



G系列2-3.5t

内燃平衡重式叉车

Counterbalanced Type Forklift Truck with Engine

零件目录

PARTS MANUAL

HELI 安徽合力股份有限公司
ANHUI HELI CO., LTD.

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图19/FIG. 19

冷却系统/COOLING SYSTEM

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	G2B62-10001	D06	Cooling system 冷却系统	1	
01	22252-32251	00	Washer 垫片	2	
02	A22A2-12001	00	Rubber 橡胶垫 I	2	
03	A22A2-12031	00	Rubber 橡胶垫 II	2	
04	A22A2-12041	00	Bolt 螺栓	2	
05	B4023-00008	00	Nut 螺母M8	2	GB6184-86
06	B5050-00006	00	Washer 垫圈6	2	GB93-87
07	B5310-00010	00	Washer 垫圈10	2	GB97.1-85
08	H24C2-10201	01	Tank 副水箱	1	
09	H24C2-12011	02	Bracket 支架	1	
10	G2B62-10401	D00	Radiator 水箱总成	1	标配 Normal
-	G2B62-10301	D00	Radiator 水箱总成	1	选配 Option
11	H24C2-12021	D00	Hose 出水管	1	
12	H2A22-12011	01	Hose,upper 上水管	1	
13	Z4590-00014	00	Clip 双钢丝卡箍Φ14	2	
14	Z4590-00045	00	Clip 双钢丝卡箍Φ45	4	
15	Z7400-08020	00	Pipe,vinyl 透明胶管Φ8x200	1	
16	Z7500-08190	00	Hose 橡胶管Φ8x1900	1	
17	B0330-06016	00	Bolt 螺栓M6x16	2	GB5783-86
18	G2FB7-62061	01	Clip 管夹22	3	
19	D03XK0367	00	Clip 线束固定卡	1	

CPQD20,25,30,35-Rc2G
CPQD20,25,30,35-Rc3G

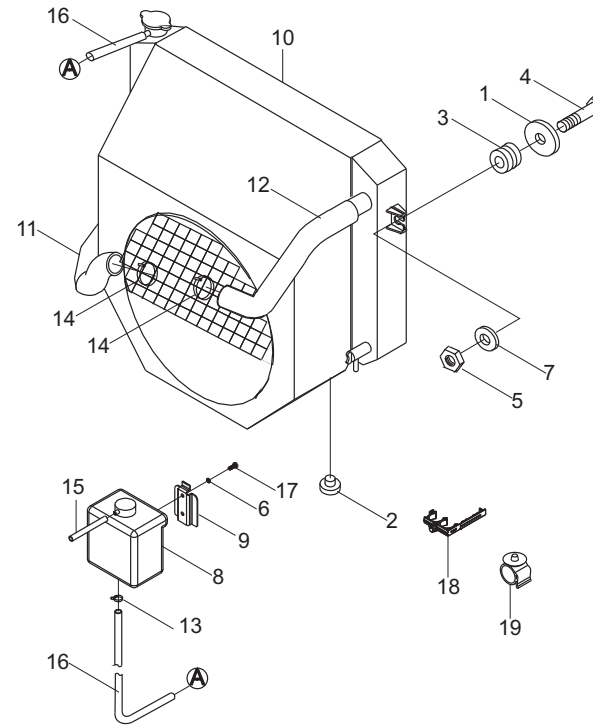


图28/FIG. 28

排气系统/EXHAUST SYSTEM

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	G2H32-30001	D05	Exhaust system 排气系统	1	2t,2.5t
-	G2L32-30001	D05	Exhaust system 排气系统	1	3t,3.5t
01	HRG2H32341 G2H32-30702	D04	MuffLer 抗阻复合消声器	1	2t,2.5t
-	HRG2T32341 G2T32-30802	D03	MuffLer 抗阻复合消声器	1	3t,3.5t
-	HRG2H32341 E2H32-30601	D04	MuffLer 净化消声器	1	2t,2.5t
-	HRG2T32341 E2T32-30101	D03	MuffLer 净化消声器	1	3t,3.5t
-	G2H32-30601	D00	MuffLer 灭火消声器总成	1	2t,2.5t
-	G2T32-30601	D00	MuffLer 灭火消声器总成	1	3t,3.5t
02	22252-32241	00	Rubber 橡胶垫	4	
03	G2L32-30201	01	Pipe ass'y 排气管总成	1	
04	H25N2-32001	03	Gasket 垫片	1	
05	G2L32-32051	D00	Bolt 螺栓	2	
06	B4023-00008	00	Nut 螺母M8	2	GB6184-86
07	22252-32251	00	Gasket 垫片	2	
08	B5050-00010	00	Lock washer 垫圈10	2	GB93-87
09	B0330-08035	00	Bolt 螺栓M8x35	2	2t,2.5t GB5783-86
-	B0330-08030	00	Bolt 螺栓M8x30	2	3t,3.5t GB5783-86
10	B4223-00010	00	Nut 螺母M10x1.25	2	GB6171-86
11	B5210-00010	00	Washer 垫圈10	2	GB96-85
12	B4116-00008	00	Nut 螺母M8	2	GB6170-86
13	B5050-00008	00	Lock washer 垫圈8	2	GB93-87
14	B5310-00008	00	Washer 垫圈8	2	GB97.1-85

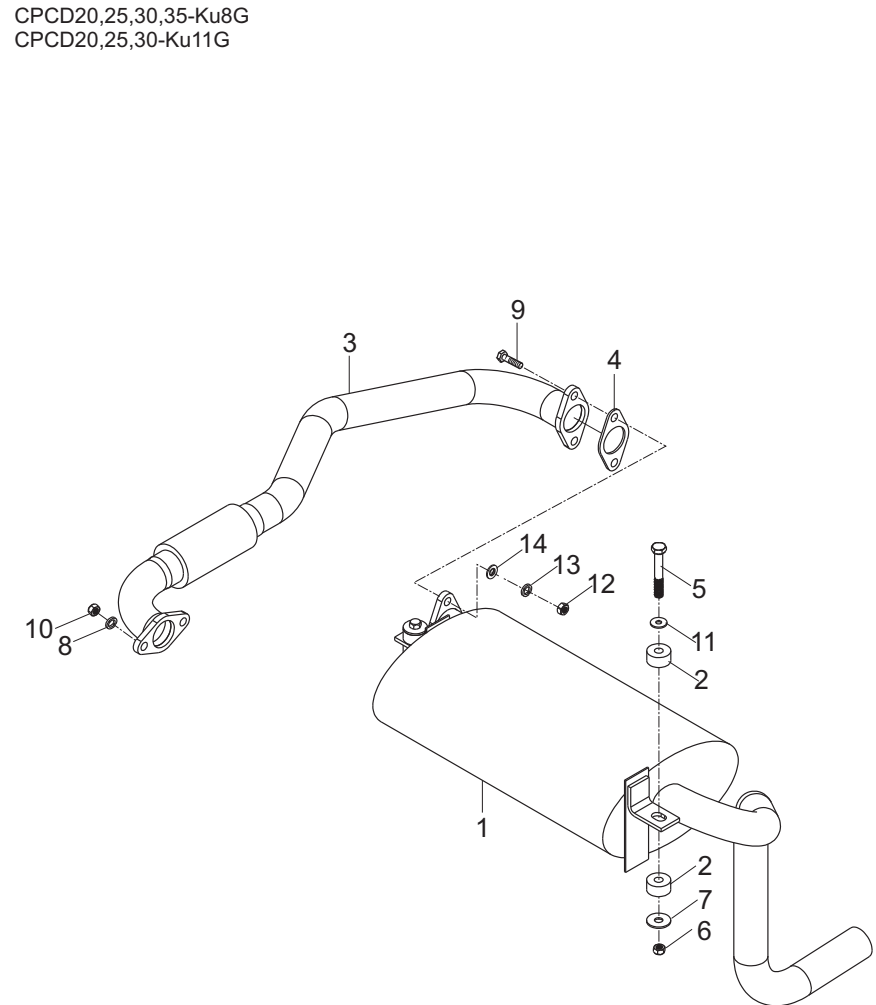


图36/FIG. 36

电气系统/ELECTRIC SYSTEM

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	G2T12-40001	D16	Electric system 电气系统	1	
01	D08QZHD-LED	D01	Front combination lamp ass'y 合力前组合灯	2	
02	G2L32-40401	00	Rubber ring 出线胶圈	2	
03	G2L32-40601	D00	Rubber ring 出线胶圈	2	
04	Z8500-1D124	D00	Horn 喇叭DL124	1	
05	B0330-08016	00	Bolt 螺栓M8X16	1	GB5783-86
06	B5050-00008	00	Lock washer 垫圈8	1	GB93-87
07	Z8740-JK205	D00	Brake switch 脚制动开关	1	JK205
08	G2T12-40201Q	D02	Frame wiring harness 车身线束	1	加全套OPS用 Use with a complete set of OPS
09	G27Z2-40511T-X1	D00	Combination meter 组合仪表	1	电液换向配通用钥匙 Electric-hydraulic, Universal key
10	G27Z2-40511T-X	D00	Combination meter 组合仪表	1	电液换向配不通用钥匙 Electric-hydraulic, Particular key
11	GY832-40511	D00	Combination switch 双手柄组合开关	1	
12	G27Z2-40101	D01	Principle diagram 接线图	1	
13	G2T12-40201	D05	Frame wiring harness 车身线束	1	
14	H25S2-40401	D00	Rear work lamp harness 后工作灯过渡线	1	后工作灯及装驾驶室用 Use with rear work lamp & cab
15	Z9260-40200	00	Belt clip 捆扎带4X200	5	
16	H24C2-42131	00	Belt clip 固定可松开式锁式扎带	16	
17	D03HCKJ012	D04	Control box 中央控制盒	1	
18	B1210-06016	00	Screw 螺钉M6X16	4	GB818-85
19	B5050-00006	00	Lock washer 垫圈6	4	GB93-87
20	B5310-00006	00	Washer 垫圈6	4	GB97.1-85
21	A23F2-40420	D00	Cable(+) 电瓶引线(+)	1	W3-9
22	A22A2-40400	D00	Cable(-) 电瓶引线(-)	1	W3-9
23	A22A2-40900	D00	Fusible link wire 易熔线	1	
24	D016-QW-80	D00	Battery 蓄电池	1	
25	A61S2-41301	00	Back buzzer 倒车蜂鸣器	1	
26	B1210-06016	00	Screw 螺钉M6X16	1	GB818-85
27	B5050-00006	00	Lock washer 垫圈6	1	GB93-87
28	B5310-00006	00	Washer 垫圈6	1	GB97.1-85
29	B4123-00006	00	Nut 螺母6	1	GB6170-86

