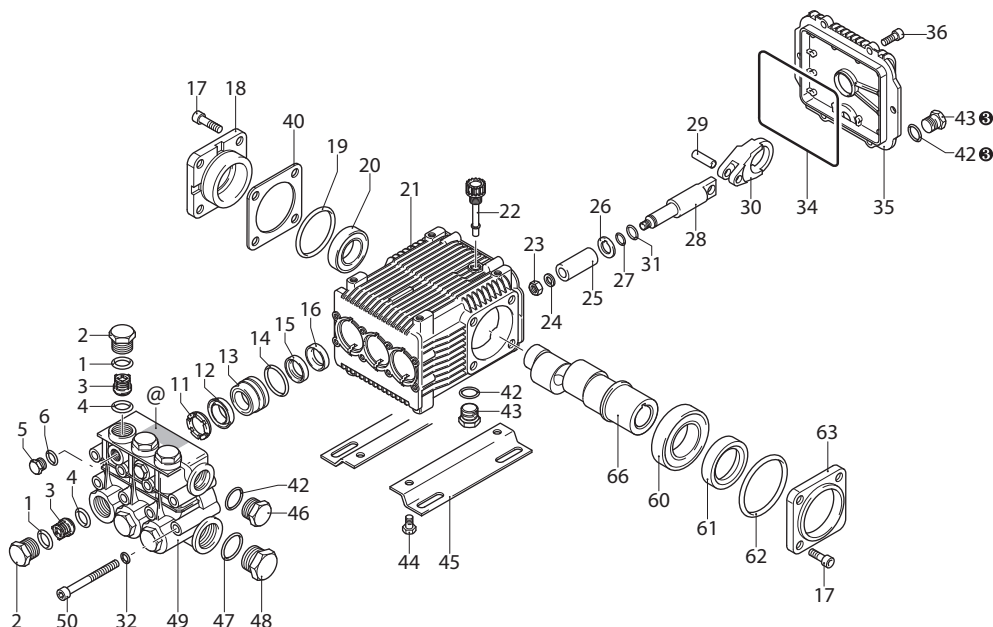
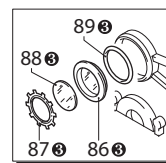
RK

VERSION

C

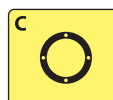
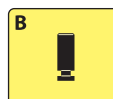
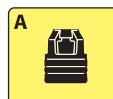
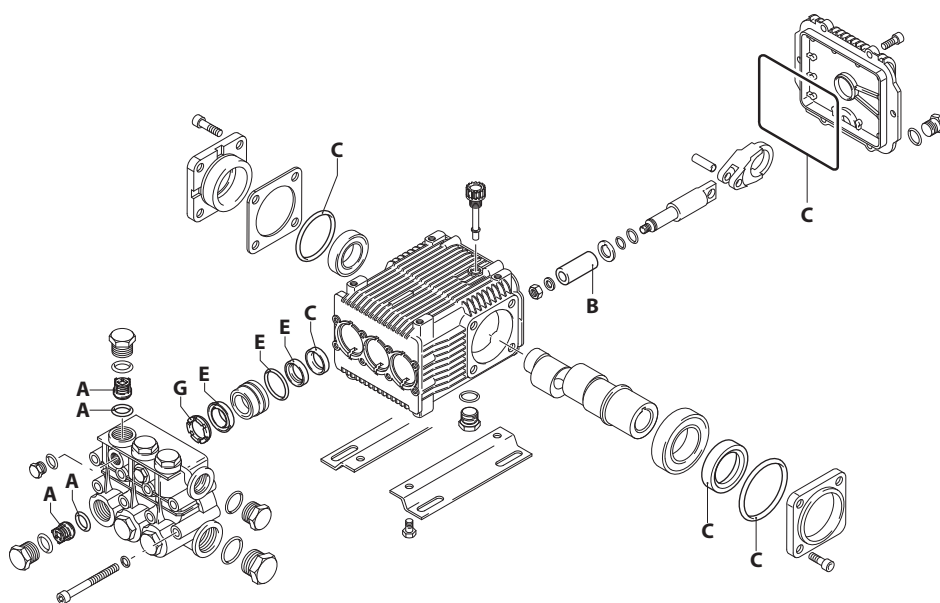
1450_{rpm}

