

Item	Spare Parts	Code No	Number per Brake	Stock per 1000 Brakes	NOTES	
	For LB/288 SH - SH	41324 079 00	1	10		
	For LB/288 SB - C	41324 080 00	1	10		
	For LB/288 SB - SA	41324 081 00	1	10		
	For LB/288 SB - KB	41324 082 00	1	10		
	For LB/288 SB - CO	41324 083 00	1	10		
	For LB/288 SB - CB	41324 084 00	1	10		
	For LB/288 SB - SH	41324 085 00	1	10		
	For LBS/289... CB	41324 086 00	1	10		
	For LBS/289... KB	41324 087 00	1	10		
	For LBS/289... SH	41324 146 00	1	10		
	For LBS/290... KB	41324 088 00	1	10		
	For LBS/290... CB	41324 089 00	1	10		
	For LBS/290... SH	41324 147 00	1	10		
	For LBV/289... KB	41324 090 00	1	10		
	For LBV/289... CB	41324 091 00	1	10		
	For LBV/289... SH	41324 148 00	1	10		
	For LBV/290... KB	41324 092 00	1	10		
	For LBV/290... CB	41324 093 00	1	10		
	For LBV/290... SH	41324 149 00	1	10		
12	BACK UP RING	109x114.2x1.4	MP062V018	2	*	
13	"O" RING	109.5x3	MP011V081	2	*	
14	STEEL DISC		51142 794 00	7	350	
15	SINTER DISC		129 1096 100	6	300	
16	BUSHING		49891 976 00	1	50	
17	BACK UP RING	91x96.2x1.4	MP062V017	1	*	
18	"O" RING	91x3	MP011V080	1	*	
19	<u>BALANCE PLATE</u>					
	For LB...	7/14/21	45342 114 00	1	15	
	For LB...	32	45342 115 00	1	15	
	For LB...	43	45342 116 00	1	15	
	For LB...	63	45342 117 00	1	15	
20	<u>WASHER**</u>					
		δ = 0,3 mm	49891 935 00	-	200	
		δ = 0,4 mm	49891 936 00	-	200	
		δ = 0,5 mm	49891 937 00	-	200	
21	SPRING***		59113 539 00	-	1000	Show the Appendix
22	"O" RING	114.02x1.78	MP011V076	1	*	
23	<u>FLANGE</u>					
	For LB/288...		43142 840 00	1	100	
	For LBS/289, 290...		43142 841 00	1	100	
	For LBV/289, 290...		43142 842 00	1	100	
24	<u>SCREW</u>					
	For LB/288...	M8x30	MP08V058	8	400	
	For LBS 289(290)	M8x40	MP08V021	8	400	

Item	Spare Parts	Code No	Number per Brake	Stock per 1000 Brakes	NOTES
	and LBV 289(290)				
25	"O" RING (for LB/288 only) 82x2	MP011V026	1	*	
26	SEAL PLUG G 1/4	41 5300 0007	2	100	
27	WASHER				
	For LB/... and LBS/... 13x17	MP021B033	3	200	
	For LBV/... 13x17	MP021B033	4	200	
28	PLUG				
	For LB/... and LBS/... G 1/4	MP17V001	3	200	
	For LBV/... G 1/4	MP17V001	4	200	
29	RIVET 2x5	MP08B057	2	200	
30	NAME PLATE	49961 871 00	1	50	
31	SHAFT SEAL 35x48x5.5	MP015V006	1	*	
32	SPRING***	59113 553 00	-	100	Show the Appendix

NOTES:

- * - Contained in Seal Kit. Code No 41 5129 8320, No 41 5129 0090.
- ** - The right number of washer is determined from number of holes into the balance plate.
- *** - Show Appendix 1.

Seal Kit for Hydraulic Brake Type LB/288... - series 5

Item	Spare Parts	Code No 415129 8320	Number per Brake	Stock per 1000 Brakes	NOTES
5	SHAFT SEAL A35x72x12		1	50	
12	"O" RING 109.5x3		2		
13	BACK UP RING 109x114.2x1.4		2		
17	BACK UP RING 91x96.2x1.4		1		
18	"O" RING 91x3		1		
22	"O" RING 114.02x1.78		1		
25	"O" RING 82x2		1		

Seal Kit for Hydraulic Brake Type LBS/289, 290... and LBV/289, 290... - series 5

Item	Spare Parts	Code No 41 5129 0090	Number per Brake	Stock per 1000 Brakes	NOTES
2	DUST SEAL 35x42x2		1	50	
5	SHAFT SEAL 35x48x5.5 WA5		1		
12	"O" RING 109.5x3		2		
13	BACK UP RING 109x114.2x1.4		2		
17	BACK UP RING 91x96.2x1.4		1		
18	"O" RING 91x3		1		
22	"O" RING 114.02x1.78		1		
35	SHAFT SEAL 35x48x5.5		1		

Tightening Torque

Item	Tightening Torque [daNm]
3	19÷21
24	2.5÷3.0
29	2.0÷2.5

Appendix 1

Brake	Spring Item No36	Spring Item No 21	Opening Pressure		Static Torque*
	59113 553 00	59113 539 00	min	max	
			bar		daNm
LB/288-7	6	-	4÷5	300	6÷8
LB/288-14	9	-	8÷9	300	13÷15
LB/288-21		6			
LB.../289-21		6	12÷13	300	20÷22
LB.../290-21		6			
LB/288-32		9			
LB.../289-32		9	18÷20	300	31÷34
LB.../290-32		9			
LB/288-43		12			
LB.../289-43		12	24÷26	300	41÷45
LB.../290-43		12			
LB/288-63		18			
LB.../289-63		18	36÷39	300	60÷65
LB.../290-63		18			

* Static torque is obtained at working pressure - 0 bar.

ATTENTION:

1. ** In all brakes sinter discs and friction discs should be lubricated. Space is filled with 50÷120 cm³ mineral oil HLP (DIN 51524) or HM (ISO 6743/4).

2. Hydraulic brake is delivered without oil (it is lubricated only).

** For LB/288 fill oil after hydraulic motor assembly.