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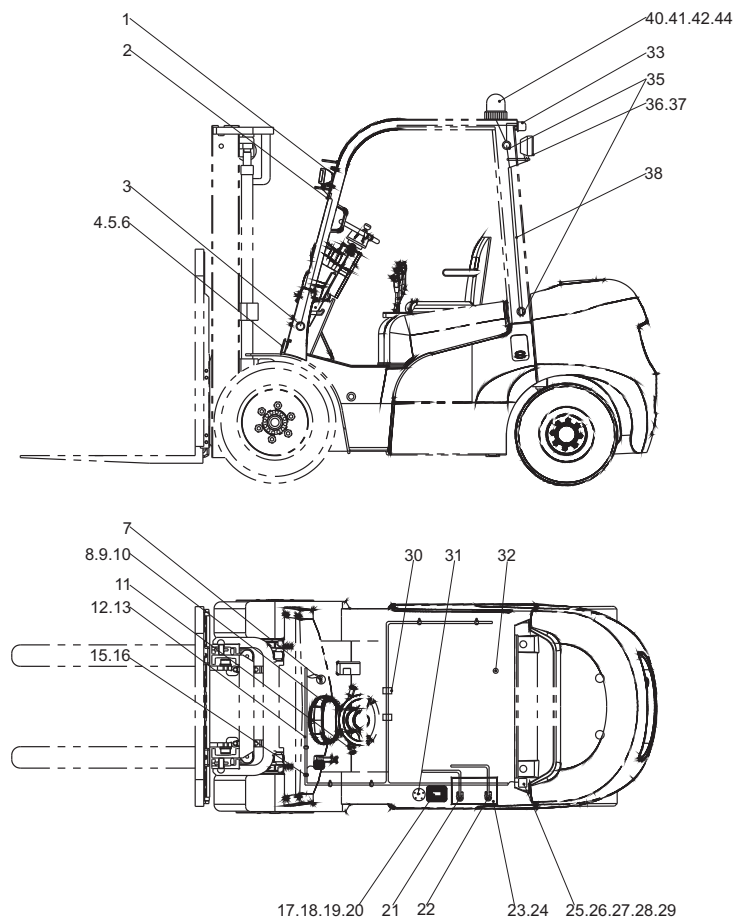


图48/FIG. 48

驱动桥(单胎) /DRIVE AXLE (SINGLE TIRE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	H24C3-00001	00	Drive axle 驱动桥总成	1	2t,2.5t
-	H24N3-00001	00	Drive axle 驱动桥总成	1	3t,3.5t
01	22673-02031	03	Drum,brake 制动鼓	2	2t,2.5t
-	24453-02131	02	Drum,brake 制动鼓	2	3t,3.5t
02	A22A3-02011	01	Hub 轮毂	2	2t,2.5t
-	24453-02031G	00	Hub 轮毂	2	3t,3.5t
03	B4732-00060	00	Nut 螺母M60X2	4	GB810-88
04	B5512-00060	00	Washer 垫圈60	2	GB858-88
05	23453-02091	01	Packing 垫	2	
06	H24C3-02001	02	Shaft,drive 半轴	2	2t,2.5t
-	H24N3-02001	00	Shaft,drive 半轴	2	3t,3.5t
07	23453-02071G	00	Oil seal ass'y 轴承油封总成	2	
08	24453-02061	02	Bolt 螺栓	24	
09	24353-72001	02	Bolt 螺栓柱	12	2t,2.5t
-	25303-02102	04	Bolt 螺栓柱	12	3t,3.5t
10	24354-32311	01	Nut 锥螺母	12	2t,2.5t
-	23913-02041	00	Nut 球螺母	12	3t,3.5t
11	A22A3-02031	04	Packing 半轴垫	2	
12	22493-00020G	00	Washer 备用垫	2	
13	22493-00030G	01	Retainer 挡油圈	2	
14	Z6311-10014	00	U-ring U型密封圈FB100X125X12D	2	GB9877.1-88
15	24453-02121G	02	Retainer,oil seal 油封挡圈	2	
16	A22A3-02041	03	Housing,axle 桥壳(2t, 2.5t)	1	2t,2.5t
-	A22J3-02021	00	Housing,axle 桥壳(3t)	1	3t,3.5t
17	22193-03001	01	Plug 堵塞	3	
18	22253-02063C	01	Breather plug 透气塞	1	
19	B4223-00020	00	Nut 螺母M20x1.5	12	GB6171-86
20	B3120-10030	00	Pin 销B10X30	1	GB119-86
21	A22A3-02051	02	Bolt 螺栓(2-3吨制动器用)	12	
22	25953-72001	01	Bolt 螺栓(3T制动器用)	4	

