

**SPARE PARTS
FOR HYDRAULIC MOTORS TYPE HP...U...E, 41 5144 5XXX**

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	NOTES
1	<u>SCREW</u> For HP... M6x20-12.9	MP08V019	6	100	
	For HPQ... M5x16-12.9	MP08V017	8	100	
2	SPRING WASHER 6H (not for HPQ...)	MP023V001	6	100	
3	DUST SEAL 28.5x35x2	MP013V021	1	*	
4	<u>SPIGOT FLANGE</u> For HP...	43162 042 00	1	10	
	For HPQ...	43162 043 00	1	10	
5	SHAFT SEAL 28.56x38x4.8/5.5 HP20	MP015V036	1	*	
6	"O" RING 45x1.5	MP011B150	1	*	
7	THRUST WASHER	49891 623 00	1	15	
8	AXIAL ROLLER BEARING ARK 28.65x42x4.5	MP10V003	1	50	
9	CASTELLATED NUT ¾-16UNF (For HP...T)	49817 004 00	1	5	
10	<u>KEY</u> For HP...CL ¼"x¼"x¼" parallel key	56321 002 00	1	50	
	For HP...M,CP,CW A8x7x32	MP13V001	1	50	
	For HP...C,CH ¼"x1" woodruff key	56231 005 00	1	50	
	For HP...T 3/16"x3/4" parallel key	56231 008 00	1	50	
11	<u>SHAFT **</u> For HP... and HPQ...C Shaft 1.0 in, straight key	41344 612 00	1	10	
	For HP... and HPQ...G Shaft 1.0 in,SAE 6B,splined	41344 613 00	1	10	
	For HP... and HPQ...S Shaft7/8 in, 13T splined SAE B	41344 616 00	1	10	
	For HP... and HPQ... H Shaft 1.0 in, crosshole	41344 614 00	1	10	
	For HP... and HPQ...T Shaft 1.0 in, tapered J 502	41344 615 00	1	10	
	For HP... and HPQ...M Shaft ø25 straight,Parallel key A8x7x32	41344 668 00	1	10	
	For HP... and HPQ... CP Shaft ø25 straight,Parallel key A8x7x32	41344 669 00	1	10	
	For HP...and HPQ... CW Shaft ø25,Parallel key A8x7x32	41344 672 00	1	10	
	For HP... and HPQ...CL Shaft 1.0 in,Parallel key ¼"x¼"x1 ¼" BS46	41344 670 00	1	10	
	For HP...and HPQ...CP Shaft 1.0 in,SAE 6B splined	41344 669 00	1	10	
	For HP... and HPQ...SL Shaft 1.0 in,SAE 6B splined	41344 674 00	1	10	
	For HP... and HPQ...CH Shaft ø25,Woodruff key ¼"x1" SAE J502	41344 671 00	1	10	
	11.1	<u>SHAFT -RS**</u> For HP... and HPQ...C-RS Shaft 1.0 in, straight key	41344 612 01	1	10
For HP... and HPQ...G-RS Shaft 1.0 in,SAE 6B,splined		41344 613 01	1	10	
For HP... and HPQ...S-RS Shaft7/8 in, 13T splined SAE B		41344 616 01	1	10	
For HP... and HPQ...H-RS Shaft 1.0 in, crosshole		41344 614 01	1	10	
For HP... and HPQ...T-RS Shaft 1.0 in, tapered J 502		41344 615 01	1	10	
For HR... and HPQ...M-RS Shaft ø25 straight,Parallel key A8x7x32		41344 668 01	1	10	
For HR... and HPQ...SL-RS Shaft 1.0 in,SAE 6B splined		41344 674 01	1	10	

