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**SPECIALIZED
MANUFACTURER**



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1.2025

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ZHEJIANG HONGLIANG AUTO PARTS CO.,LTD



Zhejiang Hongliang Auto Parts Co., Ltd. is located in Fengqiao Industrial Zone, Zhujiaji, Zhejiang, China. It established in 1996, which is a professional manufacturing of European auto spare parts .It covers an area of about 15,000 square meters, serving more than 100 employees. Our company primarily engages in development , production, sales of the brake valves, boosters, brake chambers, dryers, adjusters . Good technology , good quality , domestic annual sales is more than 50 million yuan.The company has been committed to building a complete sales network smoothly, covering Beijing, Kunming, Tianjin, Taiyuan, Guangzhou, Chengdu, Zhengzhou, Changsha, Shenyang, Jinan,more than 50 cities. It wins the customers with thoughtful, perfect pre-sale and after-sales service development of the enterprise. The company also is supplier of truck plant accessories, young, ShaanxiAuto,JAC,FAW,etc.

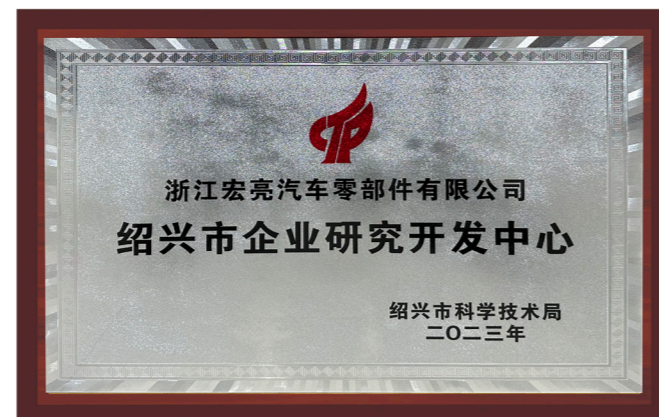
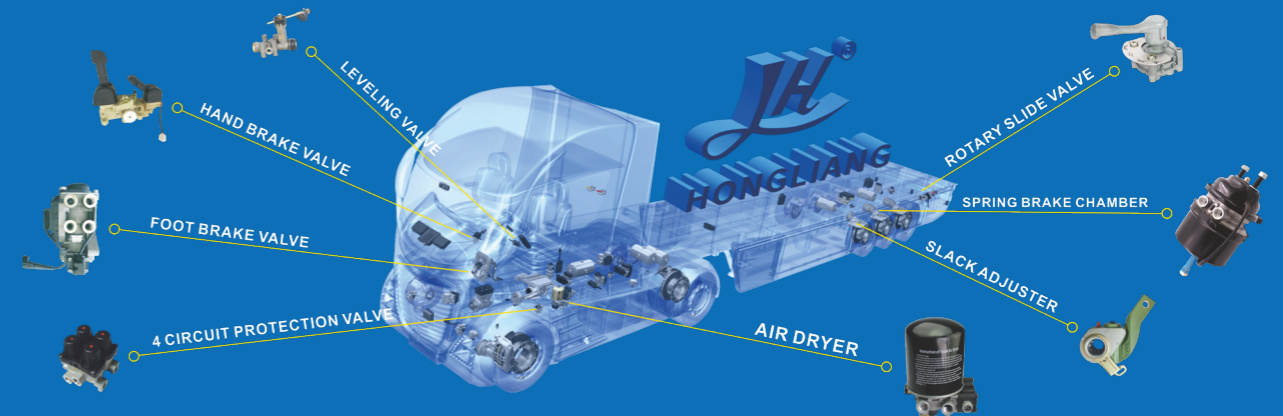
Hongliang' s good quality auto spare parts, are not only from the company's advanced manufacturing equipment and sophisticated detection equipment, but also on the company's excellent management mechanisms and philosophy. It earlier passed the ISO9001 certification of quality management system and TS16949 international certification of quality management system. We uphold the business purpose of “ making high, refined, new products attract domestic and foreign customers at a reasonable price with high quality and services . Since 2005, the company is committed to open up foreign markets, serving te customers from Turkey, UAE, India, Ukraine, South Korea,Syria,Australia,Germany,Russia, Britain and other places of the world.The products is on sale in more than 100 countries.

We have enough confidence in the quality products and reasonable prices to bring customers more profitable. Choose us, choose a sincere friend, choose a reliable partner ! Zhejiang Hongliang Auto Parts Co., Ltd. are willing to work with friends all over the world for a better future !

ENTERPRISE HONOR





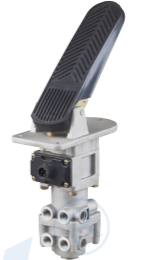








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Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL81023	H4614945020	PORT 11: Φ12 PORT 12: Φ12 PORT 21: Φ12 PORT 22: Φ12		HL81025	H461 318 071 0	PORT 11: M16 PORT 12: M16 OTHER PORT:M16
	HL81026	H4613180490	PORT 11: M12 PORT 12: M12 OTHER PORT:M16		HL81027	H4163180010	PORT 11: M16 PORT 12: M16 OTHER PORT:M16
	HL81028	H47160-2041	PORT: 3/8NPT		HL81029	H47160-3311	PORT: 3/8NPT 1/4NPT
	HL81030	HDX60B	PORT 11: M16 PORT 12: M16 OTER PORT:Φ13		HL81031	HDX65D	PORT 11: Φ13 PORT 12: Φ13 PORT 21: Φ13 PORT 22: Φ13
	HL81032	HDX65C	PORT 11: M16 PORT 12: M16 PORT 21: M16 PORT 22: M16		HL81033	HDX75BBA	PORT 11: M16 PORT 12: M16 PORT 21: M16 PORT 22: M16
	HL81034 HL81034B	H4800030000 H4800030640(B)	PORT : M16		HL81035	H4800010110	PORT: M22











Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL81012	H277863	SUPPLY PORTS(2) NPT1/2 AUX.SUPPLY PORTS(2) NPT1/4 DELIVERY PORTS(4) NPT1/2		HL81013	HMB4690	11,12,21,22:8-M16 11,12,21:3-M12
	HL81014	H4613151800	PORT 11: Φ12 PORT 12: Φ12 PORT 21: Φ12 PORT 22: Φ12		HL81015	HMB4694	AIR INLET:11,12=M22 AIR DELIVERY: 21,22:M22
	HL81016	HMB4694A	AIR INLET:11,12=M22 AIR DELIVERY: 21,22:M22		HL81017	H4613186040	PORT 11: M16 PORT 12: M16 PORT 21: M16 PORT 22: M16 PEDAL ANGLE:30°
	HL81018	H4614191020	PORT 11: M22 PORT 12: M22 PORT 21: M22 PORT 22: M22		HL81019	H4613072000	PORT 11: M22 PORT 12: M22 PORT 21: M22 PORT 22: M22
	HL81020	H286773	SUPPLY: 2-NPT1/2,4-NPT1/4 DELIVERY : 2-NPT1/2,4-NPT1/4		HL81021	H800629	SUPPLY PORTS: 4-NPT3/8 DELIVERY PORTS: 4-NPT3/8 AUXILIAERY PORTS: 1-NPT3/8
	HL81022A	H4613074390	PORT 11: M16 PORT 12: M16 PORT 21: M16 PORT 22: M16		HL81022B	H4613074790	PORT 11: M22 PORT 12: M22 PORT 21: M22 PORT 22: M22

