

## SPARE PARTS FOR HYDRAULIC MOTORS TYPE MR...- series 4, 41513800XX

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	Price EUR
1	<u>SCREW</u>				
	For MR (F)...(D)      M6x20-12.9	MP08V019	6	100	
	For MRQ...              M5x16-12.9	MP08V017	6	100	
	For MRQ...U            M5x16-12.9	MP08V017	8	100	
2	SPRING WASHER 6H (without MRQ...)	MP023B008	6	100	
3	DUST SEAL              28,5x35x2	MP013V021	1	*	
4	<u>SPIGOT FLANGE</u>				
	For MR(F)...	43162 027 00	1	10	
	For MR(F)...U, MR(F)...D	43162 025 00	1	10	
	For MRQ...	43162 028 00	1	10	
	For MRQ...D	43162 026 00	1	10	
	For MRQ...U	43162 029 00	1	20	
5	<u>SHAFT SEAL</u>				
	For MR(F,Q)...      QUAD-RING QRAR 04217	MP014V002	1	*	
	For MR(F,Q)... D      28,56-42-5,5	MP015V002	1	*	
	For MR(F,Q)... U      28,56x42x5,5 HP-20	MP015V048	1	*	
6	<u>"O" RING</u>				
	For MR (F)...            "O" RING 48x2	MP011V016	1	*	
	For MRQ...              CANT SEAL 47,35x1,68x1,68	MP012V007	1	*	
7	<u>THRUST WASHER</u>				
	For MR(F)...	49891 596 00	1	15	
	For MRQ...	49891 972 00	1	15	
	For MR(F)...U	49891 597 00	1	15	
	For MRQ...U	49891 598 00	1	15	
8	<u>AXIAL NEEDLE BEARING</u>				
	For MR...              AXK 28,6x45,75x3	MP10V002	1	50	
	For MR... U            ARK 28,65x42x4,5	MP10V003	1	50	
9	CASTELLATED NUT M20x1,5	MP07V014	1	5	
10	WASHER (For MR...K only)	49891 027 00	1	20	
11	<u>KEY</u>				
	For MR...CO            straight key ¼ "x ¼ "x1 ¼ "	56231 002 00	1	50	
	For MR...C              straight key A8x7x32	MP13V001	1	50	
	For MR...K              straight key B5x5x14	MP13V052	1	50	
12	<u>SHAFT **</u>				
	For MR...C              ø25 k6, straight key	41344 253 10	1	10	
	For MR...CO            ø1", straight key	41344 254 10	1	10	
	For MR...SH            splined BS 2059 (SAE 6B)	41344 255 10	1	10	
	For MR...K              tapered 1:10	41344 256 10	1	10	
	For MR...SA            splined B25x22 DIN 5482	41344 257 10	1	10	
	For MR...VC            ø25 k6, straight key	129 5400 201	1	10	
	For MR...VCO           ø1", straight key	129 5400 301	1	10	
	For MR...VSH           splined BS 2059 (SAE 6B)	129 5400 401	1	10	
	For MR...VSA           splined B25x22 DIN 5482	129 5400 501	1	10	