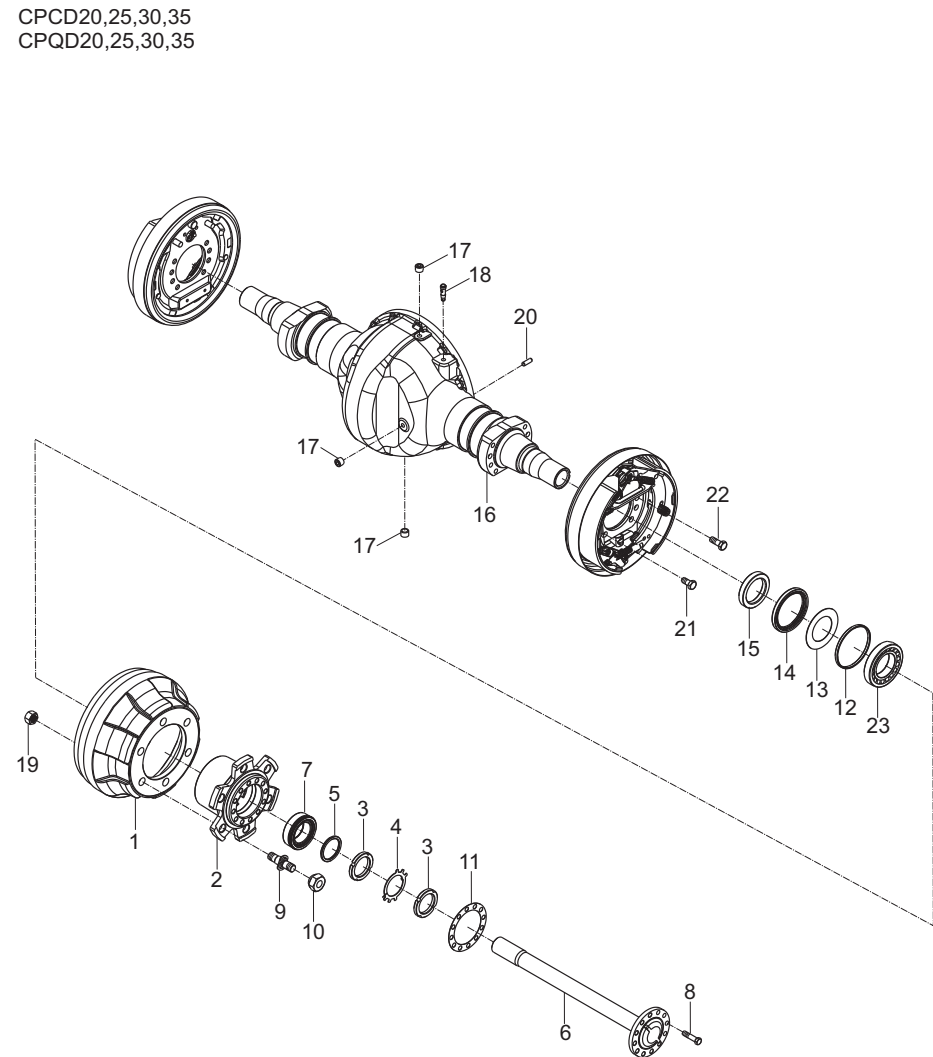


图55/FIG. 55

无石棉制动器(人力制动)/ WHEEL BRAKE(MANUAL BRAKE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	REF000567 24453-70411	D01	Wheel brake ass'y (L.H.) 制动器总成(左)	1	
-	REF000567 24453-70401	D01	Wheel brake ass'y (R.H.) 制动器总成(右)	1	
01	24433-76000G	00	Wheel cylinder ass'y (Inc.2,3) 制动分泵总成	1	
02	22673-72101	00	Cover, dust 分泵护罩	2	
03	24433-76030G	00	Cup, piston 分泵皮碗	2	
04	A01C3-72621	D00	Snap, ring, pin axle 杆销挡圈	1	
05	22673-72051	D00	Cable L.H. 制动钢索总成	1	
06	B5050-00008	00	Washer, lock 垫圈8	2	GB93-87
07	B0330-08020	00	Bolt 螺栓M8X20	2	GB5783-86
08	B5111-00012	00	Washer 垫圈12	1	GB95-85
09	24433-74040G	00	Adjuster staff 间隙调整杆	1	
10	24433-74020G	00	Adjuster cover 间隙调整套	1	左右旋螺纹各一 Left & right threads
11	24433-71000G	D00	Pin, shoe & lining ass'y 制动蹄带摩擦片总成(前)	1	
12	24433-75000G	00	Pin, shoe & lining ass'y 制动蹄带摩擦片总成(后)	1	
13	24433-72000G	D00	Back plate ass'y 制动器底板总成	1	左右对称各一 Left & right types
14	24433-74010G	00	Pin 支承销	1	左右旋螺纹各一 Left & right threads
15	24433-73000G	D00	Spring & Fitting ass'y 弹簧拉线装置	1	
16	A01C3-72091	D00	Pin, shoe hold down 压簧拉杆	2	
17	A01C3-72111	D00	Cup, shoe hold down 压簧座	4	
18	24433-70030G	D00	Spring, shoe hold down 压簧	2	
19	24433-70040G	D00	Cover, adjusting hole 胶堵	1	
20	24433-70050G	D00	Spring shoe 回位弹簧	1	
21	24433-70070G	D00	Guide plate 导向板	1	
22	24433-70060G	D00	Retrun spring, brake shoe 制动蹄回位弹簧	2	
23	24433-70080G	D00	Guide, cable 导向块	1	
24	24433-70090G	D00	Spring 弹簧	1	左右对称各一 Left & right helical types
25	24433-70100G	D00	Lever 棘爪	1	左右对称各一 Left & right types
26	A01C3-72601	D00	Pin 销轴	1	
27	24433-70120G	D00	Strut L.H. 手制动推杆	1	左右对称各一 Left & right types
28	24433-70130G	D00	Spring 弹簧	1	

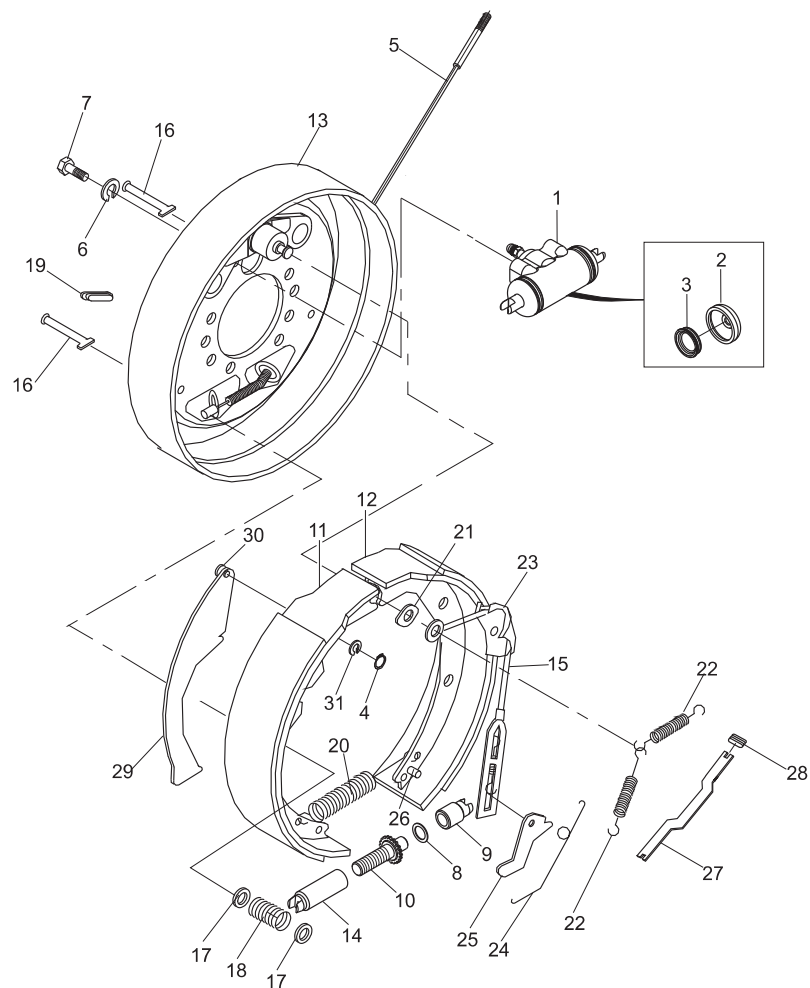
CPCD30,35
CPQD30,35

图60/FIG. 60

转向油缸/STEERING CYLINDER

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Qty	备注 Remark
A	G27Z4-30601	04	Steering cylinder 转向油缸	1	
01	G27Z4-32201	01	Cylinder cover 缸盖	2	
02	G27Z4-33011	01	Cylinder body 缸筒	1	
03	G27Z4-33111	01	Piston rod 活塞杆	1	
04	H24C4-53001S	00	Bushing 支承环70x65x10	1	
05	H24C4-52171	D00	Bushing 支承环	1	
06	Z6003-05004	00	O-ring 0型密封圈50x3.5	1	GB1235-76
07	Z6053-06003	00	O-ring 0型密封圈60x3.55	1	GB3452.1-92
08	Z1510-G0060	00	Steel ball 钢球Φ6	25	GB308-89
09	Z6003-07003	00	O-ring 0型密封圈70x3.1	2	GB1235-76
10	Z6003-07503	00	O-ring 0型密封圈75X3.1	2	GB1235-76
11	24329-45591	00	U-ring U型密封圈50x60x6	2	
12	4630000	00	Dust ring 839N防尘圈50x58x5.8/8	2	
13	H24C4-52163SA	00	Piston 活塞	1	
14	D20B8-52055	00	Snap ring 挡圈70x65.2x1.25	2	
15	G27Z4-30601XLB	00	Steering cylinder repair kits 转向油缸修理包	1	

CPCD20,25,30,35
CPQD20,25,30,35

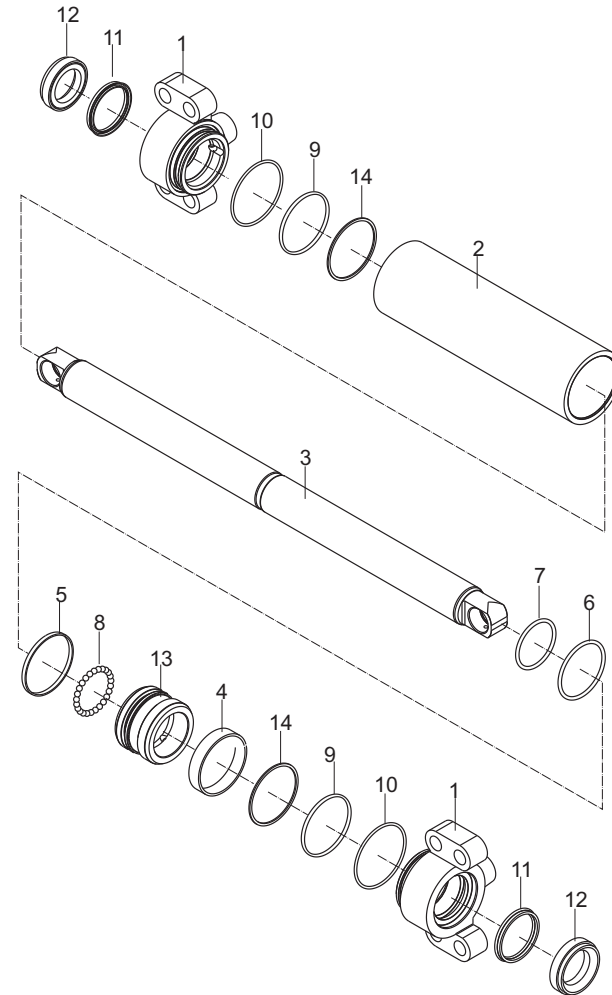


图69/FIG. 69

车架与平衡重/FRAME & COUNTER WEIGHT

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
01	G29Z6-10001	08	Frame 车架	1	CPCD30-W10G,W15G
-	G2T16-10001	03	Frame 车架	1	CPCD30-Ku10G
-	G2T36-10001	10	Frame 车架	1	CPCD30-Ku8G,Ku11G
-	G2E56-10001	07	Frame 车架	1	CPCD30-WSG,WS3G CPQD30-Rc2G,Rc3G
-	G9E56-10001	03	Frame 车架	1	CPCD30-D1G
-	G9F76-10001	06	Frame 车架	1	CPCD30-HJ1G,HJ2G
-	G29V6-10001	02	Frame 车架	1	CPCD20,25-W10G,W15G
-	G2H36-10001	10	Frame 车架	1	CPCD20,25-Ku8G,Ku11G
-	G2B56-10001	05	Frame 车架	1	CPQD20,25-Rc2G,Rc3G CPCD20,25-WSG,WS3G
-	G9B56-10001	01	Frame 车架	1	CPCD20,25-D1G
-	G9B76-10001	03	Frame 车架	1	CPCD20,25-HJ1G,HJ2G
-	GP216-10001	02	Frame 车架	1	CPCD20,25-Ku10G
02	22216-30051	01	Washer 平垫圈	1	2t,2.5t
				2	3t
03	25596-32051	00	Pin 牵引销	1	
04	B0230-30160	00	Bolt 螺栓M30x160	1	GB5782-86 2.5t
-	B0230-30180	00	Bolt 螺栓M30x180	2	GB5782-86 3t
-	B0230-30140	00	Bolt 螺栓M30x140	1	GB5782-86 2t
05	B5050-00030	00	Washer,lock 垫圈30	1	GB93-87 2t,2.5t
				2	3t
06	G2TA6-32001	04	Counter weight 平衡重体(3t)	1	3t
-	G2KE6-32001	03	Counter weight 平衡重体(2.5t)	1	2.5t
-	G2HE6-32001	03	Counter weight 平衡重体(2t)	1	2t
07	G27Z6-32011	D00	Cap 平衡重饰盖	2	
08	B0430-16070	00	Bolt 螺栓M16x1.5x70	4	GB5785-86
09	B5050-00016	00	Washer,lock 垫圈16	4	GB93-87
10	22018-30064	00	Cap,front axle support 支座盖	2	
11	H24C6-42951	00	Rubber 橡胶条(2x20x100)	2	