FOOT BRAKE VALVE




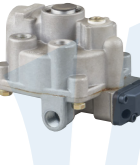

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RELAY VALVE













Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL81001	H4613150080	PORT 11: M16 PORT 12: M16 PORT 21: M16 PORT 22: M16		HL81001C	H4613150420	PORT 11: M16 PORT 12: M16 PORT 21: M16 PORT 22: M16 PORT 11,22: M12
	HL81002	H4613190080	PORT 11: M16 PORT 12: M16 PORT 21: M16 PORT 22: M16 PORT 4: M12		HL81003	H4613152480	PORT 11: M22 VOSS PORT 12: M22 VOSS PORT 21: M22 VOSS PORT 22: M22 VOSS
	HL81004	H4613152580	PORT 11: M22 VOSS PORT 12: M22 VOSS PORT 21: M22 VOSS PORT 22: M22 VOSS		HL81005	H4613192710	PORT 11: M22VOSS PORT 12: M22VOSS PORT 21: M22VOSS PORT 22: M22VOSS PORT 4: M16VOSS
	HL81006	H4613192700	PORT 11: M22 VOSS PORT 12: M22VOSS PORT 21: M22 VOSS PORT 22: M22 VOSS PORT 4: M16 VOSS		HL81007	H4613152640	PORT 11: Φ15 PORT 12: Φ15 PORT 21: Φ15 PORT 22: Φ15
	HL81008	H4613192740	PORT 11: Φ15 PORT 12: Φ15 PORT 21: Φ15 PORT 22: Φ15 PORT 4: Φ10		HL81009 HL81009A	HMB4820 HMB4821A	PORT 11: M22 PORT 12: M22 PORT 21: M22 PORT 22: M22
	HL81010	H286171	SUPPLY PORTS: 4-NPT3/8 DELIVERY PORTS: 4-NPT3/8		HL81011	H268880	SUPPLY PORTS: 4-NPT3/8 DELIVERY PORTS: 4-NPT3/8 COMMENTS: E6 WITH PADAL






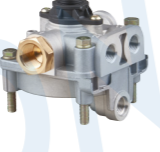






Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL82033	HAC574AXY	PORT 1: M22 PORT 2: M22 PORT 4: M16		HL82034	H9730012210	PORT 1: M16 PORT 3: M16 PORT 2: M22 PORT 4: M22
	HL82035	H9710025700	PORT 1: M22 PORT 2: M22 PORT 1-2: M22 PORT 4: M22		HL82036	H4802020040	PORT 1: M22 PORT 2: 2-M22 PORT 4: M16
	HL82037 HL82037B	H9710020600 H9710020400(B)	PORT : M22、M16		HL82038	H4757210010	PORT: M22、M16
	HL82039	H4721950330	PORT 1: 3/4-18NPTF PORT 2: 3/8-18 NPTF		HL82040	AC577A	PORT 1: M22、M16
	HL82041	BZ95259361021			HL82042	DZ95259361105	

RELAY VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL82011	H9730060030	PORT 1: M22 VOSS PORT 2: M22 PORT 4: M16		HL82012	HKN28500	SUPPLY PORTS: 2-NPT3/8 DELIVERY PORTS: 2-NPT3/8 CONTROL PORT:NPT1/4 CONTROL POS:90 DEG
	HL82013A	H4730170070	PORT 1: M22 PORT 2: M22 PORT 41: M22 PORT 42: M22		HL82014	H279180	SUPPLY PORTS: 1-NPT3/8 DELIVERY PORTS: 4-NPT3/8 SERVICE PORT: 1-NPT1/4
	HL82015	H103009	SUPPLY PORTS: 2-NPT3/4 DELIVERY PORTS: 2-NPT1/2 SERVICE PORT: 1-NPT1/4		HL82017	H103028	SUPPLY PORTS: 1-NPT1/2 DELIVERY PORTS: 4-NPT1/2 SERVICE PORT: 1-NPT1/4 BALANCE PORT: 1-NPT1/8
	HL82018	H103010	SUPPLY PORTS: 1-NPT3/4 DELIVERY PORTS: 4-NPT1/2 SERVICE PORT: 1-NPT1/4 BALANCE PORT: 1-NPT1/8		HL82019	H102626	SUPPLY PORTS: 1-NPT1/2 DELIVERY PORTS: 4-NPT1/2 SERVICE PORT: 1-NPT1/4
	HL82020	H281860	SUPPLY PORTS: 1-NPT3/4 SERVICE PORT: 1-NPT1/4 EMERGENCY PORT: 1-NPT1/4 DELIVERY PORTS: 4-NPT1/4		HL82021	H110205	SUPPLY PORTS: 1-NPT3/4 DELIVERY PORTS: 4-NPT3/8 EMERGRNCY PORT: 2-NPT3/8 SERVICE PORTS: 1-NPT3/8 CARCK PRESSURE: 4.5PSI
	HL82022	HKN30100	SUPPLY PORTS: 4-NPT1/4 SERVICE PORT: 1-NPT3/4 EMERGENCY PORT: 1-NPT1/4		HL82023	H28600	SUPPLY PORTS: 1-NPT3/8 CONTROL PORTS: 1-NPT1/4 RESERVOIR PORT: 1-NPT3/4 SERVICE BRAKE PORTS: 4-NPT3/8 SPRING BRAKE PORTS: 2-NPT3/8

RELAY VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL82024	H9710021520	PORT 1: M22 PORT 1-2=M22 PORT 4=M16 PORT2=4-M16+1-M22		HL82025	H9710021500	PORT 1: M22 PORT 2: M22 PORT 1-2: M22 PORT 4: M22
	HL82026	H9710025310	PORT 1: M22 PORT 2: M22 PORT 1-2: M22 PORT 4: M22		HL82027	H9710023000	PORT 1: M22 PORT 2: M22 PORT 1-2: M22 PORT 4: M16
	HL82027A	H9710023040	PORT 1: M22 PORT 2: M22 PORT 1-2: M22 PORT 4: M22		HL82028	H9710027000	PORT 1-1: M22 PORT 2: M22 PORT 1-2: M22 PORT 4: M16
	HL82028A	H9710027010	RELAY EMERGENCY VALVE PORT 1-1: M16 PORT 2: M22 PORT 1-2: M22 PORT 4: M16		HL82029	H9710023070	PORT 1: M22 PORT 2: M22 PORT 1-2: M22 PORT 4: M22
	HL82030	H950364047	ABS MODULATOR VALVE DEL=M16 RES=M22 CON=M16		HL82031	H4721950310	PORT 1: M22 PORT 2: M22 PORT 4: M16
	HL82031A	H4721950200	ABS MODULATOR VALVE PORT 1: M22 PORT 2: M22 PORT 4: M16		HL82032	H4721950410	PORT 1: M22 PORT 2: M22 PORT 4: M16 VOLTAGE:24V

