

SM245 TWO POST HOIST

UNIVERSAL 4.5 TONNE ELECTRO-HYDRAULIC TWO POST HOIST

Spare Parts Manual



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PART OF THE
STENHØJ GROUP

Updated 15/4/21

**Before
taking into operation
check system compo-
nents, control, emer-
gency stop and safety
equipment for condi-
tion, damage and
correct function!**



MOLNAR

PART OF THE STENHØJ GROUP

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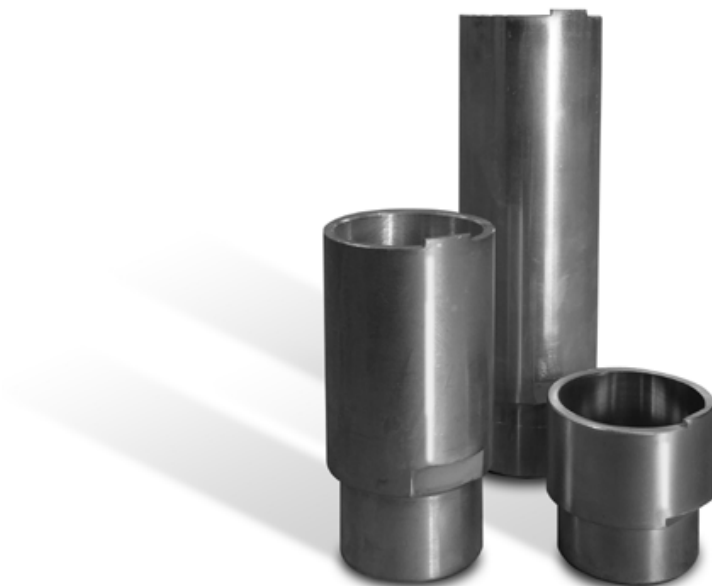
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SM Series Pad Extensions

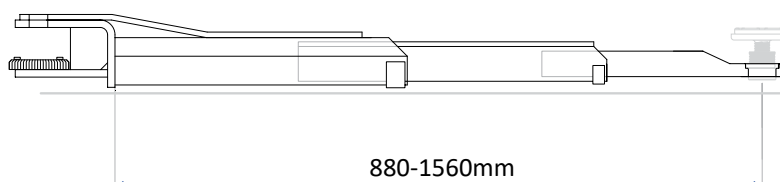
Suits SM245, SB40 and SM270 Hoists



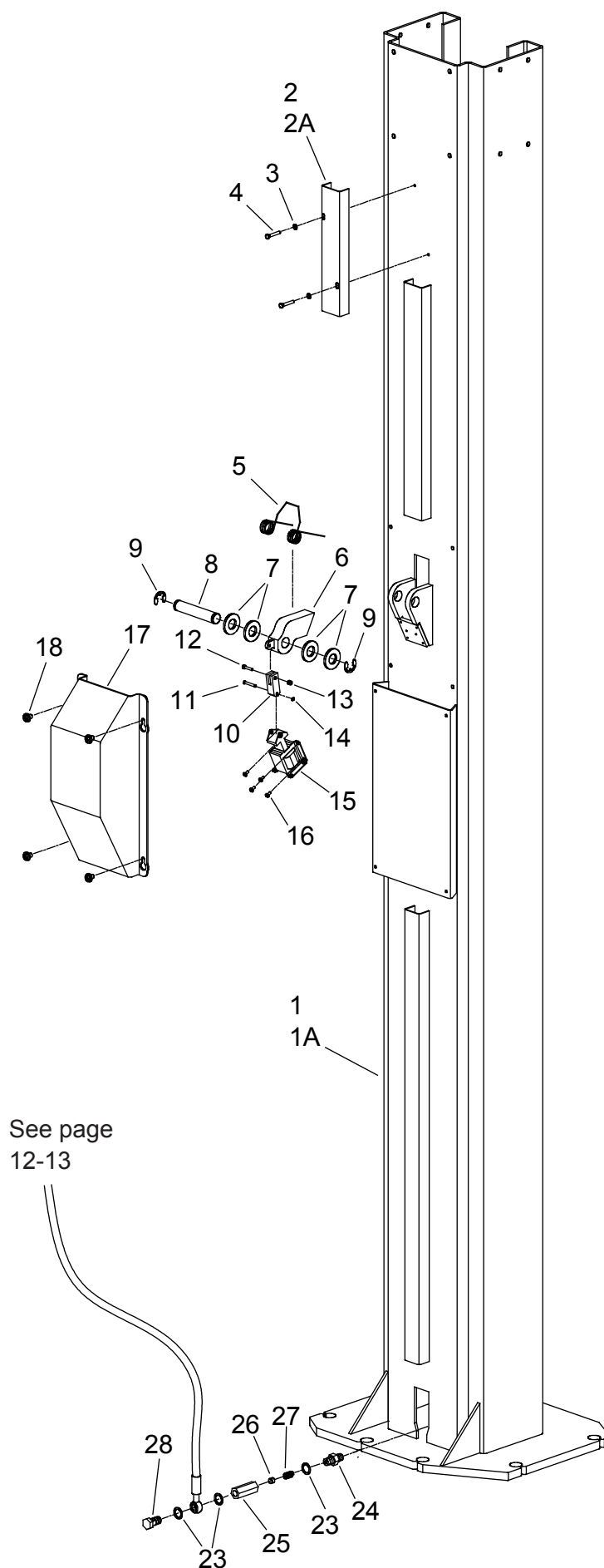
- Pad Extension Set of 4 * 40 mm Height
Part Number: **SM245-A-17-40mm**
- Pad Extension Set of 4 * 55 mm Height
Part Number: **SM245-A-17-55mm**
- Pad Extension Set of 4 * 100 mm Height
Part Number: **SM245-A-16**
- Pad Extension set of 4 * 187 mm Height
Part Number: **SM245-A-17**