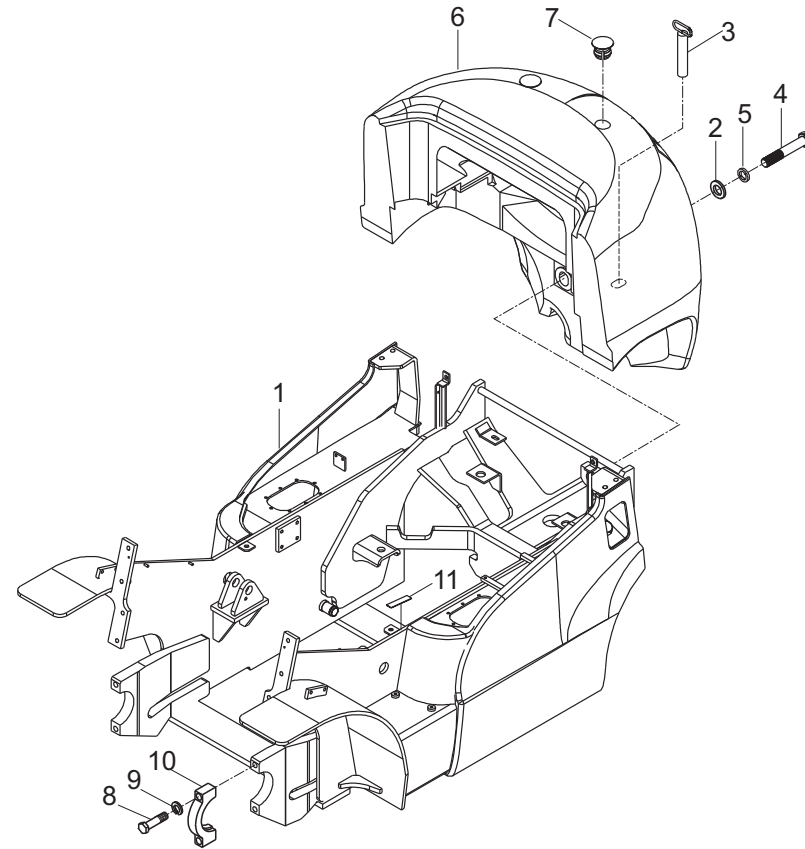
CPCD20,25,30
CPQD20,25,30

图84/FIG. 84

液压系统(动力制动)/HYDRAULIC SYSTEM (POWER BRAKE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	G27Z7-60011	D25	Hydraulic system 液压系统	1	CPCD20-30-W10G,W15G CPCD20-30-HJ1G,HJ2G
-	G2L37-60011	D20	Hydraulic system 液压系统	1	其余 Etceteras
-	G2T17-60011	D14	Hydraulic system 液压系统	1	CPCD20-30-Ku10G
01	G27Z7-60201	05	Three-way 倾斜缸三通总成	1	
02	B0330-08016	00	Bolt 螺栓M8X16	2	GB5783-86
03	B5050-00008	00	Washer,lock 垫圈8	2	GB93-87
04	B5310-00008	00	Washer 垫圈8	5	GB97.1-85
05	JT6022-20051	05	Elbow(Inc.43) 直角接头(包含43)	2	
06	JT6022-20031	04	Elbow(Inc.43) 直角接头(包含43)	1	
07	Z9502-8a04715	D00	Hose H.P. 高压胶管	4	
08	G3H37-61011	01	Plate 连接板	2	
09	G27Z7-60851	D02	Hose H.P. 高压胶管	1	
10	G27Z7-60861	D02	Hose H.P. 高压胶管	1	
11	JT7022-14021	02	Elbow(Inc.49) 直角接头(包含49)	2	
12	Z9502-1306022	D00	Hose H.P. 高压胶管13 II x600	1	其余 Etceteras
-	Z9502-1312522	D00	Hose H.P. 高压胶管13 II x1250	1	CPCD20-30-Ku10G
13	G27Z7-60821	D01	Hose H.P. 高压胶管	1	
14	G27Z7-62821	02	Hose 多路阀回油管	1	
15	Z4592-32050	00	Clip 喉箍32-50	4	
16	Z4503-12022	00	Clip 喉箍12-22	2	
17	Z7300-13030	D00	Hose 胶管∅13X300	1	
18	JT6021-20021	04	Nipple(Inc.43) 直通接头(包含43)	2	
19	JT6022-22031	02	Elbow(Inc.43) 直角接头(包含43)	1	
20	JT6022-22151	04	Elbow(Inc.44) 直角接头(包含44)	1	
21	JT6022-22161	03	Elbow(Inc.44) 直角接头(包含44)	1	
22	JT6021-16261	02	Nipple(Inc.70)直通接头总成(包含70)	2	
23	HRG2MA7601 G2MA7-64031	D07	Hose H.P. 高压胶管	1	3t
-	HRG2MA7601 G2MA7-64051	D07	Hose H.P. 高压胶管	1	2~2.5t
24	HRG2MA7601 G2MA7-64041	D07	Hose H.P. 高压胶管	1	
25	G27Z7-62931	03	Hose 油泵吸油管	1	CPCD20-30-W10G,W15G