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL82001	H9730112000	PORT 1: M22 PORT 2: M22 PORT 41: M16 PORT 42: M16		HL82002	H9730112050	PORT 1: M22 PORT 2: M22 PORT 41: M16 PORT 42: M16 COMMENTS: WITH SILENCER
	HL82003 HL82003A	H9730110010 H9730110000(A)	PORT 1: M22 PORT 2: M22 PORT 4: M16		HL82004	H9730110040	PORT 1: M22 PORT 2: M22 PORT 4: M16 COMMENTS: WITH SILENCER
	HL82005	H9730110020	PORT 1: M22 PORT 2: M22 PORT 4: M16		HL82006	H9730110500	PORT 1: M22 PORT 21: M16 PORT 22: M16 PORT 23: M16 PORT 4: M16 VOSS
	HL82007	H9730112010	PORT 1: M22 PORT 21,22,23: M16 PORT 41: M16 VOSS PORT 42: M16 VOSS		HL82008	H9730112060	PORT 1: M22 PORT 21,22,23: M22 PORT 41: M16 PORT 42: M16
	HL82009	H9730010100	PORT 1: M22 PORT 2: M22 PORT 4: M22		HL82009A	H9730010200	PORT 1: M22 PORT 2: M16 PORT 4: M16
	HL82010	H9730060000	PORT 1: M22 PORT 2: M16 PORT 4: M16		HL82010A	H9730060010	PORT 1: M22 PORT 2: M22 PORT 4: M16

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL83023	HDPM66AK	PORT 11: Φ10 PORT 21: Φ10 PORT 22: Φ10		HL83024	HDPM94AAAX	PORT 1: M16 PORT 21: M16
	HL83025	H9617231250	PORT 1: M16 PORT 3: M16 PORT 21: M16 PORT 22: M16		HL83026	H9617222640	PORT 11: M14 PORT 12: M14 PORT 21: M14 PORT 23: M14
	HL83027A HL83027B	H9617242040 H9617242050			HL83028	H9617242080	
	HL83029	HDPM24A	PORT 1,12,21,23,3: M16 VOSS PORT 22: M16		HL83030	HDPM28A DPM93D	PORT 1: M16 VOSS PORT 21: M16 VOSS PORT 22: M16 VOSS
	HL83031	H9617221820	PORT 1: M14 PORT 2: M14		HL83032	H9617242000	
	HL83033	H9617247950			HL83034	H9617239620	PORT 1: M16 PORT 21: M16 PORT 22: M16

Item	HL No.	REF No.	Technical Parameters
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	HL83013	H9617222520	PORT 11: M14 PORT 21: M14 PORT 22: M14
	HL83015	HAPSA5890	PORT 1: M14 PORT 2: M14
	HL83017	H9617223140	PORT 11: M14 PORT 21: M14 PORT 22: M14
	HL83019	H9617011000	PORT 1: M14 PORT 2: M14 PORT 3: M14
	HL83020	H9617011050	PORT 1: M14 PORT 2: M14 PORT 3: M14
	HL83021	HDPM95AAX	PORT 1: M16 PORT 21: M16 PORT 22: M16
	HL83014	H9617222120	PORTS:SLIDE LOCK
	HL83016A	HHB1142	PORT 1: M14 PORT 2: M14
	HL83018	H9617232170	PORT 1: M16 PORT 21: M16 PORT 22: M16
	HL83019A	H9617020010	PORT 1: M14 PORT 3: M14 PORT 21: M14 PORT 22: M14
	HL83020A	H9617020040	PORT 1: M14 PORT 3: M14 PORT 21: M14 PORT 22: M14
	HL83022	H9617222660	PORT 11: M14 PORT 21: M14 PORT 22: M14

Item	HL No.	REF No.	Technical Parameters
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	HL83001 HL83001A	H9617231020 H9617231110(A)	PORT 1: M16 PORT 21: M16 PORT 22: M16
	HL83003A	H9617230100	PORT 1: M16 PORT 2: M16
	HL83005	H9617231000	PORT 1: M16 PORT 21: M16 PORT 22: M16
	HL83007 HL83007A	H9617231180 H9617231120(A)	PORT 1: M16 VOSS PORT 21: M16 VOSS PORT 22: M16 VOSS
	HL83009	H9617221600	PORT 1: M14 PORT 2: M14
	HL83011	H9617221520	PORT 1: M14 PORT 2: M14
	HL83002	H961 723 108 0	PORT 1: M16 PORT 21: M16 PORT 22: M16
	HL83004 HL83004A	H9617230040 H9617230220(A)	PORT 1: M16 PORT 2: M16
	HL83006 HL83006A	H9617231040 H9617231100(A)	PORT 1: M16 VOSS PORT 21: M16 VOSS PORT 22: M16 VOSS
	HL83008 HL83008A	H9617221500 H9617221560(A)	PORT 1: M14 PORT 2: M14
	HL83010 HL83010A	H9617222580 H9617222690(A)	PORT 11: M14 PORT 21: M14 PORT 22: M14
	HL83012	H9617221510	PORT 1: M14 PORT 2: M14

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL84001	H4640070110	PORT 1: M10 PORT 2: M10		HL84002	H4640070100	PORT 1: M10 PORT 2: M10
	HL84003	H4640070010	PORT 1: Φ6 PORT 2: Φ6		HL84004	H4640070020	PORT 1: M10 PORT 2: M10
	HL84005	H4640070030	PORT 1: M10 PORT 2: M10		HL84006	H4640060000	PORT 1: M12 PORT 3: M12 PORT 21: M12 PORT 22: M12
	HL84006A	H4640060020	PORT 1: M12 PORT 21: M12 PORT 22: M12		HL84007	H4640023300	PORT 1: M12 PORT 21: M12 PORT 22: M12
	HL84008	H4640061000	PORT 1: M12 PORT 21: M12 PORT 22: M12 PORT 12: M16 PORT 23: M16		HL84009	HSV1280	PORT 11: M12 PORT 21: M12 PORT 12: M16 PORT 23: M16
	HL84010	HSV1294	PORT 11: M12 PORT 21: M12		HL84011	HSV1295	PORT 4: M12 PORT 11: M12 PORT 21: M12








Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL84012	HSV1307	PORT 11: M12 PORT 21: M12		HL84013	HSV1318	PORT 4: M12 PORT 11: M12 PORT 21: M12
	HL84014	HSV1310	PORT 11,21: M12		HL84016	HSV1219	PORT 1: M12 PORT 3: M12 PORT 21: M12 PORT 22: M12
	HL84015	HSV1361	PORT 11,21: M12		HL84017 HL84017A	H0500005001 H0500005002(A)	PORT 1: M12 PORT 2: M12 PORT 3: M12
	HL84018 HL84018A	H0500005006 H0500005007(A)	PORT 1: M12 PORT 2: M12 PORT 3: M12		HL84019	HKN27000	PORTS: ALL NPT1/4
	HL84020	H90054007	PORTS: ALL NPT1/8		HL84019A	HSV1470	PORTS: ALL M12
	HL84021 HL84021A	H4410500080 H4410500100(A)			HL84022 HL84022A	H4410500110 H4410500120(A)	