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	Price EUR
<b>12.1</b>	<u>SHAFT **</u>				
	For MR...C -RS	ø25 k6, straight key	41344 253 11	1	10
	For MR...CO -RS	ø1", straight key	41344 254 11	1	10
	For MR...SH -RS	splined BS 2059 (SAE 6B)	41344 255 11	1	10
	For MR...K -RS	tapered 1:10	41344 256 11	1	10
	For MR...SA -RS	splined B25x22 DIN 5482	41344 257 11	1	10
	For MR...VC -RS	ø25 k6, straight key	129 5400 211	1	10
	For MR...VCO -RS	ø1", straight key	129 5400 311	1	10
	For MR...VSH -RS	splined BS 2059 (SAE 6B)	129 5400 411	1	10
For MR...VSA -RS	splined B25x22 DIN 5482	129 5400 511	1	10	
<b>13</b>	CHECK VALVE (not for MR...U)	138 0001 100	2	20	
<b>14</b>	<u>HOUSING**</u>				
	For MR...	Housing SAE A, two holes, top ports, G1/2	51142 817 20	1	10
	For MR...M	Housing SAE A, two holes, top ports, M22x1,5	51142 818 20	1	10
	For MRF...	Housing magneto, four holes, top ports, G1/2	51142 819 20	1	10
	For MRF...M	Housing magneto, four holes, top ports, M22x1,5	51142 820 20	1	10
	For MRQ...	Housing square, four bolts, top ports, G1/2	51142 821 20	1	10
	For MRQ...M	Housing square, four bolts, top ports, M22x1,5	51142 822 20	1	10
	For MRE...(M)	Housing SAE A, two holes, rear ports, G1/2	51142 823 20	1	10
	For MRFE...(M)	Housing magneto, four holes, rear ports, G1/2	51142 825 20	1	10
	For MRQE...(M)	Housing square, four bolts, rear ports, G1/2	51142 827 20	1	10
	For MR...U	Housing SAE A, two holes, top ports, G1/2	51142 817 00	1	10
	For MR...UM	Housing SAE A, two holes, top ports, M22x1,5	51142 818 00	1	10
	For MRF...U	Housing magneto, four holes, top ports, G1/2	51142 819 00	1	10
	For MRF...UM	Housing magneto, four holes, top ports, M22x1,5	51142 820 00	1	10
	For MRQ... U	Housing square, four bolts, top ports, G1/2	51142 977 00	1	10
	For MRQ...U M	Housing square, four bolts, top ports, M22x1,5	51142 978 00	1	10
	For MRE...U (M)	Housing SAE A, two holes, rear ports, G1/2	51142 823 00	1	10
	For MRFE...U (M)	Housing magneto, four holes, rear ports, G1/2	51142 825 00	1	10
For MRQE...U(M)	Housing square, four bolts, rear ports, G1/2	51142 979 00	1	10	
<b>14.1</b>	<u>HOUSING-RS**</u>				
	For MR...RS	Housing SAE A, two holes, top ports, G1/2	51142 817 21	1	10
	For MR...M RS	Housing SAE A, two holes, top ports, M22x1,5	51142 818 21	1	10
	For MRF... RS	Housing magneto, four holes, top ports, G1/2	51142 819 21	1	10
	For MRF...M RS	Housing magneto, four holes, top ports, M22x1,5	51142 820 21	1	10