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	NOTES
	For HR... and HPQ...SP-RS	Shaft ø25 straight,Parallel key A8x7x32	41344 669 01	1	10
	For HR... and HPQ...CW-RS	Shaft ø25,Parallel key A8x7x32	41344 672 00	1	10
	For HR... and HPQ...CL-RS	Shaft 1.0 in,Parallel key 1/4"x1/4"x1 1/4" BS46	41344 670 01	1	10
	For HR... and HPQ...SH-RS	Shaft 1.0 in,SAE 6B splined	41344 673 01	1	10
12	<u>CHECK VALVE</u>				
	For HP...K		138 0001 100	1	10
	For HPQ...K		138 0001 100	2	20
13	"O" RING (For HPQ...K)	6x2	MP011V096	1	*
14	THREAD BUSHING	ø10 (for HPQ...only)	41345 002 00	1	10
15	PLUG – CHECK VALVE	(for HP...K..only)	41345 005 00	1	10
16	<u>HOUSING **</u>				
	For HP...1E	SAE A, 2x ø10	51152 059 00	1	10
	For HP...2E	SAE A, 2Xg1/2	51152 060 00	1	10
	For HP...3E	SAE A, 2x ø10	51152 061 00	1	10
	For HP...4E	SAE A, 2x7/8-14 UNF	51152 062 00	1	10
	For HP...5E	SAE A, 2x1/2-14 NPTF	51152 063 00	1	10
	For K HP...1E	SAE A, 2x ø10	51152 059 01	1	10
	For K HP...2E	SAE A, 2Xg1/2	51152 060 01	1	10
	For K HP...3E	SAE A, 2x ø10	51152 061 01	1	10
	For K HP...4E	SAE A, 2x7/8-14 UNF	51152 062 01	1	10
	For K HP...5E	SAE A, 2x1/2-14 NPTF	51152 063 01	1	10
	For HPQ...1E	square, 2xø10	51152 064 00	1	10
	For HPQ...2E	square, 2Xg1/2	51152 065 00	1	10
	For HPQ...3E	square, 2xø10	51152 066 00	1	10
	For HPQ...4E	square, 2x7/8-14 UNF	51152 067 00	1	10
	For HPQ...5E	square, 2x1/2-14 NPTF	51152 068 00	1	10
	For K HPQ...1E	square, 2xø10	51152 064 01	1	10
	For K HPQ...2E	square, 2Xg1/2	51152 065 01	1	10
	For K HPQ...3E	square, 2xø10	51152 066 01	1	10
	For K HPQ...4E	square, 2x7/8-14 UNF	51152 067 01	1	10
	For K HPQ...5E	square, 2x1/2-14 NPTF	51152 068 01	1	10
16.1	<u>HOUSING –RS **</u>				
	For HP...1 RS E	SAE A, 2x ø10	51152 059 10	1	10
	For HP...2 RS E	SAE A, 2Xg1/2	51152 060 10	1	10
	For HP...3 RS E	SAE A, 2x ø10	51152 061 10	1	10
	For HP...4 RS E	SAE A, 2x7/8-14 UNF	51152 062 10	1	10
	For HP...5 RS E	SAE A, 2x1/2-14 NPTF	51152 063 10	1	10
	For K HP...1 RS E	SAE A, 2x ø10	51152 059 11	1	10
	For K HP...2 RS E	SAE A, 2Xg1/2	51152 060 11	1	10
	For K HP...3 RS E	SAE A, 2x ø10	51152 061 11	1	10
	For K HP...4 RS E	SAE A, 2x7/8-14 UNF	51152 062 11	1	10
	For K HP...5 RS E	SAE A, 2x1/2-14 NPTF	51152 063 11	1	10
	For HPQ...1 RS E	square, 2xø10	51152 064 10	1	10

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	NOTES
	For HPQ...2 RS E square, 2Xg1/2	51152 065 10	1	10	
	For HPQ...3 RS E square, 2xø10	51152 066 10	1	10	
	For HPQ...4 RS E square, 2x7/8-14 UNF	51152 067 10	1	10	
	For HPQ...5 RS E square, 2x1/2-14 NPTF	51152 068 10	1	10	
	For K HPQ...1 RS E square, 2xø10	51152 064 11	1	10	
	For K HPQ...2 RS E square, 2Xg1/2	51152 065 11	1	10	
	For K HPQ...3 RS E square, 2xø10	51152 066 11	1	10	
	For K HPQ...4 RS E square, 2x7/8-14 UNF	51152 067 11	1	10	
	For K HPQ...5 RS E square, 2x1/2-14 NPTF	51152 068 11	1	10	
17	"O" RING 77.5x1.8	MP011B037	3	*	
18	<u>CARDAN SHAFT, mm [in]</u>				
	For HP... 25, 32 L=72,5 [2.85]	46457 266 00	1	10	
	For HP... 40 L=74,3 [2.96]	46457 152 00	1	10	
	For HP... 50 L=73,2 [2.88]	46457 267 00	1	10	
	For HP... 80 L=76,5 [3.01]	46457 268 00	1	10	
	For HP...100 L=79,2 [3.12]	46457 269 00	1	10	
	For HP...125 L=82,5 [3.25]	46457 156 00	1	10	
	For HP...160 L=87 [3.425]	46457 271 00	1	10	
	For HP...200 L=92,5 [3.64]	46457 272 00	1	10	
	For HP...250 L=99 [3.9]	46457 273 00	1	10	
	For HP...315 L=108,5 [4.27]	46457 274 00	1	10	
	For HP...400 L=119,3 [4.7]	46457 275 00	1	10	
19	DISTRIBUTOR PLATE	43142 021 00	1	10	
20	<u>GEROTOR SET, mm [in]***</u>				
	For HP... 25 W=5.2 [0.205]	129 6450 600	1	10	
	For HP... 32 W=6.3 [0.248]	129 6450 610	1	10	
	For HP...40 W=7.4 [0.291]	129 6450 620	1	10	
	For HP... 50 W=6.67 [0.263]	129 6450 100	1	10	
	For HP... 80 W=10.67 [0.420]	129 6450 110	1	10	
	For HP...100 W=13.33 [0.525]	129 6450 120	1	10	
	For HP...125 W=16.67 [0.656]	129 6450 130	1	10	
	For HP...160 W=21.33 [0.840]	129 6450 140	1	10	
	For HP...200 W=26.67 [1.050]	129 6450 150	1	10	
	For HP...250 W=33.33 [1.312]	129 6450 160	1	10	
	For HP...315 W=42.67 [1.680]	129 6450 170	1	10	
	For HP...400 W=53.33 [2.100]	129 6450 180	1	10	
21	<u>END COVER</u>				
	For HP...25÷50 1,[3],[4],[5] U...	43142 124 00	1	10	
	For HP...80÷400 1,[3],[4],[5]U...	43142 117 00	1	10	
	For HP...25÷50 2 U...	43312 008 00	1	10	
	For HP...80÷400 2 U...	43312 00700	1	10	
	For HP...25÷50 U1...	43312 015 00	1	10	
	For HP...80÷400 U1...	43312 014 00	1	10	
22	WASHER 8x12	49891 992 00	7	1200	