LEVELING VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL84023	H4410500130			HL84024	H4410500060	
	HL84025 HL84025A	H4410501010 H4410501000(A)			HL84026	H4410500070	
	HL84027 HL84027A	H4410501220 H4410501230(A)			HL84028 HL84028A	H4410501200 H4410501210(A)	
	HL84029	HK013741N00			HL84030	H21585711	
	HL84031	H4410502010 H4410502020 H1889797			HL84032	H4410502000 H4410502030 HA0075425918	
	HL84033	H1435680			HL84034	H4640070320	PORT: 6
	HL84035	H4640078140	PORT: 6		HL84036	H464 007 805 0	PORT: 6

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TRAILER CONTROL VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL85001A	H9730090020	PORT 11,12,22,41,42,43: M16 PREDOMINANCE: 0.2BAR		HL85002	H9730090100	PORT 11,12,22: M16 PORT 41,42,43: M16 PREDOMINANCE: 0.4BAR COMMENT: WITH SILENCER
	HL85003	H9730093000	PORT 11,12,22: M22 PORT 41,42: M22 PORT 43: M16 VOSS PREDOMINANCE: 0.2BAR COMMENT: WITH SILENCER		HL85004	H9730025210	PORT 11,12,22: M16 PORT 41,42,43: M16 PREDOMINANCE:0.2 PREDOMINANCE ADJUSTABLE:YES
	HL85005A	H973 002 402 0	PORT 1,2: M16 PORT 41,42,43: M16 PREDOMINANCE: 0BAR PREDOMINANCE: 0BAR-FIXED		HL85004B	H9730025200	PORT 11,12,22: M16 PORT 41,42,43: M16 PREDOMINANCE: 0BAR-FIXED
	HL85006	AC597C	PORT: M16		HL85007	AC596A	PORT: M22、M16
	HL85008	AC598B AC599A	PORT : M22 M16		HL85009	H4802040020	PORT : M22 M16

FOUR CIRCUIT PROTECTION VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL86001	H934 702 250 0	PORT 1: M22 PORT 21,22,23,24: M16 OPEN PRESS 21,22,23,24: 7.0BAR		HL86002	H934 702 210 0	PORT 1, : M22 PORT 21,22,23,24: M22 OPEN PRESS 21,22,23,24: 7.0BAR
	HL86001A	H934 702 260 0	PORT 1: M22 PORT 21,22,23,24: M22 OPEN PRESS 21,22,23,24: 7.0BAR		HL86004	HAE4404	PORT 1: M22 PORT 21,22,23,24: M22 OPEN PRESS 21,22,23,24: 7.0BAR
	HL86003A	HAE4158 (9347010410)	PORT 1: M22 PORT 21,22,23,24: M16 OPEN PRESS 21,22,23,24: 7.0BAR		HL86005	HAE4162	PORT 1: M22 PORT 11,12,21,22,23,24: M16 OPEN PRESS 21,22,23,24: 7.0BAR
	HL86006	H934 714 010 0	PORT 1: M22 PORT 21,22,23,24: M16 OPEN PRESS 21,22,23,24: 5.9BAR		HL86007	H934 714 403 0	PORT 1: M22 VOSS PORT 21,22,23,24: M22 VOSS OPEN PRESS : 21,22,24: 6.9BAR 23: 7.0BAR
	HL86008	H934 702 300 0	PORT 1: M22 PORT 21,22,23,24: M16 OPEN PRESS 21,22,24: 7.0BAR		HL86009	H934 714 151 0	PORT 1: M22 PORT 21,22,23,24: M16 OPEN PRESS : 21,22,24: 6.5BAR 23: 7.0BAR
	HL86011	HAE4609	PORT 1: M22 VOSS PORT 21,22,23,24: M22 OPEN PRESS 21,22,23,24: 7.0BAR		HL86012	HAE4613	PORT 1: M22 PORT 21,22,23,24: M16 OPEN PRESS 21,22,23,24: 7.0BAR

FOUR CIRCUIT PROTECTION VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL86013	H9347147400	PORT 1: M22 PORT 11, 12, 21,22,23,24: M16 OPEN PRESS 21,22:6.3BAR 23,24:5.8BAR		HL86014	HAE4440	PORT 1: M22 PORT 21,22,23,24: Φ9 OPEN PRESS 21,22,23:7.0BAR 24:6.5BAR
	HL86015	HAE4605	PORT 1: M22 PORT 21,22,23,24: Φ9 OPEN PRESS 21,22,24:7.0BAR 23:7.3BAR		HL86016	HAE4604	PORT 1: M22 PORT 11,12, 21,22,23,24: M16 OPEN PRESS 21,22,23,24: 7.0BAR
	HL86017	H9347000400	PORT 1: M22 PORT 21,22: M16 OPEN PRESS 21,22: 6.5BAR		HL86018	H9347010400	PORT 1: M22 VOSS PORT 21,22,23: M16 OPEN PRESS : 21,22,24: 6.9BAR 23: 7.0BAR
	HL86019	H9347050020	PORT 1: FLANGE PORT 21,22: M22 VOSS PORT 23,24: M22 VOSS PORT 25,26: M22 VOSS		HL86019A	H9347050050	PORT 1: FLANGE PORT 21-26: M22 VOSS PORT 27,28: M22 COMMENTS: WITH SILENCER
	HL86020	HAE4800	PORT 1: M22 VOSS PORT 21-26: M22 VOSS OPEN PRESS 21,22,24:8.7-9.0BAR 23,24:7.2-7.5BAR		HL86021	HAE4528	PORT 1: M16 PORT 21-26: M22 VOSS OPEN PRESS 21,22,24:7.0-7.3BAR 23,24:7.2-7.5BAR
	HL86022	H9325109582	MULYI-CIRCUIT		HL67008		PORT: M22


SOLENOID VALVE


Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL87001	H1457275 H1379772	PORT 1,21,22:M14 PORT 4:M10		HL87002	H1457276 H1379776	PORT 1,21,22:M14 PORT 4:M10
	HL87003	H1488083 H1334037 H1423566	PORT 1,12,21,22:M10		HL87004	H4721950160	PORT 1,2: M22 VOSS
	HL87006	H4721950090	PORT 1,2: M22 VOSS		HL87004A	H4721950180	PORT 1,2: M22 VOSS
	HL87007A	H4270174800	PORT 11,12: M12 PORT 21,22,23,24: M12 PORT 5: M12 DC 24V		HL87004B	HBR9154 HBR9156	PORT 1,2: M22 VOSS
	HL87008	H4410430021	VOLTAGE:24V		HL87009A	H5004341	HEAT:12V
	HL87008A	H4410435011	VOLTAGE:5V		HL87009B	H5004342	HEAT:24V
	SENSOR				HL87012	H4720706390	PORT 1,2: M12 DC 24V
	HL87011	H4630840310	PORT 11,12: M16 PORT 21,22,: M16				