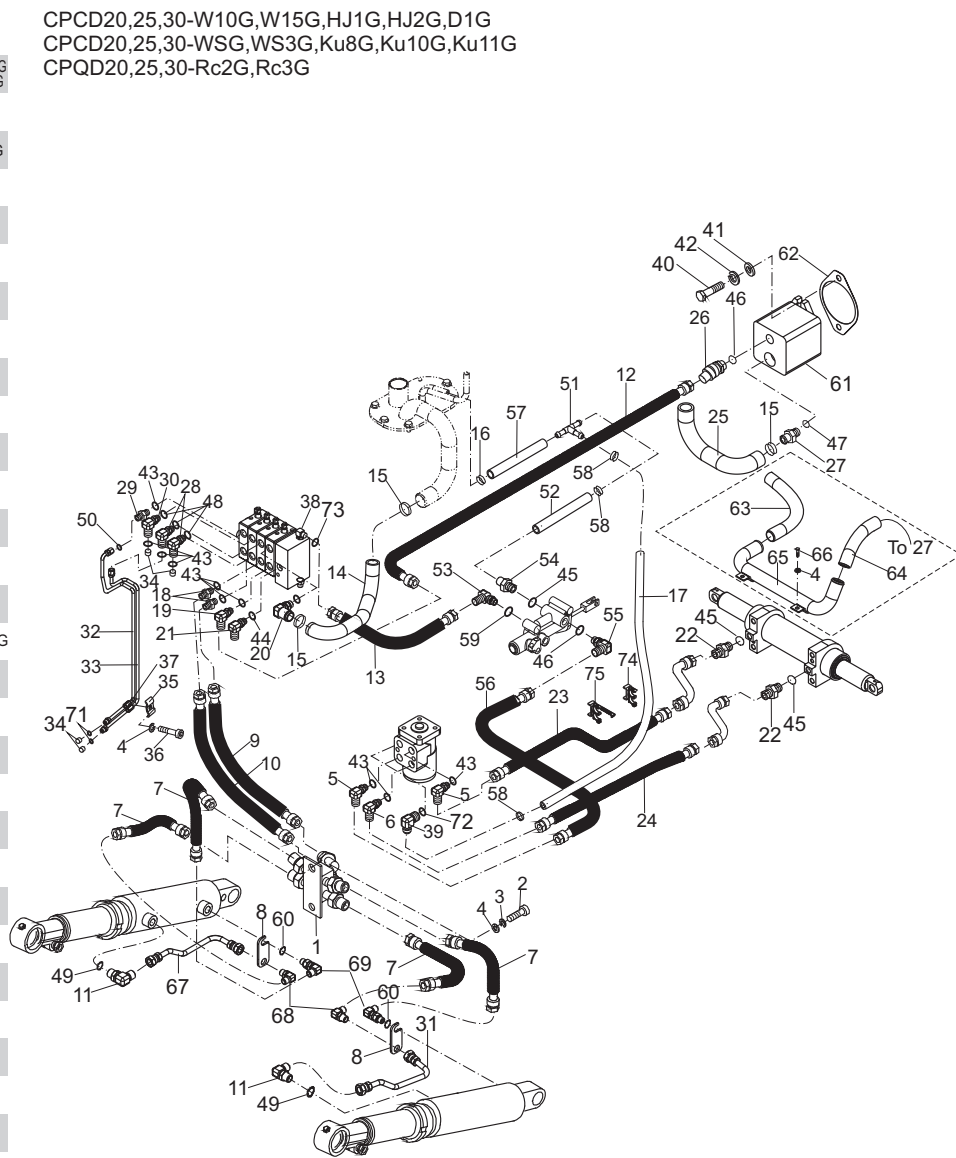
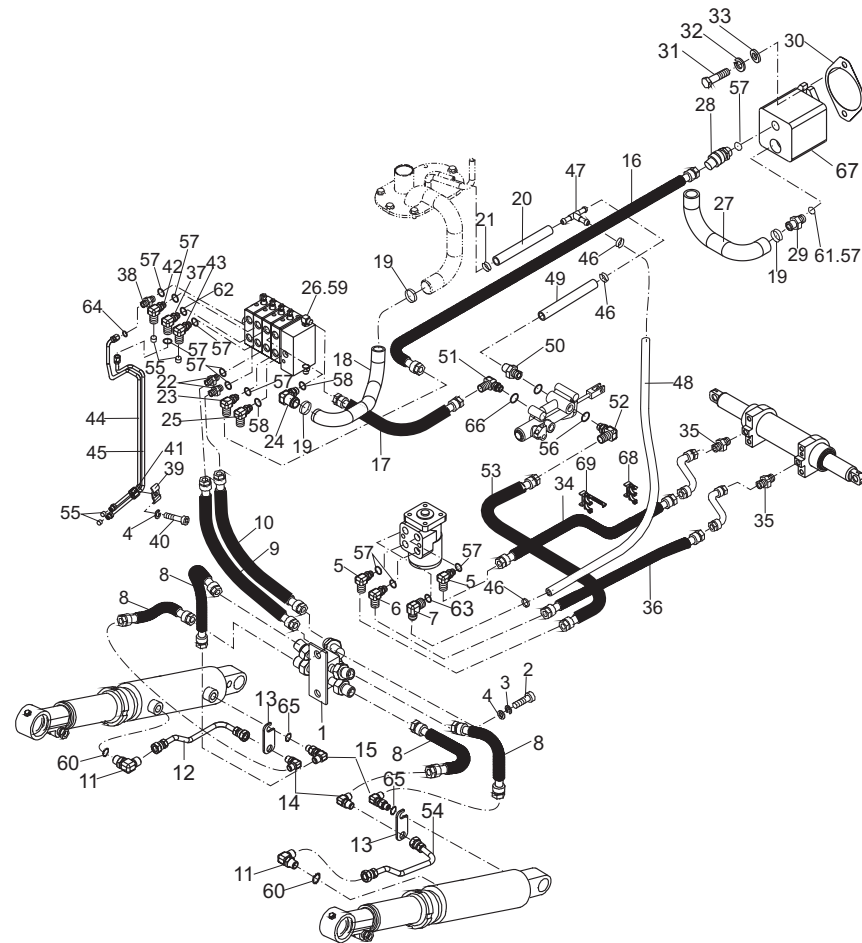


图86/FIG. 86

液压系统(动力制动 美制)/HYDRAULIC SYSTEM (POWER BRAKE SAE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
50	JT6021-16101	01	Nipple 直通接头	1	
51	JT8022-34161	01	Elbow(Inc.66) 直角接头(包含66)	1	
52	JT8022-58051	01	Elbow(Inc.56) 直角接头(包含56)	1	
53	E2Y27-60071	D02	Hose H.P. 高压胶管	1	
54	G3H37-61041	03	Steel tube ass'y(L.H.) 左高压钢管总成	1	
55	22497-61010	00	Plug 堵头	2	三片阀Three-throw
-				4	四片阀Four-throw
56	G50W7-63241	00	O-ring 0型密封圈13.47X2.08	1	
57	Z6006-01782	00	O-ring 0型密封圈17.8X2.4	12	JIS B2401
58	Z6006-01982	00	O-ring 0型密封圈19.8X2.4	2	JIS B2401
59	Z6006-01382	00	O-ring 0型密封圈13.8X2.4	1	JIS B2401
60	Z6006-01082	00	O-ring 0型密封圈10.8X2.4	2	JIS B2401
61	Z6005-02873	00	O-ring 0型密封圈28.7X3.5	1	JIS B2401
62	Z6004-01101	00	O-ring 0型密封圈11X1.9	1	GB1235-76
63	Z6005-01782	00	O-ring 0型密封圈17.8X2.4	1	JIS B2401
64	Z6006-00781	00	O-ring 0型密封圈7.8X1.9	1	JIS B2401
65	Z6003-01502	00	O-ring 0型密封圈15X2.4	2	GB1235-76
66	G50W7-63221	00	O-ring 0型密封圈16.36X2.21	1	
67	H25S7-10001	D00	Pump 油泵	1	CPCD30-WSG,WS3G CPCD20-30-Ku10G
-	G27Z7-11201	D00	Pump 油泵	1	CPCD30-W10G,W15G CPQD20,25-Rc3G
-	H14S7-10001	D01	Pump 油泵	1	CPCD20-30-Ku8G,Ku11G
-	H17U7-10101	01	Pump 油泵	1	CPCD20,25-WSG,WS3G
-	H2F97-10001	D01	Pump 油泵	1	CPCD20,25-HJ1G,HJ2G CPQD20,25-Rc2G
-	H24C7-10001	D00	Pump 油泵	1	CPCD30-HJ1G,HJ2G CPQD30-Rc2G,Rc3G
68	G2FB7-62051	00	Clip 管夹16	2	
69	G2FB7-62061	01	Clip 管夹22	4	

CPCD20,25,30-W10G,W15G,HJ1G,HJ2G,Ku11G
CPCD20,25,30-WSG,WS3G,Ku8G,Ku10G
CPQD20,25,30-Rc2G,Rc3G



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图102/FIG. 102

门架管路系统(三级全自由, 公制)/HYDRAULIC SYSTEM MAST (ZSM, METRIC)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	HRDG3Q8601	D03	Mast hydraulic system 门架管路系统	1	
01	H22A8-60211	02	Valve,check(Inc.27) 切断阀	1	
02	B0330-08020	00	Bolt 螺栓M8x20	6	GB5783-86
03	B5050-00008	00	Washer,lock 垫圈8	6	GB93-87
04	DH3S8-60121	00	Elbow ass'y 直角接头总成	1	
05	JT6021-22381	03	Nipple(Inc.27) 直通接头	1	
06	Z9502-1300022	D00	Hose H.P. 高压胶管13 II xL	1	见选用件表 See Op. Parts
07	DH3S8-60611	00	Connector 直通隔板接头	1	
08	DH3S8-64001	03	Connector support plate 接头支板	1	
09	20020-47000	D00	Protection sleeve 保护套	2	
10	Z9502-1300022	D00	Hose H.P. 高压胶管13 II xL	1	见选用件表 See Op. Parts
11	D15Y8-62071	01	Roller 滑轮	1	
12	H22N0-88112	D00	Spacer 垫块	1	
13	H22N0-92521	D01	Pin,pulley 滑轮轴	1	
14	B5310-00020	00	Washer 垫圈20	1	GB97.1-85
15	D10Q0-90201A	D00	Nipple 直通接头	1	
16	D28B8-60201	D00	Flow regulator 限速阀	1	
17	Z9502-1314222GS	D00	Hose H.P. 高压胶管13 II x1420	1	
18	JT6022-22031	02	Elbow(Inc.27) 直角接头	1	
19	Z9502-1306522	D00	Hose H.P. 高压胶管	1	
20	DH3S8-60141	00	Three-way 三通接头总成	1	
21	JT6021-22111	00	Nipple(Inc.26) 直通接头	1	
22	JT6031-22021	01	Three-way(Inc.27) 三通接头	1	
23	D26Z0-60231	01	Elbow(Inc.28) 直角接头	1	
24	Z9502-1303622	D00	Hose H.P. 高压胶管13 II x360	1	
25	Z9502-1304522M13	D00	Hose H.P. 高压胶管13 II x450	1	
26	Z6700-02227	00	Washer 组合垫圈22	2	JB982-77
27	Z6006-01782	00	O-ring 0型密封圈17.8x2.4	4	JIS B2401
28	Z6006-02373	00	O-ring 0型密封圈23.7x3.5	1	JIS B2401