SM245 Extra Long Arm Set

- Extra Long Rear Arm Set for Wide Configuration Hoist
Part Number: **SM245-SLA**

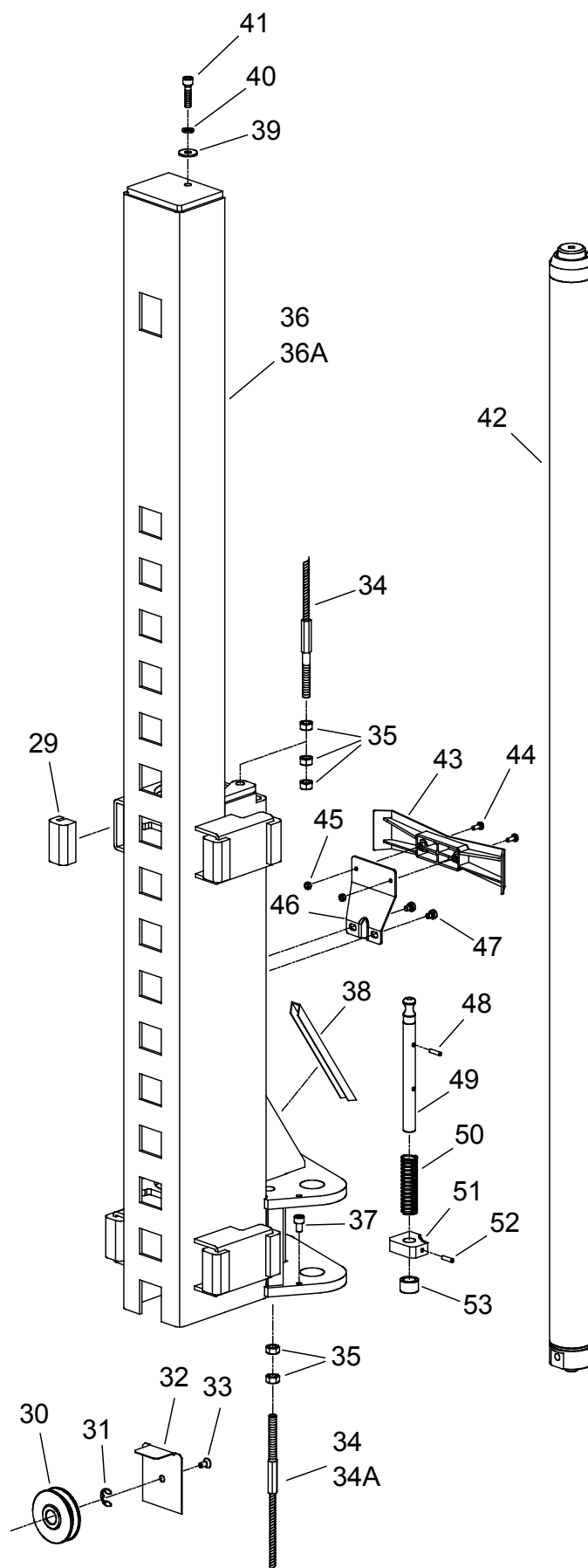


POST



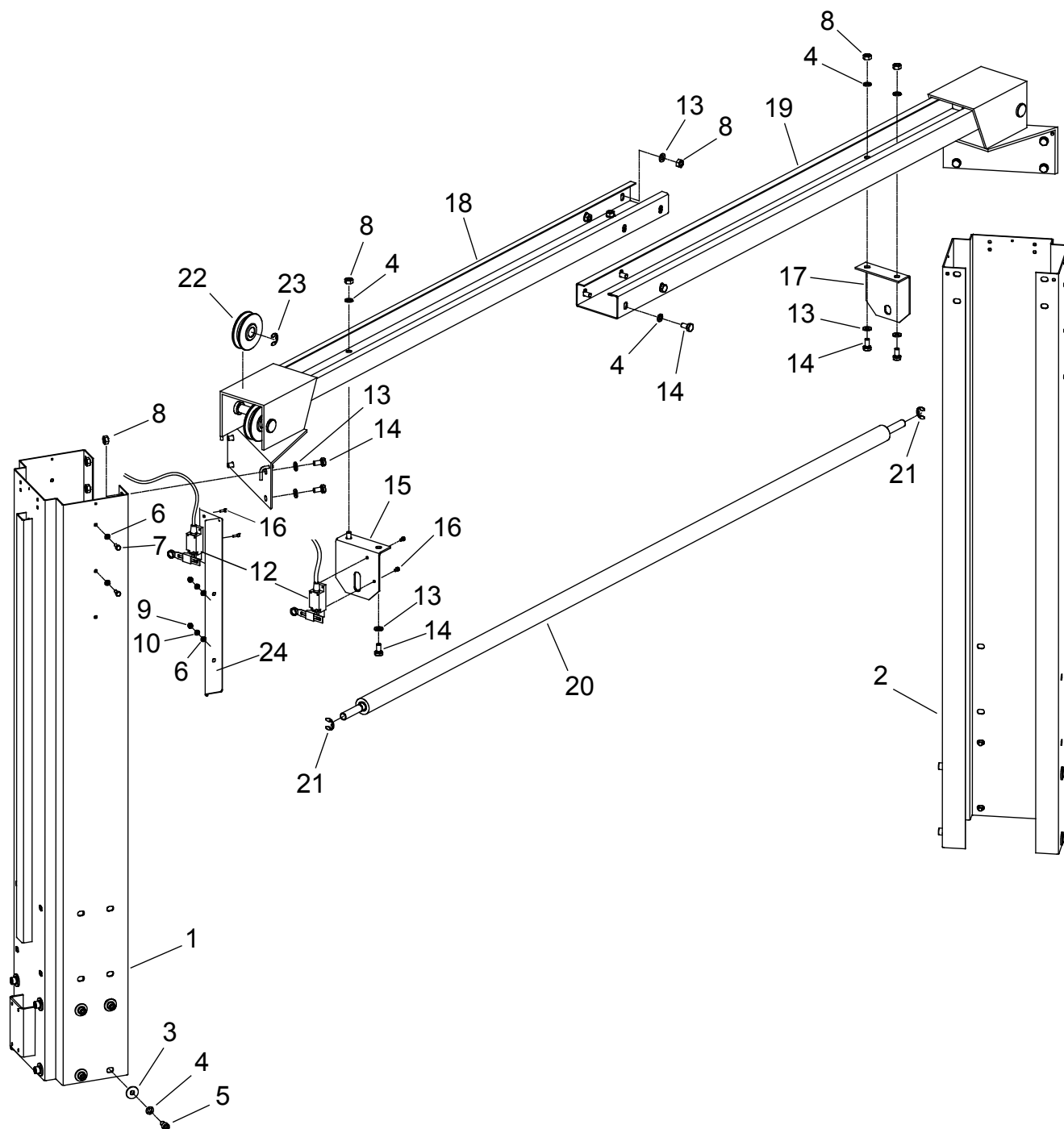
SM245		Molnar Universal 2 Post Hoist			5 / 16
POST					
ITEM	QTY.	NO.	DESIGNATION		SPECIFICATIONS
1	1	SM245-P-1	Control post		
1A	1	SM245-P-1A	Opposite post		
2	1	SM245-P-2	Cable cover - control post		
2A	1	SM245-P-2A	Cable cover - opposite post		
3	4	SM245-P-3	Washer		Ø5
4	4	SM245-P-4	Screw		M5x30
5	2	SM245-P-5	Spring		
6	2	SM245-P-6	Ratchet		
7	8	SM245-P-7	Washer		Ø20.2xØ40x3.5
8	2	SM245-P-8	Axle		
9	4	SM245-P-9	Seeger circlip ring		
10	2	SM245-P-10	Bracket		
11	2	SM245-P-11	Pin		
12	2	SM245-P-12	Screw		M4x20
13	2	SM245-P-13	Nut		M4
14	2	SM245-P-14	Retaining ring		
15	2	SM245-P-15	Solenoid coil		
16	8	SM245-P-16	Screw		
17	2	SM245-P-17	Cover		
18	8	SM245-P-18	Screw		M8x8
		SM245-P-SLK	Safety Lock Kit (includes items 5 to16)		
23	6	SM245-P-23	Washer		
24	2	SM245-P-24	Union		
25	2	SM245-P-25	Housing for flow restricting valve		
26	2	SM245-P-26	Flow restricting valve		
27	2	SM245-P-27	Spring		
28	2	SM245-P-28	Union		M14x10
		SM245-P-29	Cylinder connector assembly (includes items 23 to 28)		