SOLENOID VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL87013	H4721706000	PORT 1,2: M12 DC 24V		HL87014	H4721706060	PORT 1,2: M12 DC 24V
	HL87015	H1521248	PORT : NPT1/8		HL87016	H20775173	PORTS:M10
	HL87017	H1521247	PORTS:M10		HL87018	H1521249	PORTS:M10
	HL87019	H1653070	PORTS:M10		HL87020	H20590252	PORTS:M10
	HL87021	H3192384	PORTS:M10		HL87022	H1421324	PORTS:M12 DC 24V
	HL87023	H1078316	PORTS:M12 DC 24V		HL87024	H4278800300	PORTS:M22 DC 24V


Item	HL No.	REF No.	Technical Parameters
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	HL87025	H4729001050	PORTS:M22 DC 24V
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	HL87027	H4729000530	PORTS:M22 DC 24V
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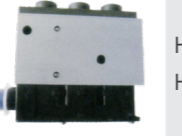

	HL87029	H21083660	PORT 11,21,22,23: M16
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	HL87031	H4728900300 H4728900310 H4728900320 H4728900410	PORT 11,12:M22
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	HL87033	H81325500009 H1670254	
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	HL87035	H22327063 H21965253	PORT 11,21,22,23:M16
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	HL87026	H4729001130	PORTS:M12 DC 24V
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	HL87028A	H3944716(A)	PORT 1,21,22:M22
	HL87028B	H3944717(B)	DC 24V


	HL87030	H4728900010 H4728900020 H4728900030 H4728900200 H4728900220	PORT 11,12,23:M22
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	HL87032	H4728900500	PORT 11,12:M22
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	HL87034	H0002571934	PORT 11,12,23:M22
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	HL87036	H22327072	
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Item	HL No.	REF No.	Technical Parameters
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	HL87037	H1493771	
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	HL87039	H21031448	
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	HL87041	H51259020096 H51259020115 H51259020130	
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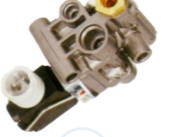
	HL87043	H51259020131	
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	HL87045	H51521600002	
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	HL87047	H23507525 H21515323 H22634858	
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	HL87038	H9452600557 H9472600757	
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	HL87040	HA5410560304 HA5410500370	
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	HL87042	H51259020129 H51259020104	
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	HL87044	H2021085 H2021086	
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	HL87046	H0001532759 H0001531559	
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Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL51001	H4324100202	MOUNTING DIMENSION :M39		HL51002	H432 410 2262	MOUNTING DIMENSION :G1-1/4
	HL51003	H1391510	PORT:M41		HL51004	H107794	SPECIFICATION: 5/8-11UNC
	HL51005	H78964	PORT:		HL51006	H22223804 H21412848	PORT:M41
	HL52001	H9324000050	PORT 1,21:M22 PORT 22,23:M16 PORT 12:M12		HL52002	H432 410 600 2	HEAT:24V CONN:M27 PORT 1,21:M22 PORT 22:M12
	HL53001	H4324100000	HEAT:24V PORT 1,21:M22 PORT 22:M12		HL53001A	H432 410 004 0	HEAT:24V PORT 1,21:M22 PORT 22:M12 PORT 4/23:M12
	HL53002	H9324000020	PORT 1,21,24:M22 PORT 22:M16 PORT 12:M12		HL53003	H932 500 035 0	PORT 21,22,23,24:M16












Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL53004	H9325000030	PORT 21,22:M22 VOSS PORT 23,24:M22 VOSS PORT 25,26:M22 VOSS		HL53005	H9325000070	PORT 11:M22 PORT 12:M12 PORT 21,22:M22 VOSS PORT 23,24:M22 VOSS PORT 25,26:M22 VOSS
	HL53006	H4324100810	HEAT:24V PORT 1,21:M22 PORT 4,22:M12		HL53007	H4324251010	HEAT:24V PORT 1,21:M22 PORT 4:M12 PORT 12:M12
	HL53008	HLA8211 HLA8212	HEAT:24V PORT 1:M22 VOSS PORT 21:M22 VOSS PORT 22:M16 VOSS		HL53009	H4324130010	PORT:M41
	HL53010A HL53010B	H6522424V(A) H6522512V(B)	HEAT:24V		HL53011	H9325109562	
	HL53012	HLA8130	HEAT:24V PORT 1,12:M22 PORT 21:M16 PORT 23:M16 VOSS PORT 24:M22 VOSS		HL53013	HZB4578	HEAT:24V PORT 1,12:M22 PORT 21:M16 PORT 23:M16 VOSS PORT 24:M22 VOSS
	HL53014	H9325100040			HL53015	ZB4803	

AIR DRYER

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL53016	HLA9100	PORT 11,24:M22 PORT 12:M12 PORT 22:M16 PORT 25:M10		HL53017A HL53017B	H4324711010 H4324710010	
	HL54001	H4324070600	PRESSURE:13BAR DIAMETER:Φ68		HL54002	H4324070700	PRESSURE:11BAR DIAMETER:Φ69
SLIENCER				SLIENCER			
	HL54003	H4324070120	PRESSURE:18.5BAR DIAMETER:Φ87		HL54004	H9325109052 H2130330 H9325109132	
SLIENCER							
	HL55001	H8942600492	SPECIFICATION: 24 VOLT-100WATT		HL55002	H8942600402	SPECIFICATION: 12 VOLT-100WATT
HEATER				HEATER			
	HL55003	H8942600462	SPECIFICATION: 24 VOLT-100WATT		HL56001 HL56001A HL56001B	H41210029 H41210026(A) H71369(B)	PORTS:NPT1/2 VOLTAGE:24V PORTS:NPT1/2 VOLTAGE:12V PORTS:M22 VOLTAGE:24V
HEATER				CONSEP CONDENSER			
	HL89002	H21991157 H21707054			HL89003	H21991154	

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UNLOADER VALVE













Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL88001	H9753034730	CUT OUT:8.1BAR SAFTY:12BAR PORT 1,21:M22 PORT 22:M12		HL88002	H9753034740	CUT OUT:8.1BAR SAFTY:12BAR PORT 1,21:M22 PORT 4,23:M12
	HL88003	H9753034640	CUT OUT:8.1BAR SAFTY:12BAR PORT 1,21:M22		HL88004	H9753030850	CUT OUT:9.5BAR PORT 1,21:M22 PORT 4,23:M12
	HL88005	H9753001100	CUT OUT:8.1BAR PORT 1,21:M22		HL88006	H9753000140	CUT OUT:8.1BAR PORT 1,21:M22
	HL88007	H100-3512010	PORT 1,2:M22		HL88008	H275491	PORT 1,2,3:NPT1/8
				D2 GOVERNOR			
	HL88009	HMC808718	CUT OUT:8.2BAR RES=NPT1/8 UNL=NPT1/4		HL88010	HDR3200	PORT 1,2:M22
D2 GOVERNOR							
	HL88011	H0481039221	CUT OUT:8.1BAR PORT 1,21:M22 PORT 22:M12				