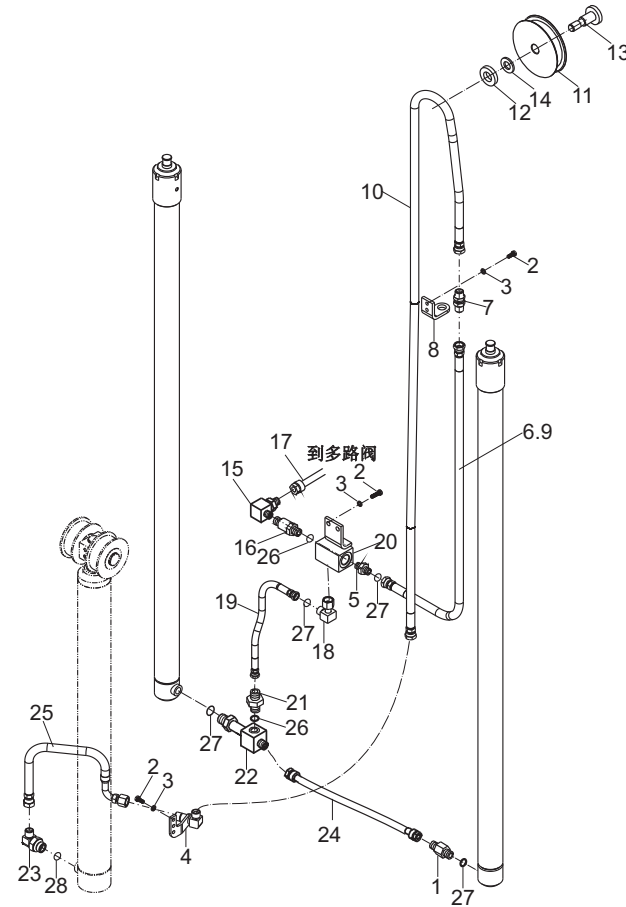
CPCD30
CPQD30

图117/FIG. 117

门架(二级)/MAST(ZM)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
01	22018-30064	00	Cap 支座盖	2	
02	B5050-00016	00	Washer,lock 垫圈16	4	GB93-87
03	B0430-16070	00	Bolt 螺栓M16x1.5x70	4	GB5785-86
04	D20B8-02001	01	Bushing 轴衬	2	
05	HRDG3H8302	01	Mast, inner 内门架总成	1	
06	HRDG3H8301	00	Mast, outer 外门架总成	1	
07	B5050-00010	00	Washer,lock 垫圈10	4	GB93-87
08	B0530-10020	00	Bolt 螺栓M10x1.25x20	4	GB5786-86
09	Q700B01	00	Fitting 直通式滑脂嘴	2	
10	D7G58-30061	02	Pin 倾斜油缸销轴总成	2	
11	980811N	00	End roller 主滚轮 φ 119.2x55-34	2	
12	B6150-00055	00	Snap ring 挡圈55	2	GB894.1-86
13	23458-32051	00	Side roller 侧滚轮组II	4	
14	23818-30071	00	Spacer 垫块	8	
15	REF404140 22548-34051	01	Shim 调整垫圈	AR	
16	REF404140 22548-34061	01	Shim 调整垫圈	AR	
17	B5050-00012	00	Shaft 垫圈12	8	GB93-87
18	B0530-12040	00	Screw 螺栓M12x40	8	GB5786-87
19	23658-33001	00	End roller 滚轮2	2	
20	B6150-00040	00	Snap ring 挡圈40	2	GB894.1-86
21	HRD15X8601 D15X8-60501	01	Slipper 限位滑块	2	
22	20029-43231*1	00	Shim 调整垫片	AR	
23	20029-43231*2	00	Shim 调整垫片	AR	

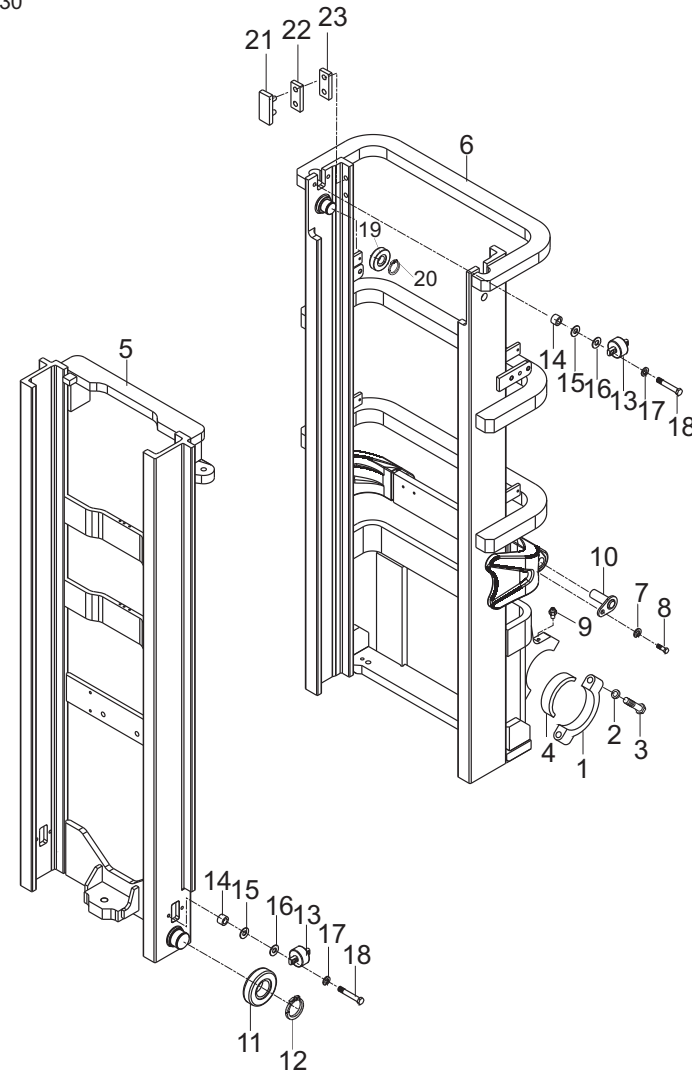
CPCD30
CPQD30

图122/FIG. 122

后起升油缸安装(基本型)/REAR LIFT CYLINDER MOUNT (M)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	HRD2H38406	D03	Lift cylinder mount 起升油缸安装	2	
01	B0530-16040	00	Bolt 螺栓M16x1.5x40	2	GB5786-86
02	B5050-00016	00	Washer,lock 垫圈16	2	GB93-87
03	D2KD8-74011	D01	Sheave 链轮	2	
04	B6150-00040	00	Snap ring 挡圈40	2	GB894.1-86
05	HRLH1234011-N	D00	Chain 链条总成	2	
06	HRD20B8407 D20B8-42031	D00	Sleeve 隔套	2	
07	B0530-12030	00	Bolt 螺栓M12x1.25x30	2	GB5786-86
08	B0530-12050	00	Bolt 螺栓M12x1.25x50	2	GB5786-86
09	D20B8-42061	D00	U-bolt U型螺栓	2	
10	B4223-00010	00	Nut 螺母M10x1.25	2	GB6171-86
11	B5310-00010	00	Washer 垫圈10	2	GB97.1-85
12	B5050-00010	00	Washer,lock 垫圈10	2	GB93-87
13	B3130-10026	00	Pin 销B10x26	1	GB119-86
14	D20B8-42051	00	Spacer 调整块	2	
15	D20B8-42041	00	Support 油缸支撑块	2	
16	B4223-00012	00	Nut 螺母M12x1.25	2	GB6171-86
B	HRD2H38010	D03	Lift cylinder(Inc.13,17-35) 后起升油缸	2	见选用件表 See Op. Parts
17	HRD2H38011	D00	Piston rod ass'y 柱塞体	2	
18	24459-42271	D00	Dust ring 防尘圈d45xD57x10	2	
19	D2H38-44001	D00	Guide cap 缸盖	2	
20	D28B8-42611	00	U-ring 密封圈45x55x6	2	
21	Z2113-04530	00	Bushing 钢背轴承4530	2	
22	D29Z0-83041	D00	Plug 螺塞	2	
23	Z6003-06003	00	O-ring O型密封圈60x3.1	2	GB1235-76
24	20030-52881	D00	Snap ring 挡片60x55x1.6	2	
25	HRD2H38021	D00	Cylinder body 缸体(左)	1	
26	D30K8-54012	D00	Wearing 挡片45x55x3	2	
27	27970-53141	00	Wearing 支承环50x20x2.5	2	
28	H22N0-87041	D00	Sleeve 阀套	1	

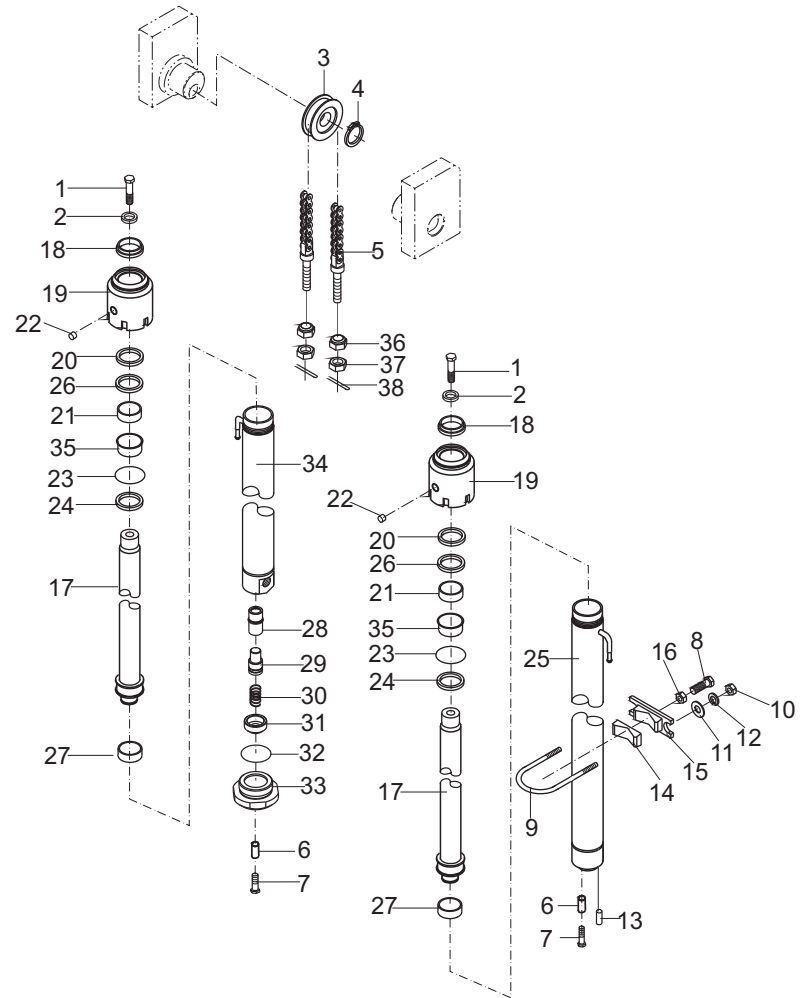
CPCD20,25
CPQD20,25

图128/FIG. 128

后起升油缸(三级全自由)/REAR LIFT CYLINDER MOUNT (ZSM)