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	NOTES
23	SCREW M8x1Xl				
	For HP... 25, 32 L=35 mm	MP08V002	7	40	
	For HP... 40, 50, 80 L=40 mm	MP08V003	7	40	
	For HP...100 L=45 mm	MP08V004	7	40	
	For HP...125 L=50 mm	MP08V005	7	40	
	For HP...160 L=55 mm	MP08V006	7	40	
	For HP...200 L=60 mm	MP08V007	7	40	
	For HP...250 L=65 mm	MP08V008	7	40	
	For HP...315 L=75 mm	MP08V010	7	40	
For HP...400 L=85 mm	MP08V012	7	40		
24	NAME PLATE	49961 888 00	1	10	
25	RIVET 2x5	MP08B057	2	100	
26	SEAL (not for version 1)				
	For HP... 1,[3],[4],[5] "O" RING 9x1.8	MP011V003	1	*	
	For HP...2 WASHER 13x17	MP021B033	1	100	
27	PLUG (not for version 1)				
	For HP... 1,[3],[4],[5] 7/16-20 UNF	MP17V009	1	100	
	For HP...2 G ¼	MP17V001	1	100	
28	PLUG 9 (for HP-RS only)	MP065014	1	10	
29	BALL 3/16" [for HP...K... only]	MP09V015	1	10	
30	SUPPORT [for HP...K... only]	43312 042 00	1	10	
31	"O" RING 9x1,7 (not for HPQ)				
	For HP...	MP011V217	1	*	
	For HP...K	MP011V217	2	*	
32	PLUG ø12 (not for Q..and ..K)	41345 004 00	1	10	

- NOTES:** * - Contained in Seal Kits Code No 41 5144 5000 and 41 5144 5100.
 ** - Separate housing or shaft not available; - for LSV-option - the designation LSV is added to the part number and the name of the part.
 *** - for LSV, LL and FR - option - the designation LSV, LL and FR is added to the part number and the name of the gerotor set.

Seal Kit for HP...U...E

Item	Spare Parts	Code No SK 41 5144 5000	Number per Motor	Stock per 1000 Motor	NOTES
3	DUST SEAL 28.5x35x2		1	30	
5	SHAFT SEAL 28.56x38x4.8/5.5 HP20		1		
6	"O" RING 45x1.5		1		
17	"O" RING 77.5x1.8		3		
26	"O" RING 9x1.8		1		
31	"O" RING 9x1,7		2		

Seal Kit for HPQ...U...E

Item	Spare Parts	Code No SK 41 5144 5100	Number per Motor	Stock per 1000 Motor	NOTES
3	DUST SEAL 28.5x35x2		1	30	
5	SHAFT SEAL 28.56x38x4.8/5.5 HP20		1		
6	"O" RING 45x1.5		1		
17	"O" RING 77.5x1.8		3		
26	"O" RING 9x1.8		1		
13	"O" RING 6x2		1		

Tightening Torques

Item	Tightening Torque, daNm [lb-in]
1	1.0÷1.2 [88÷106]
23	4÷4.2 [355÷370]
27	2÷2.3 [177÷204]
1 for HPQ...[SCREW M5x16] are sticked	1.0÷1.2 [88÷106]