PRESSURE LIMITING VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL61001	H4750103000	DELIVERY PRESSURE: 8.5BAR PORT 1:M22 PORT 2:M22		HL61002	H4750104000	PORT 11,12:M22 VOSS PORT 21,22,23:M22 VOSS
	HL61003	H4750150310	PORT 1:M16 PORT 2:M16		HL61004	H4341001240	OPENING PRESSURE: 5.5BAR PORT 1:M22 PORT 2:M22
	HL61005	H0481009017	COMMEN:3.5-6.0BAR PORT 1:M16 PORT 2:M16		HL61005A	H0481009026	COMMEN:3.5-6.0BAR PORT 1:M22 PORT 2:M22
	HL61006	HA4740	SUPPLY PORTS: NPT3/8 DELIVERY PORTS: NPT1/8		HL61007	HAC157C	PORT 1:M22 VOSS PORT 2:M22 VOSS
	HL61008	HDR3500	PORT 1,21:M22 PORT 22,23:M12		HL61009	H4343000000	PORT 1,4:M12
	HL61010	H9750090010	PORT 1,2:M16		HL61011	238H- 1723009-01	
	HL61012	H9347010400 H100-3515210					

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GEARBOX/CONTROL VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL62001	H4630132000	PORT 1:M16 PORT 21:M16 PORT 3:M12		HL62002	H4630131140	PORT 1:M12 PORT 2:M12 PORT 3:M12
	HL62003	H4630131120	PORT 1:M12 PORT 2:M12 PORT 3:M12		HL63001	HSV3360	PORTS:M12
	HL63002	HSV3367	PORT 1:M12 PORT 21:M14 PORT 22:M14		HL63003	H5001859718	PORT 1:M12 PORT 21:M14 PORT 22:M14
	HL63004	H1319557	PORT 1:NPT1/8 PORT 2:NPT1/8		HL63005	HWG2203250001	PORT 1:M16 VOSS PORT 21:M14 PORT 22:M14
	HL63006	HA-5000	PORTS:NPT1/8		HL63007	HSV3302	PORT 1:M12 PORT 2:M12
	HL63008	HSV3371	PORT 1:M12 PORT 21:M12 PORT 22:M12		HL63009	H1653156	PORT 1:M10 PORT 2:M10

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL63010	H81521706156			HL63011	H0022606157	PORT 1:Φ9 VOSS PORT 21:Φ9 VOSS PORT 22:Φ9 VOSS
	HL63012A HL63012B	H0750132024 (A) H0750132023 (B)	Φ100 Φ90		HL63013	H1669324	PORT 1:M16 PORT 2:M16
	HL63014	H1669297	SUP=NPT1/4 DEL=NPT1/4		HL63015	H8172628	
	HL63016	H20783875 H20557162 H20772366 H1521697 H39379	PORT 1:M10 PORT 12:M16 PORT 21,22:4*Φ10		HL63017	H0501209434	
	HL64001	H4630360000	PORT 1:M10 PORT 2:M10		HL64002	H541L9101	PORT 1:M10 PORT 2:M10 PORT 4:M10
	HL64003	H800516	PRIMARY SUPPLY PORT: NPT1/4 SECONDARY SUPPLY PORT: NPT1/4 TRAILER DELIVERY PORT: NPT1/4 TRACTOR DELIVERY PORT: NPT1/4 EX-HAUST PORT:NPT1/4		HL64004	H276566	SUPPLY PORT: NPT1/8 DELIVERY PORT: NPT1/8 EXHAUST PORT: NPT1/8

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL64005	H0012602057	PORT 1,2,4:NPT1/8 PORT 41:NPT1/8		HL64006	H4630220200	PORT 1:M10 PORT 2:M10
	HL64007A HL64007B	H4630630030(A) H4630630020(B)	PORT 1:M12 PORT 41:M10		HL64008	HZF050128630	PORT 1:M12 PORT 21,22:2-Φ10 PORT 4:M10
	HL64009	H50000673571	PORT 1:M10 PORT 21,22:M10 PORT 22:M10		HL64010	H4630360050	PORT 1:M16 PORT 2:M16 PORT 3:M10
	HL64011	H5710031040	PORT 1:M10 PORT 2:M10		HL64012	H4213500870 H9302600063 H9302600163	
	HL64013	H4213500880			HL64014	H4213520820 H0022609563	
	HL64015	H21596642			HL64016	H501211290	


QUICK RELEASE/SINGLE CHECK VALVE

Item	HL No.	REF No.	Technical Parameters
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HL65001 H4342080000 PORT 2,11,12:M22
 HL65002 H4342080090 PORT 2,11,12:M16


DOUBLE CHECK




HL65003 H44510-1090 PORT 1:NPT3/8
 PORT 2:NPT3/8



HL65004 H44510-1190 PORT 1:NPT3/8
 PORT 2:NPT3/8




HL65005 H4340140000 PORT 1:M22
 PORT 2:M22




HL65006 HKN23010 SUPPLY PORT:
 NPT3/8
 DELIVERY PORT:
 NPT3/8




HL65007 H4342080290 PORT: M16
 HL65008 H4342080280



HL65009 H295358 H280479 PORT: M16




HL65010 H0481027024 PORT: M22




HL65011 H4528020000



HL65012 H229635



HL65013 H5801279152 H2673108




HL65014 H228600

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QUICK RELEASE/SINGLE CHECK VALVE


Item	HL No.	REF No.	Technical Parameters
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HL65015 H5010224047