2t, 2.5t后起升油缸选用件
LIFT CYLINDER OPTION TABLE

CPCD20,25
CPQD20,25

起升高度 LIFTING HEIGHT	后起升油缸 LIFT CYLINDER		缸体 CYLINDER BODY		柱塞杆 PISTON ROD	链条总成 CHAIN ASS'Y	备注 REMARK
	左 L. H.	右 R. H.	左 L. H.	右 R. H.			
ZSM 360	D24P8 -40801	D24P8 -40901	D24P8 -41101	D24P8 -41201	D24P8 -41001	HRLH1623011 -63	
400	-40811	-40911	-41111	-41211	-41011		-65
435	-40821	-40921	-41121	-41221	-41021		-73 标准STD
450	-40831	-40931	-41131	-41231	-41031		-75
470	-40841	-40941	-41141	-41241	-41041		-77
480	-40851	-40951	-41151	-41251	-41051		-79
500	-40861	-40961	-41161	-41261	-41061		-81
540	-40871	-40971	-41171	-41271	-41071		-87
600	-40881	-40981	-41181	-41281	-41081		-95
650	-40891	-40991	-41191	-42191	-41091		-103
700	-40891A	-40991A	-41191A	-42191A	-41091A		-115

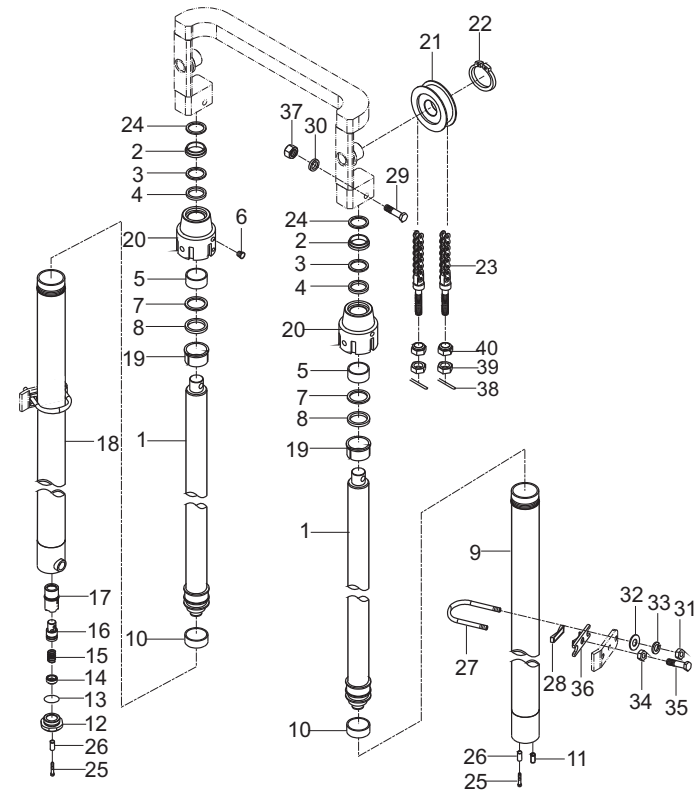


图132/FIG. 132

前起升油缸安装(二级全自由)/FRONT LIFT CYLINDER MOUNT (ZM)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
A	HRD26Z0502	D09	Front lift cylinder mount 前起升缸安装图	1	
B	HRDH3K8402	D03	Front lift cylinder (Inc.01~22,25) 前起升油缸	1	见选用件表 See Op. Parts
01	DH3K8.2-00	00	Rod,piston 活塞杆	1	
02	ME-3-60	00	Dust ring 防尘圈55x63x5/6.5	1	
03	27970-82521	D00	Yx-ring 密封圈60x70x6	1	
04	20030-48341	D00	Spool 阀芯	1	
05	Z6003-09003	00	O-ring 0型密封圈90x3.1	1	GB1235-76
06	GCQ085HST-01	00	Guide sleeve 导向套	1	
07	Z2114-06035	00	Bushing 钢背轴承6035	1	
08	Z6053-07753	00	O-ring 0型密封圈77.5x3.55	1	GB3452.1-92
09	Q70B0-82141	D01	Ring,back up 垫片	1	
10	B8032-05005	00	Screw 螺钉M5x5	1	GB70-85
11	DH3K8.1-00	00	Cylinder body 缸体	1	
12	HRD26Z0516A	00	Piston 活塞总成	1	
13	GCQ085HST-05	00	Snap ring 钢丝挡圈	1	
14	GCQ085HST-04	00	Spool 阀芯	1	
15	GCQ085HST-03-AA	00	Sleeve 阀套	1	
16	GCQ075BX-05	00	Snap ring 挡片	1	
17	GS0345V0	00	Seal ring 密封圈85x70X9	1	
18	22518-45141	D00	Wearing 支承环D85x20x2.5	1	
19	Z6053-02002	00	O-ring 0型密封圈D20x2.4	1	GB3452.1-92
20	GN1766F0	00	Ring,back up 挡片60x70x3	1	
21	GCQ085HST-06	00	Spring 弹簧	1	
22	D10D8-42081	00	Spring 弹簧	1	
23	B0330-08016	00	Bolt 螺栓M8x16	2	GB5783-86
24	B5050-00008	00	Washer,lock 垫圈8	2	GB93-87
25	B6052-00022	00	Snap ring 挡圈22	1	GB893.1-86
26	B5050-00014	00	Washer,lock 垫圈14	2	GB93-87
27	D26Z0-52111	00	Stopper,chain 护链板	2	
28	DH3M8-46101	00	Sheave seat 前缸链轮座	1	

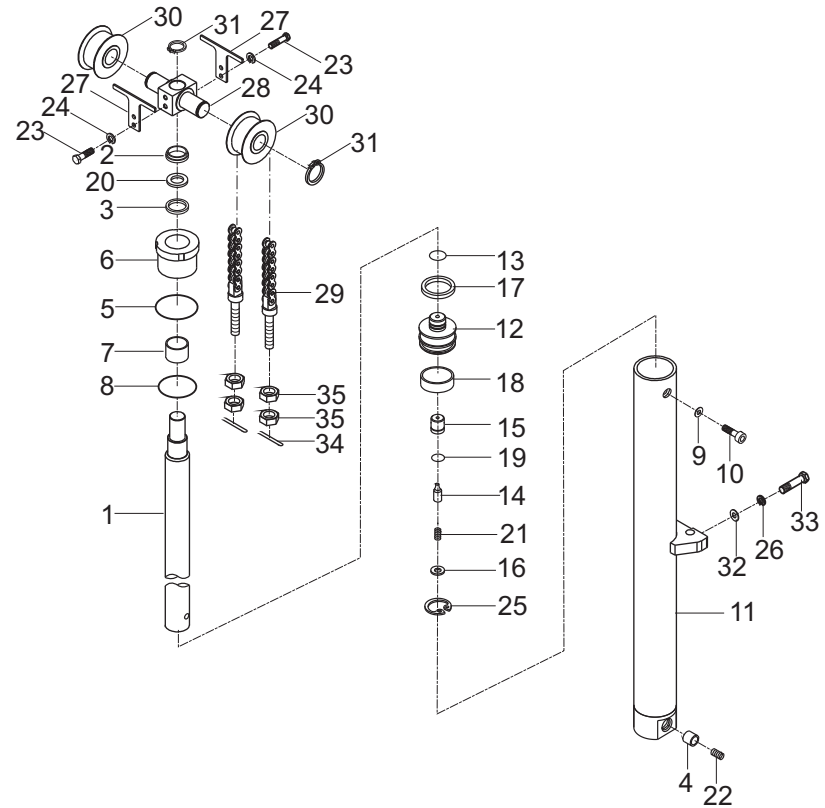
CPCD30
CPQD30

图139/FIG. 139

胶管滑轮组 (基本型, 公制) / HOSE & PULLEY BLOCK (M, METRIC)