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	Price EUR
	For MRQ... RS	Housing square, four bolts, top ports, G1/2	51142 821 21	1	10
	For MRQ...M RS	Housing square, four bolts, top ports, M22x1,5	51142 822 21	1	10
	For MRE...(M) RS	Housing SAE A, two holes, rear ports, G1/2	51142 823 21	1	10
	For MRFE...(M) RS	Housing magneto, four holes, rear ports, G1/2	51142 825 21	1	10
	For MRQE...(M) RS	Housing square, four bolts, rear ports, G1/2	51142 827 21	1	10
	For MR...U RS	Housing SAE A, two holes, top ports, G1/2	51142 817 01	1	10
	For MR...UM RS	Housing SAE A, two holes, top ports, M22x1,5	51142 818 01	1	10
	For MRF...U RS	Housing magneto, four holes, top ports, G1/2	51142 819 01	1	10
	For MRF...UM RS	Housing magneto, four holes, top ports, M22x1,5	51142 820 01	1	10
	For MRQ... U RS	Housing square, four bolts, top ports, G1/2	51142 977 01	1	10
	For MRQ...U M RS	Housing square, four bolts, top ports, M22x1,5	51142 978 01	1	10
	For MRE...U (M) RS	Housing SAE A, two holes, rear ports, G1/2	51142 823 01	1	10
	For MRFE...U (M) RS	Housing magneto, four holes, rear ports, G1/2	51142 825 01	1	10
	For MRQE...U(M) RS	Housing square, four bolts, rear ports, G1/2	51142 979 01	1	10
<b>15</b>	PLUG	G ½ - DIN (for MR...E)	MP17V014	2	100
<b>16</b>	WASHER	21x26 (for MR...E)	49891 564 00	2	100
<b>17</b>	<u>CARDAN SHAFT</u>				
	For MR... 50	L=77 mm	46457 132 00	1	10
	For MR... 80	L=82 mm	46457 133 00	1	10
	For MR...100	L=85 mm	46457 134 00	1	10
	For MR...125	L=90 mm	46457 138 00	1	10
	For MR...160	L=96 mm	46457 139 00	1	10
	For MR...200	L=103 mm	46457 141 00	1	10
	For MR...250	L=111 mm	46457 142 00	1	10
	For MR...315	L=123 mm	46457 144 00	1	10
	For MR...400	L=138 mm	46457 147 00	1	10
<b>18</b>	"O" RING	90x2	MP011V027	3	*
<b>19</b>	DISTRIBUTOR PLATE		43142 002 00	1	10
<b>20</b>	<u>ROLL-GEROTOR SET MR</u>				
	For MR 50	W=9,0 mm	129 5400 100	1	10
	For MR 80	W=14,0 mm	129 5400 110	1	10
	For MR 100	W= 17,4 mm	129 5400 120	1	10
	For MR 125	W= 21,8 mm	129 5400 130	1	10
	For MR 160	W= 27,8 mm	129 5400 140	1	10
	For MR 200	W= 34,8 mm	129 5400 150	1	10
	For MR 250	W= 43,5 mm	129 5400 160	1	10
	For MR 315	W= 54,8 mm	129 5400 170	1	10
	For MR 400	W= 69,4 mm	129 5400 180	1	10
<b>21</b>	<u>END COVER</u>				
	For MR ...	top ports, G 1/2	43142 038 00	1	10

Item	Spare Parts	Code No	Number per Motor	Stock per 1000 Motor	Price EUR
	For MR ...M top ports, M 22x1,5	43142 107 00	1	10	
	For MR ...E rear ports, G 1/2	48443 012 00	1	10	
	For MR ...E...M rear ports, M22x1,5	48443 026 00	1	10	
<b>22</b>	<u>END COVER (only for version "1")</u>				
	For MR ... 1 top ports, G 1/2	43142 727 00	1	10	
	For MR ...E...1 rear ports, G 1/2	48443 032 00	1	10	
	For MR ...E...1M rear ports, M22x1,5	48443 033 00	1	10	
<b>23</b>	<u>WASHER 8x12</u>				
	For MR...	49891 500 00	7	1200	
	For MR...E	49891 500 00	5	1000	
	For MR... U	49891 992 00	7	1200	
	For MR...UE	49891 992 00	5	1000	
<b>24</b>	<u>SCREW M8x1xL</u>				
	For MR... 50 L=40 mm	MP08V003	7	40	
	For MR... E 50 L=45 mm	MP08V004	5	30	
	For MR... 80 L=45 mm	MP08V004	7	40	
	For MR... E 80 L=50 mm	MP08V005	5	30	
	For MR...100 L=50 mm	MP08V005	7	40	
	For MR...E 100 L=55 mm	MP08V006	5	30	
	For MR...125 L=55 mm	MP08V006	7	40	
	For MR...E 125 L=60 mm	MP08V007	5	30	
	For MR...160 L=60 mm	MP08V007	7	40	
	For MR...E 160 L=65 mm	MP08V008	5	30	
	For MR...200 L=65 mm	MP08V008	7	40	
	For MR...E 200 L=70mm	MP08V009	5	30	
	For MR...250 L=75 mm	MP08V010	7	40	
	For MR...E 250 L=80 mm	MP08V011	5	30	
	For MR...315 L=85 mm	MP08V012	7	40	
	For MR...E 315 L=90 mm	MP08V013	5	30	
	For MR...400 L=100 mm	MP08V014	7	40	
	For MR...E 400 L=105 mm	MP08V177	5	30	
<b>25</b>	<u>NAME PLATE</u>				
	For MR...	49961 890 00	1	10	
	For MR...E	49961 888 00	1	10	
<b>26</b>	<u>RIVET</u>	MP08B057	2	100	
<b>27</b>	<u>WASHER (not for version "1")</u>				
	For MR... 13x17	49891 566 00	1	100	
	For MR...M 14x18	MP021B003	1	100	
<b>28</b>	<u>PLUG (not for version "1")</u>				
	For MR... G 1/4	MP17V001	1	100	
	For MR...M M14x1,5	MP17V004	1	100	
<b>29</b>	<u>SPACER (for MR...E only)</u>	49891 940 00	1	40	
<b>30</b>	<u>PLUG 9 (for MR...RS only)</u>	MP065014	1	10	