CARRIAGE - CYLINDER



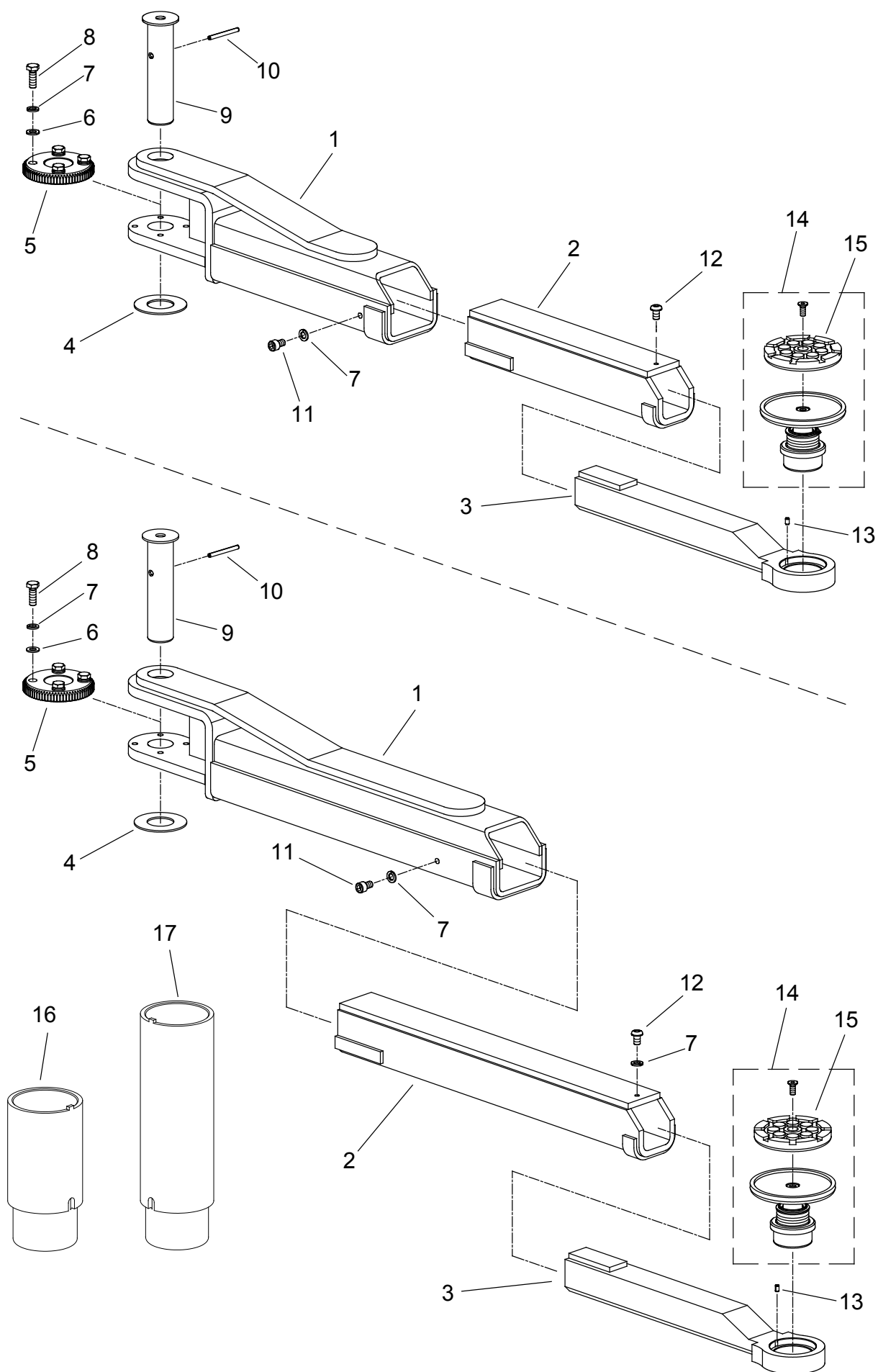
SM245		Molnar Universal 2 Post Hoist			7 / 16
CARRIAGE - CYLINDER					
ITEM	QTY.	NO.	DESIGNATION		SPECIFICATIONS
29	16	SM245-C-29	Slide block		
30	2	SM245-C-30	Cable pulley		
31	2	SM245-C-31	Seeger circlip ring		
32	2	SM245-C-32	Cover plate		
33	2	SM245-C-33	Screw		M8x16
34	2	SM245-C-34	See detail below*		
35	10	SM245-C-35	Cable nut		M12
36	1	SM245-C-36	Carriage - control post		
36A	1	SM245-C-36A	Carriage - opposite post		
37	2	SM245-C-37	Screw		M10x16
38	2	SM245-C-38	Rubber cover for carriage		
39	2	SM245-C-39	Washer		Ø10
40	2	SM245-C-40	Spring washer		Ø10
41	2	SM245-C-41	Screw		M10x40
42	2	SM245-C-42	Cylinder cpl. A-Version*		
	2	SM245B-C-42	Cylinder cpl. B-Version*		
43	2	SM245-C-43	Door stop		M6x16
44	4	SM245-C-44	Taptite		M6
45	4	SM245-C-45	Nut		
46	2	SM245-C-46	Bracket		M8x10
47	4	SM245-C-47	Screw		Ø6x20
48	4	SM245-C-48	Retaining pin		2.10
49	4	SM245-C-49	Axle		Ø26.6xØ1.8x130
50	4	SM245-C-50	Spring		
51	4	SM245-C-51	Bracket		Ø
52	4	SM245-C-52	Retaining pin		Ø30xØ20.5x16
53	4	SM245-C-53	Distance ring		
		SM245-C-54	Seal kit for A ver. Cylinder		
		SM245B-C-54	Seal kit for B ver. Cylinder		
		SM245-C-BS	Cylinder Bleed Screw and Washer		
			Cable Info:		
			SM245A-C-34 CABLE L = 9930MM (Standard Cable for SM245-A)		
			SM245-A-WIDE/HIGH KIT HIGH AND WIDE FITTING KIT for SM245-A		
			SM245B-C-34 CABLE SET L = 9950MM (Standard Cable for SM245-B and SM245-K)		
			SM245-B-WIDE/HIGH KIT HIGH AND WIDE FITTING KIT for SM245-B		
			*Please provide hoist serial number when ordering new cables or cylinders/ seal kits from Molnar, we can double check the correct cylinder/cable for your hoist.		