Ø 28 mm



UN003306-MR

KIT RICAMBI / PART KITS



UN003307-AS

228 Series

RK 1450 rpm C version ø 28 mm



11.20 H (20647) 13.20 H (20650) 15.20 H (20653) 21.10 (20656)
13.12 (20648) 14.16 (20651) 18.12 (20654) 21.15 H (20657)
13.17 (20649) 15.15 (20652) 18.16 H (20655)

Pos.	Cod.	Denominazione	Description	Qt	Note	Pos.	Cod.	Denominazione	Description	Qt	Note
1	960160	Guarnizione OR Ø 17,86x2,62	O-ring	6		35	1789010	Coperchio completo	Cover	1	
2	960090	Tappo	Plug	6	● RK C=54Nm	36	1343510	Vite TCEI M6x14	Screw	6	C=10Nm
	960850	Tappo	Plug	6	● RK H = C=54Nm	40	1380120	Spessore 0,10 mm	Shim 0.10 mm	1÷3	
	1380740	Tappo	Plug	6	● RK H C=54Nm		1380130	Spessore 0,19 mm	Shim 0.19 mm	1÷3	
3	1389051	Valvola completa	Complete valve	6			1380530	Spessore 0,25 mm	Shim 0.25 mm	1÷3	
4	880830	Guarnizione OR Ø 15,54x2,62	O-ring	6			1382810	Spessore 0,05 mm	Shim 0.05 mm	1÷3	
5	880581	Tappo 1/4" G	Plug	2	● RK C=15Nm	42	740290	Guarnizione OR Ø 14x1,78	O-ring	3	③
	1380690	Tappo 1/4" G nickel	Plug	2	● RK H - H = C=15Nm	43	1980740	Tappo 3/8" G ottone	Plug	2	③
6	820510	Guarnizione OR Ø 10,82x1,78	O-ring	2		44	1263130	Vite TE M8x12	Screw	4	Optional
11	960110	Anello appoggio Ø 18	Ring	3	○ □ ● ☆	45	1380141	Piede	Foot	2	Optional
	840300	Anello appoggio Ø 20	Ring	3	☆	46	1980740	Tappo 3/8" G ottone	Plug	1	RK C=25Nm
	840320	Anello appoggio Ø 22	Ring	3	★		1981180	Tappo 3/8" G nickel	Plug	1	RK H - H = C=25Nm
12	1382740	Tenuta acqua Ø 18	Water seal	3	○ □ ● ☆	47	180101	Guarnizione OR Ø 17,5x2	O-ring	1	
	840290	Tenuta acqua Ø 20	Water seal	3	☆	48	820361	Tappo 1/2" G ottone	Plug	1	RK C=40Nm
	840330	Tenuta acqua Ø 22	Water seal	3	★		960870	Tappo 1/2" G nickel	Plug	1	RK H - H = C=40Nm
13	1380090	Guida pistone Ø 18	Piston guide	3	○ □ ● ☆	49	1381071	Testa	Head	1	Ø18 RK
	1380150	Guida pistone Ø 20	Piston guide	3	☆		1381070	Testa nikelata	Head	1	Ø18 RK H - H =
	1380160	Guida pistone Ø 22	Piston guide	3	★		1380020	Testa	Head	1	Ø20-22 RK
14	961240	Guarnizione OR Ø 31,47x1,78	O-ring	3			1380680	Testa nikelata	Head	1	Ø20-22 RK H
15	880330	Tenuta acqua Ø									