HL65016 H352019001




HL65017 H4615130000



HL66001 H229813 SUPPLY PORT:
 NPT3/8
 DELIVERY PORT:
 2-NPT1/4



HL66002 H973 5000000 SUPPLY PORT 1:
 M22
 DELIVERY PORT 2:
 2-M22
 EXHAUST PORT 3:
 M22




HL66001A H229844 SUPPLY PORT:
 NPT1/2
 DELIVERY PORT:
 2-NPT1/4




HL66002A H973 5000060 SUPPLY PORT 1:
 M16
 DELIVERY PORT 2:
 2-M16
 EXHAUST PORT 3:
 M16




HL66001B H229859 SUPPLY PORT:
 NPT3/8
 DELIVERY PORT:
 2-NPT3/8



HL66002B H9735000030 SUPPLY PORT 1:
 NPT3/8
 DELIVERY PORT 2:
 2-NPT3/8
 EXHAUST PORT 3:
 NPT3/8



HL66001C H229860 SUPPLY PORT:
 NPT1/2
 DELIVERY PORT:
 2-NPT3/8


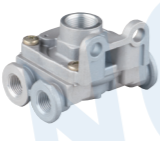



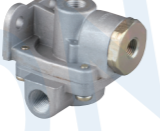

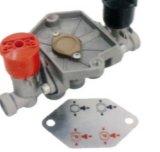


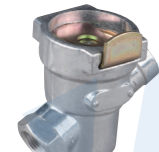



HL66002C H9735000140 SUPPLY PORT 1:
 NPT1/2
 DELIVERY PORT 2:
 2-NPT3/8
 EXHAUST PORT 3:
 NPT3/8



HL66003 H45151-90004 SUPPLY PORT:
 NPT1/2
 DELIVERY PORT:
 2-NPT3/8

QUICK RELEASE/SINGLE CHECK VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL66004	H9735000510	SUPPLY PORT 1: M22 DELIVERY PORT 2: 4-M16 EXHAUST PORT 3: M22		HL66005	H9735000380	PORT 1,3:M22 VOSS PORT 21,22,23,24: M16 VOSS
	HL66006	H9750010000	SUPPLY PORT: M22 DELIVERY PORT: M22		HL66007	HKN32010	SUPPLY PORT: NPT1/2 DELIVERY PORT: NPT3/8
	HL66008	H9735000280	PORT 1,21,22: M22 VOSS PORT 23:M16 VOSS		HL66009	H289714	SUPPLY PORT 1: NPT1/4 DELIVERY PORT 2: 2-NPT3/8 EXHAUST PORT 3: NPT1/4
	HL66101	H352045001	PORT 1:M16 PORT 11:M16 PORT 21:M16		HL66102A HL66102B	H9630010500(A) H9630010510(B)	PORT 1-1:M16 PORT 1-2:M16 PORT 21:M16 PORT 21:M16
	HL66103	H9710029000	PORT 1-1:M16 PORT 1-2:M16 PORT 4:M16 PORT 21:M16 PORT 21:M16		HL66104A HL66104B	H9630010120 H9630010130	PORT 1:M16 PORT 2:Φ21.5 PORT 1:M22 PORT 2:Φ21.5
	HL67001	H4325000200	PORT 1:M22 PORT 2:M22		HL67002	H4757100000	PORT 1,2,4:M16

QUICK RELEASE/SINGLE CHECK VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL67003	H4630320200	PORT 1:M16 PORT 21,22,23,24:M12		HL67004	H4520021070	PORT 1:M22 PORT 2:M22
	HL67005	H4756040110	PORT 1:M22 PORT 2:M22		HL67006	H9343000030	PORT :M22
	HL67007	H2005105	PORT:M22		HL67010	H4757120040	PORT 1,2:M16 PORT 1-2:M22 PORT 2(SIDE):M22 PORT 2(UNDER):M16 COMMENTS: INELET PORT FILTERS
	HL67011	H4757155000	PORT 1/4,2,1-2:M22 PORT 1,2:M16 PORT 41,42:M12		HL67012A HL67012B	H0000720112(A) H0000721512(B)	ROD END:M6 PORTS:M12(6L) ROD END:M8 PORTS:M12(6L)
	HL67013	H0004304926	ROD END:M8 PORTS:M12(6L)		HL67014	H12105	PORT:NPT1/4
	HL67015	H4757110750	PORT 1:M22 PORT 2:2×M16 PORT 4:M16 PORT 41/42:2×M12		HL67016	H4757145000	PORT 1:M22 PORT 2:2×M16 PORT 41/42:2×M12

QUICK RELEASE/SINGLE CHECK VALVE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL72001	H43431-76000	PORTS: CONTROL-RC1/4 INSTALLATION PLATE HOLE:Φ10.5		HL72002	H670046	PORTS: CONTROL-RC1/4 INSTALLATION PLATE HOLE:Φ10.5
POWER SHIFT							
	HL72003	HX3099-350	PORTS: CONTROL-RC1/4 INSTALLATION PLATE HOLE:Φ10.5		HL72004	H4220100140	PORT 41,42:M12
POWER SHIFT							
	HL72005	H4220100100	PORT 41,42:M12		HL72006	90554151	
	HL72007	H01501VS			HL72008	13250	
	HL72009	281932DV2			HL72010	KN2003	
	HL72011	800333			HL72012	228928	

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GEARSHIFT HANDLE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL68002	HA-6915			HL68003	HA-6909	
	HL68004	HA-6913			HL68005	HA-6918	
	HL68006	H4630690070			HL68007	H20488052	COMMENT: 6 SPEED+R+C
					HL68007A	H20488063	COMMENT: 8 SPEED+R
	HL68008	H8197010.6011	COMMENT: 8 SPEED of PORTS:3		HL68009	H4630550500	COMMENT: 8 SPEED+R
	HL68008A	H8197010.6010(A)	COMMENT: 8 SPEED of PORTS:2		HL68009A	H4630490500(A)	COMMENT: 6 SPEED+R+C
	HL68010	H4630850000			HL68011	H5010545743	
	HL68012	H5000450912			HL68013	H5010639250	

GEARSHIFT HANDLE

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL68014	H5010545741			HL68015	H1727377	COMMENT: 6 SPEED+R+C
	HL68016	H1727378	COMMENT: 6 SPEED+R		HL68017	H1441235	COMMENT: 8 SPEED+R+C
	HL68018A	H1377386(A)	COMMENT: 6 SPEED+C+RH/RL		HL68019	H1369975	COMMENT: 8 SPEED+R+C+H/RL
	HL68018B	H1482997(B)					
	HL68020	H384970	COMMENT: 10 SPEED+R		HL68021	H463 069 003 0	
	HL68022	H9432601209			HL68023	H000260329	
	HL68024	H21937969 H21073025 5H21456377			HL68025	H22583048 H22230455	

SPRING BRAKE CHAMBER

Item	HL No.	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
	HL91001	T3030DD	64/64	M16	M16	120.7	M16	yourself
	HL91003	T2430DD	64/64	M16	M16	120.7	M16	yourself
	HL91004	T2424DD	64/64	M16	M16	120.7	M16	yourself
	HL91005	T2024DD	64/64	M16	M16	120.7	M16	yourself
	HL91006	T1624DD	64/64	M16	M16	120.7	M16	yourself
	HL91001A	T3030DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL91003A	T2430DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL91004A	T2424DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL91005A	T2024DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL91006A	T1624DD	64/64	3/8"NPT	5/8"-11UNC	76.2	5/8"-18UNF	yourself
	HL91002	T3030DD	64/64	3/8"NPT	M16	120.7	M16	yourself
	HL91002A	T3030DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL91002B	T2430DD	64/64	3/8"NPT	M16	120.7	M16	yourself
	HL91002C	T2430DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL91002D	T2424DD	64/64	3/8"NPT	M16	120.7	M16	yourself
	HL91002E	T2424DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL92001	T3030DD	64/64	M16	M16	120.7	----	15mm
	HL92002	T2430DD	64/64	M16	M16	120.7	----	15mm
	HL92003	T2424DD	64/64	M16	M16	120.7	----	15mm
	HL92004	T2024DD	64/64	M16	M16	120.7	----	15mm
	HL92005	T1624DD	57/57	M16	M16	120.7	----	15mm
	HL93001	T3030DP	64/64	M16	M16	120.7	M16	285mm
	HL93002	T3030DP	64/64	M16	M16	120.7	M16	yourself
	HL93003	T2424DP	64/64	M16	M16	120.7	M16	285mm
	HL93004	T2424DP	64/64	M22	M16	120.7	M16	285mm
	HL93005	T2430DP	64/64	M16	M16	120.7	M16	285mm
	HL93006	T1624DP	57/57	M16	M16	120.7	M16	285mm