EXTENSION



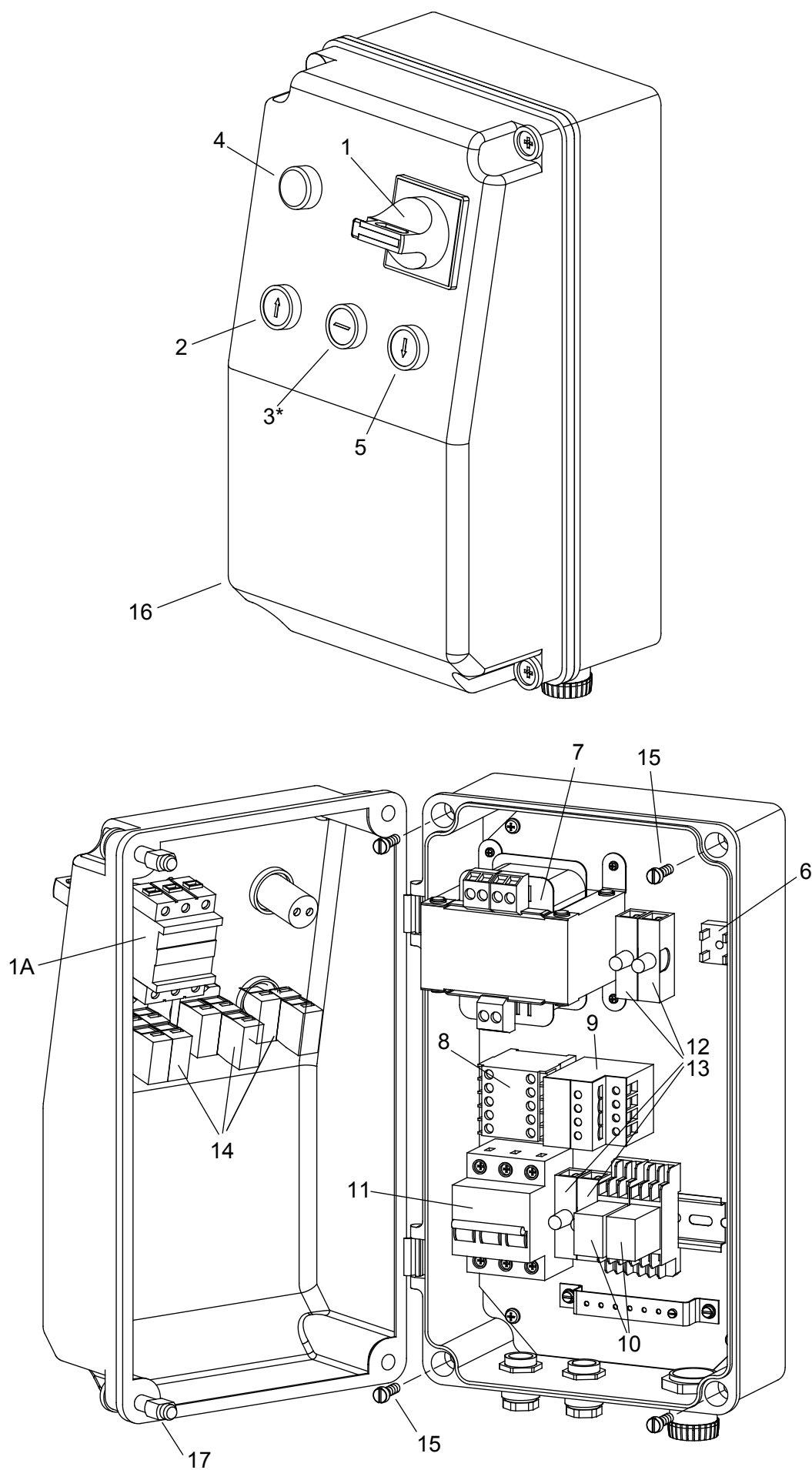
SM245		Molnar Universal 2 Post Hoist			9 / 16
EXTENSION					
ITEM	QTY.	NO.	DESIGNATION		SPECIFICATIONS
1	1	SM245-E-1	Post extension - control post		
2	1	SM245-E-2	Post extension - opposite post		
3	24	SM245-E-3	Washer		
4	34	SM245-E-4	Spring washer		
5	24	SM245-E-5	Screw		M10x16
6	4	SM245-E-6	Washer		
7	2	SM245-E-7	Screw		M6x16
8	18	SM245-E-8	Nut		M10
9	2	SM245-E-9	Nut		M6
10	2	SM245-E-10	Spring washer		
12	2	SM245-E-12	Top limit switch / height limit switch		
13	12	SM245-E-13	Washer		
14	18	SM245-E-14	Screw		M10x20
15	1	SM245-E-15	Bracket		
16	4	SM245-E-16	Screw		M5x8
17	1	SM245-E-17	Bracket		
18	1	SM245-E-18	Portal - inner section		
19	1	SM245-E-19	Portal - outer section		
20	1	SM245-E-20	Rod for height limit switch cpl.		
21	2	SM245-E-21	Retaining ring		
22	4	SM245-E-22	Cable pulley		
23	4	SM245-E-23	Seeger circlip ring		
24	1	SM245-E-24	Bracket		