**NOTES:** \* - Contained in Seal Kits. Code 41 5127 5000, 41 5127 5180, 415127 5009, 41 5127 5189, 41 5127 5018, 41 5127 5198.

\*\* - Separate housing or shaft not available.

**Seal Kit for MR(F) ...- series 4**

Item	Spare Parts 41 5127 5000 Seal Kit for MR(F) ...- series 4		Code No 41 5127 5000	Number per Motor	Stock per 1000 Motors	Price EUR
3	DUST SEAL	28,5x35x2		1	30	
5	QUAD-RING	QRAR 04217		1		
6	"O" RING	48x2		1		
18	"O" RING	90x2		3		

**Seal Kit for MRQ ...- series 4**

Item	Spare Parts		Code No 41 5127 5180	Number per Motor	Stock per 1000 Motors	Price EUR
3	DUST SEAL	28,5x35x2		1	30	
5	QUAD-RING	QRAR 04217		1		
6	CANT SEAL	47,35x1,68x1,68		1		
18	"O" RING	90x2		3		

**Seal Kit for MR(F) ... D- series 4**

Item	Spare Parts 41 5127 5009 Seal Kit for MR(F) ... D- series 4		Code No 41 5127 5009	Number per Motor	Stock per 1000 Motors	Price EUR
3	DUST SEAL	28,5x35x2		1	30	
5	SHAFT SEAL	28,56-42-5,5		1		
6	"O" RING	48x2		1		
18	"O" RING	90x2		3		

**Seal Kit for MRQ ...D- series 4**

Item	Spare Parts		Code No 41 5127 5189	Number per Motor	Stock per 1000 Motors	Price EUR
3	DUST SEAL	28,5x35x2		1	30	
5	SHAFT SEAL	28,56-42-5,5		1		
6	CANT SEAL	47,35x1,68x1,68		1		
18	"O" RING	90x2		3		

**Seal Kit for MR(F) ... U- series 4**

Item	Spare Parts		Code No 41 5127 5018	Number per Motor	Stock per 1000 Motors	Price EUR
3	DUST SEAL	28,5x35x2		1	30	
5	SHAFT SEAL	28,56x42x5,5 HP-20		1		
6	"O" RING	48x2		1		
18	"O" RING	90x2		3		

**Seal Kit for MRQ...U- series 4**

Item	Spare Parts		Code No 41 5127 5198	Number per Motor	Stock per 1000 Motors	Price EUR
3	DUST SEAL	28,5x35x2		1	30	
5	SHAFT SEAL	28,56x42x5,5 HP-20		1		
6	CANT SEAL	47,35x1,68x1,68		1		
18	"O" RING	90x2		3		

**Tightening Torques**

Item	Tightening, daNm
1	0,6÷0,8 (1,0÷1,2 for "U")
9	9÷11
15	3÷3,5
24	3÷3,5 (4,0÷4,2 for "U")
28	2÷2,5
1 for MRQ...[SCREW M5x16] are sticked	0,6÷0,8