胶管滑轮组选用件 (2t, 2.5t)
HOSE & PULLEY BLOCK OPTION TABLE

起升高度 LIFTING HEIGHT	04	05	12	13
M200	Z7002-0831017	Z7002-0831017	Z7002-0830017	Z7002-0830017
250	Z7002-0836017	Z7002-0836017	Z7002-0835017	Z7002-0835017
270	Z7002-0838017	Z7002-0838017	Z7002-0837017	Z7002-0837017
300	Z7002-0841017	Z7002-0841017	Z7002-0840017	Z7002-0840017
330	Z7002-0844017	Z7002-0844017	Z7002-0843017	Z7002-0843017
350	Z7002-0846017	Z7002-0846017	Z7002-0845017	Z7002-0845017
370	Z7002-0848017	Z7002-0848017	Z7002-0847017	Z7002-0847017
400	Z7002-0852017	Z7002-0852017	Z7002-0851017	Z7002-0851017
425	Z7002-0854517	Z7002-0854517	Z7002-0853517	Z7002-0853517
450	Z7002-0857017	Z7002-0857017	Z7002-0856017	Z7002-0856017
475	Z7002-0859517	Z7002-0859517	Z7002-0858517	Z7002-0858517
500	Z7002-0862017	Z7002-0862017	Z7002-0861017	Z7002-0861017
550	Z7002-0868017	Z7002-0868017	Z7002-0867017	Z7002-0867017
600	Z7002-0873017	Z7002-0873017	Z7002-0872017	Z7002-0872017

CPCD20,25
CPQD20,25

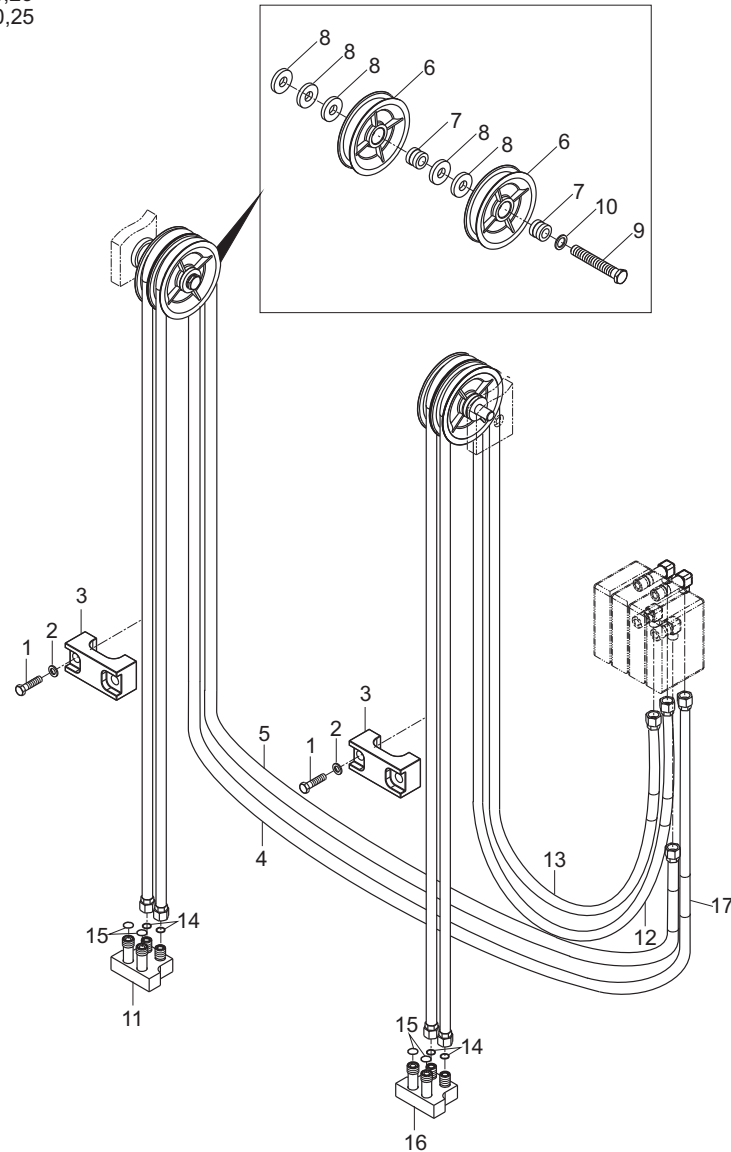
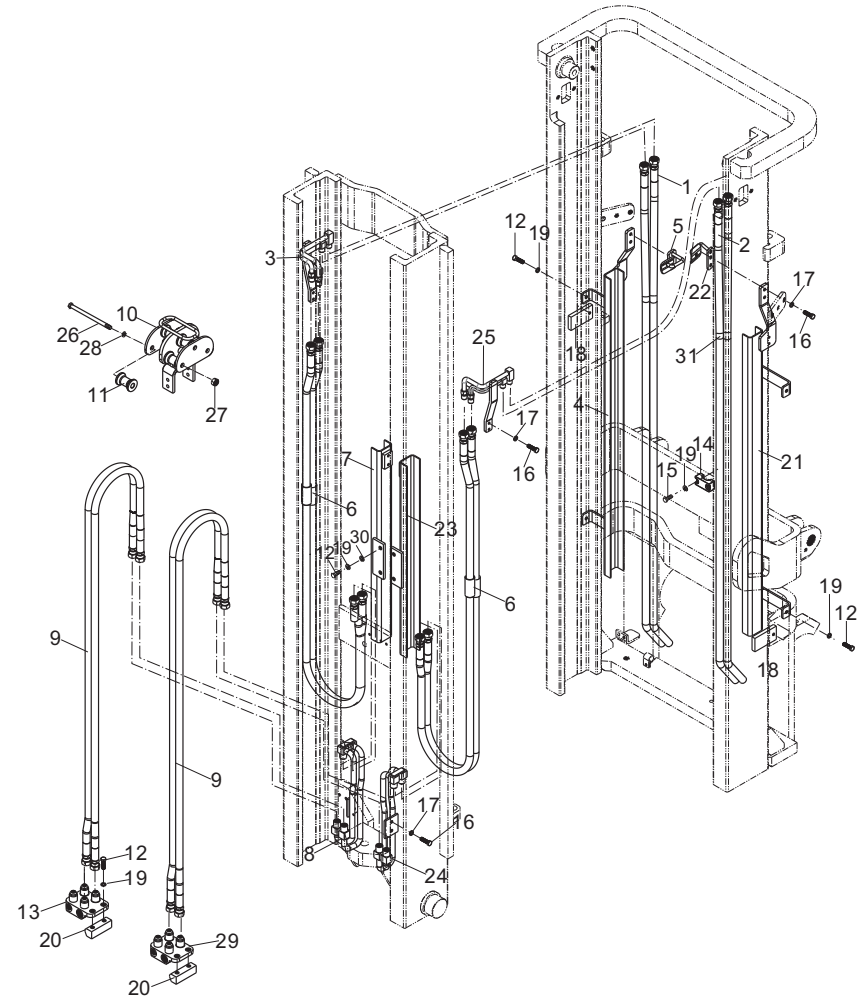


图146/FIG. 146

胶管滑轮组(二级全自由, 美制)/HOSE & PULLEY BLOCK (ZM, SAE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Qty		备注 Remark
				三片阀 Three-throw	四片阀 Four-throw	
A	HRF23JH401	D05	Hoses & pulley block (ZM, SAE) 胶管滑轮组 (二级全自由, 美制)	1	1	见表 Option
01	Z7802-0800017	D00	Hose H.P. 高压胶管	2	2	见表 Option
02	Z7802-0800017	D00	Hose H.P. 高压胶管		2	见表 Option
03	F23JH-14121R	01	Steel pipe(Outer) R.H.外导轨钢管总成(右)	1	1	
04	HRF23JH306	01	Guide rail(Outer) R.H. 外导轨(右)	1	1	
05	F23JH-18211R	00	Limiter R.H. 胶管限位总成(右)	1	1	
06	Z7802-0800015NL	00	Hose H.P. 高压胶管(护套)	2	4	见表 Option
07	HRF23JH302	00	Guide rail(Inner) 内门架导轨(右)	1	1	
08	F23JH-14111R	00	Steel pipe(Inner) 内导轨钢管总成(右)	1	1	
09	Z7801-0800015D	D00	Hose H.P. 高压胶管	1	2	见表 Option
10	D16JH-05031	04	Pulley bracket 滑轮支架总成	1	1	
11	D16JH-05201	02	Pulley 滑轮	3	6	
12	B0330-08025	00	Bolt 螺栓M8x25	7	13	GB5783-86
13	F23JH-09031	00	Four-way R.H. 四通接头总成(右)	1	1	
14	D16JH-05221A	01	Clip 双列管夹	2	4	
15	B0330-08040	00	Bolt 螺栓M8x40	4	8	GB5783-86
16	B0330-06016	00	Bolt 螺栓M6x16	6	12	GB5783-86
17	B5050-00006	00	Lock washer 垫圈6	6	12	GB93-87
18	F23JH-13991	00	Bracket 外导轨支架	2	4	
19	B5050-00008	00	Lock washer 垫圈8	11	21	GB93-87
20	F23JH-08251	00	Cushion block 垫块	1	2	
21	HRF23JH305	01	Guide rail(Outer) L.H. 外导轨(左)		1	
22	F23JH-18211L	00	Limiter L.H. 胶管限位总成(左)		1	
23	HRF23JH303	01	Guide rail(Inner) 内门架导轨(左)		1	
24	F23JH-14111L	00	Steel pipe(Outer) L.H.内导轨钢管总成(左)		1	
25	F23JH-14121L	01	Steel pipe(Inner) L.H.外导轨钢管总成(左)		1	
26	D16JH-05301	00	Bolt 螺栓	3	3	
27	B4123-00012	00	Nut 螺母M12	3	3	GB6170-86
28	B5050-00012	00	Lock washer 垫圈12	3	3	GB93-87
29	F23JH-09021	00	Four-way L.H. 四通接头总成(左)		1	

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