ARMS



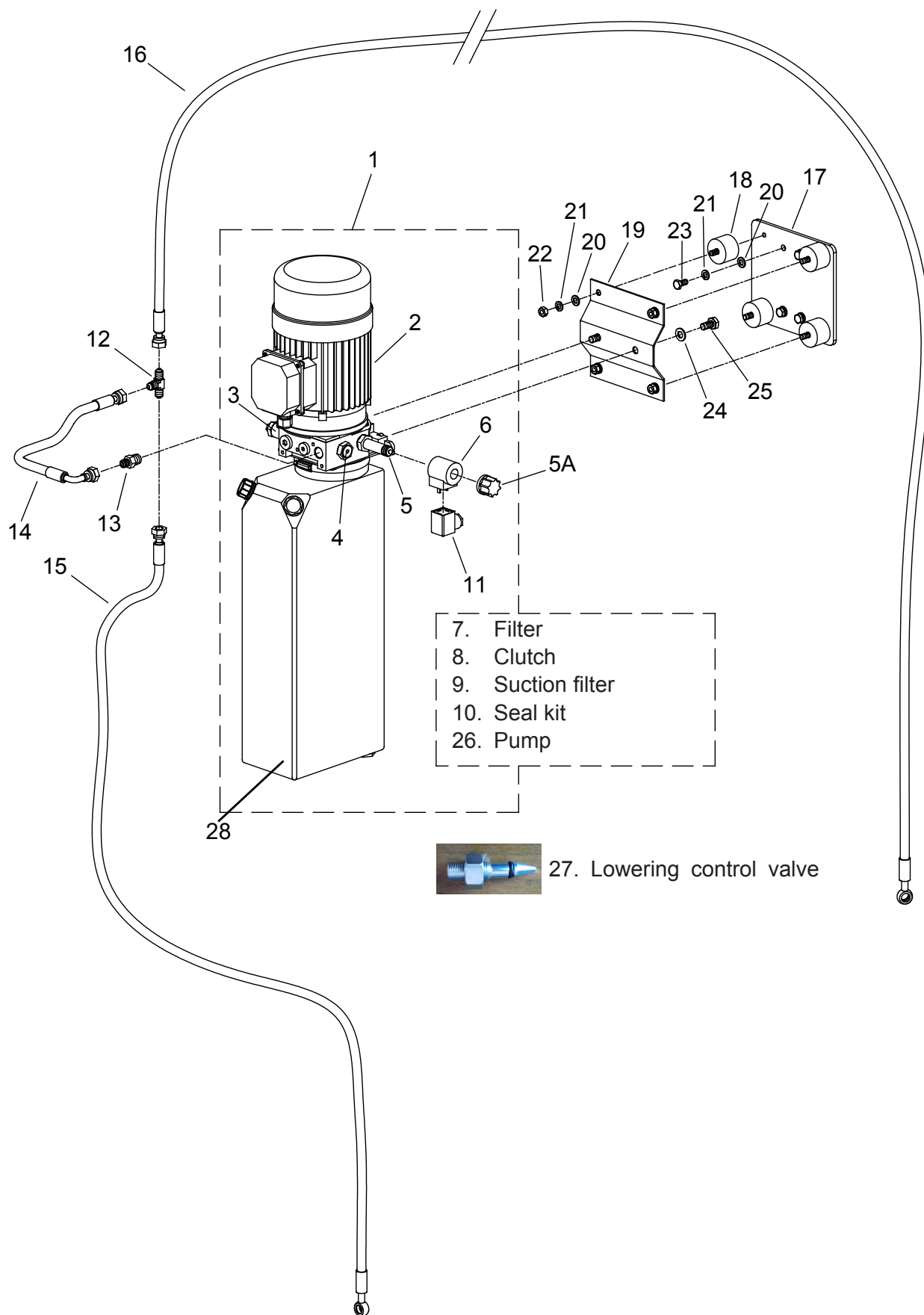
SM245		Molnar Universal 2 Post Hoist			11 / 16
ARM SET					
ITEM	QTY.	NO.	DESIGNATION		SPECIFICATIONS
			Short arm		
1	2	SM245-AS-1	Inner section, short arm		
2	2	SM245-AS-2	Central section, short arm		
3	2	SM245-AS-3	Outer section, short arm		
4	4	SM245-A-4	Distance washer		
5	4	SM245-A-5	Arm lock		
6	16	SM245-A-6	Washer		
8	16	SM245-A-8	Screw		M10x35
9	4	SM245-A-9	Axle		
10	4	SM245-A-10	Retaining pin		Ø6x50
11	4	SM245-A-11	Screw		M10x16
12	4	SM245-A-12	Screw		M8x16
13	4	SM245-A-13	Retaining pin		Ø6x10
14	4	SM245-A-14	Double Flex-pad cpl.		
15	4	SM245-A-15	Supporting pad		
16	4	SM245-A-16	Extension for pad - set of 4 100mm		
17	4	SM245-A-17	Extension for pad - set of 4 187mm		
18	2	SM245-AS	Short arm assy Excl. item 4,9,10,16,17		
			Long arm		
1	2	SM245-AL-1	Inner section,long arm		
2	2	SM245-AL-2	Central section, long arm		
3	2	SM245-AL-3	Outer section, long arm		
4	2	SM245-AL	Long arm assy Excl. item 4,9,10,16,17		

POWER CONTROL



SM245		Molnar Universal 2 Post Hoist			13 / 16
POWER CONTROL					
ITEM	QTY.	NO.	DESIGNATION		SPECIFICATIONS
1,1A 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	1	SM245-PC-3PH	Control unit cpl.		400/3/50
		SM245-PC-1PH	Control unit cpl.		240/1/50
	1	SM245-PC-1	Main switch		
	1	SM245-PC-2	UP Button		
	1	SM245-PC-3	Park Button*		
	1	SM245-PC-4	Lamp		
	1	SM245-PC-5	Down Button		
	1	SM245-PC-6	Rectifier		
	1	SM245-PC-7	Transformer		
	1	SM245-PC-8	Contactor		
	1	SM245-PC-9	Overload		
	2	SM245-PC-10	Relay		
	1	SM245-PC-11	Circuit breaker		
	4	SM245-PC-12	Fuse holder		F1, F2, F3, F4
	4	SM245-PC-13	Fuse		
	7	SM245-PC-14	Contact element		AC NC
	4	SM245-PC-15	Screw		M6x20
1	SM245-PC-16	Control box			
2	SM245-PC-17	Control box plastic screw			
			*Park Button Removed from Serial number 2G4D4989 Onwards		

Motor



SM245		Molnar Universal 2 Post Hoist			15 / 16
MOTOR					
ITEM	QTY.	NO.	DESIGNATION		SPECIFICATIONS
1	1	SM245-M-1	Pump unit cpl. - 3PH		230-400/3/50
2	1	SM245-M-2	Motor		2,2kW
3	1	SM245-M-3	Pressure control valve		
4	1	SM245-M-4	Non return valve		
5-5A	1	SM245-M-5	Valve insert		
6	1	SM245-M-6	Coil		
7	1	SM245-M-7	Filter		
8	1	SM245-M-8	Clutch		
9	1	SM245-M-9	Suction filter		
10	1	SM245-M-10	Seal kit		
11	1	SM245-M-11	Plug		
12	1	SM245-M-12	T-union		
13	1	SM245-M-13	Hexagon nipple		
14	1	SM245-M-14	Hydraulic hose L=500mm		
15	1	SM245-M-15	Hydraulic hose L=2780mm		
16	1	SM245-M-16	Hydraulic hose L=7910mm		
16A	1	SM245-M-16A	Hydraulic hose L=8410mm		
17	1	SM245-M-17	Plate		
18	4	SM245-M-18	Rubber shock absorber		
19	1	SM245-M-19	Motor mounting plate		
20	8	SM245-M-20	Washer		
21	8	SM245-M-21	Spring washer		
22	4	SM245-M-22	Nut		M8
23	4	SM245-M-23	Screw		M8x16
24	2	SM245-M-24	Washer		M10
25	2	SM245-M-25	Screw		M10x20
26	1	SM245-M-26	Pump		
27	1	SM245-M-27	Lowering control valve		
		SM245-M-1A	Pump unit cpl. - 1PH		240/1/50
28	1	SM245-M-OT	Oil Tank 10L (SM245-B)		