Item	HL No.	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
	HL94005	T3030DD	64/64	M16	M16	120.7	----	15mm
	HL94001	T2430DD	64/64	M16	M16	120.7	----	15mm
	HL94002	T2424DD	64/64	M16	M16	120.7	----	15mm
	HL94003	T2024DD	57/57	M16	M16	120.7	----	15mm
	HL94004	T1624DD	57/57	M16	M16	120.7	----	15mm
	HL95001	T2424DP	57/57	M16	M16	120.7	M16	110mm
	HL95002	T2020DP	57/57	M16	M16	120.7	M16	110mm
	HL95003	T3024DP	64/64	M16	4-M16	120.7	M16	390mm
	HL95004	T2024DP	45/45	2-1/4"NPT	4-M16	120.7	M18	375mm
	HL96001	T30	64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL96002	T24	64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL96003	T20	64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
	HL96004	T16	57	3/8"NPT	7/6-14UNC	76	1/2"-20UNF	yourself
	HL96005	T12	45	3/8"NPT	7/6-14UNC	76	1/2"-20UNF	yourself
	HL96006	T9	45	3/8"NPT	7/6-14UNC	76	1/2"-20UNF	yourself

Item	HL No.	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
	HL96001A	T30	64	3/8"NPT	M16	120.7	M16	yourself
	HL96002A	T24	64	3/8"NPT	M16	120.7	M16	yourself
	HL96003A	T20	64	3/8"NPT	M16	120.7	M16	yourself
	HL96004A	T16	57	3/8"NPT	M16	120.7	M16	yourself
	HL96001B	T30	64	M16	M16	120.7	M16	yourself
	HL96002B	T24	64	M16	M16	120.7	M16	yourself
	HL96003B	T20	57	M16	M16	120.7	M16	yourself
	HL96004B	T16	57	M16	M16	120.7	M16	yourself
	HL96001C	T30L	64	2-M16	M16	120.7	M16	yourself
	HL96002C	T24L	64	2-M16	M16	120.7	M16	yourself
	HL96003C	T20L	64	2-M16	M16	120.7	M16	yourself
	HL96004C	T16L	64	2-M16	M16	120.7	M16	yourself
	HL97001	T30	64	2-M16	M16	120.7	----	15mm
	HL97002	T24	64	2-M16	M16	120.7	----	15mm
	HL97003	T20	57	2-M16	M16	120.7	----	15mm
	HL97004	T16	57	2-M16	M16	120.7	----	15mm
	HL98001	T12-6200	52	M16	1 3/4-12UNF	----	----	----
	HL98001A	T9-6200	52	M16	1 3/4-12UNF	----	----	----
	HL98001B	T12-1600	52	M16	1 3/4-12UNF	----	----	----
	HL98002	T12	52	M16	1 3/4-12UNF	----	----	----
	HL98002A	T9	52	M16	1 3/4-12UNF	----	----	----
	HL98002B	T16	52	M16	1 3/4-12UNF	----	----	----
	HL98002C	T24	52	M16	1 3/4-12UNF	----	----	----

SPRING BRAKE CHAMBER


Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL94006	HBV9303DCP			HL94007	HK028253/ KZ1254	
	HL94008	HBT5800	TYPE:T20/27DD		HL94009	HBS8500	TYPE:T24/30DP
	HL94010	BS9510	TYPE:T24/14		HL94011	H4231039000	TYPE:T12
	HL99001		TYPE:T36/T30/T20/ T16/T12		HL99002		
	HL99003A		TYPE:T30/30DD, T24/24DD		HL99004		
	HL99005		TYPE:T30/30DD		HL99006		

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CLUTCH SERVO

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL71001	H9700511020	DIA:75mm AIR:M16 HYD:M14 STROKE:67mm		HL71002	H9700511070	DIA:102mm AIR:M16 HYD:M14 STROKE:58.5mm
	HL71003	H9700511110	DIA:75mm AIR:M16 HYD:M14 STROKE:85mm		HL71004	H9700511140	DIA:75mm AIR:M16 HYD:M14 STROKE:67mm
	HL71004A	H9700511260	DIA:75mm AIR:M16 HYD:M14 STROKE:67mm		HL71005	H9700511240	DIA:102mm AIR:M16 HYD:M14 STROKE:58mm
	HL71006	H9700511280	DIA:102mm AIR:M16 HYD:M14 STROKE:58.5mm		HL71007	H9700511310	DIA:85mm AIR:M16 HYD:M14 STROKE:72mm
	HL71008 HL71008A	H9700511320 H9700511700(A)	DIA:102mm AIR:M16 HYD:M14 STROKE:85mm		HL71009	H9700511370	DIA:75mm AIR:M16 HYD:M14 STROKE:85mm
	HL71010	H9700511510	DIA:85mm AIR:M16 HYD:M14 STROKE:65mm		HL71011	H9700511570	DIA:102mm AIR:M16 HYD:M14 STROKE:85mm

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
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HL71012 H9700511580
DIA:102mm
AIR:M16
HYD:M14
STROKE:75mm




HL71013 H9700511590
DIA:102mm
AIR:M16
HYD:M14
STROKE:75mm



HL71014 H9700511640
DIA:102mm
AIR:M16
HYD:M14
STROKE:85mm




HL71015 H9700511760
DIA:102mm
AIR:M16
HYD:M14
STROKE:85mm




HL71016 H9700511900
DIA:85mm
AIR:M16
HYD:M14
STROKE:60mm




HL71017 H9700511920
DIA:100mm
AIR:M16
HYD:M14
STROKE:58.5mm



HL71018 H9700512090
DIA:102mm
AIR:M16
HYD:M14
STROKE:58.5mm




HL71018A H9700512180
DIA:102mm
AIR:M16
HYD:M14
STROKE:23mm




HL71019 H9700514020
DIA:102mm
AIR:M16
HYD:M14
STROKE:25.2mm



HL71020 H9700514060
DIA:75mm
AIR:M22 VOSS
HYD:M14
STROKE:85mm




HL71021 H9700514230
DIA:102mm
AIR:M16
HYD:M14
STROKE:85mm




HL71021A H9700514070
DIA:102mm
AIR:M16
HYD:M14
STROKE:85mm


Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
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HL71022 H9700514310
HL71022A H9700514050(A)
DIA:102mm
AIR:M16
HYD:M14
STROKE:85mm




HL84023 H9700514350
DIA:75mm
AIR:M16
HYD:M14
STROKE:85mm




HL84024 H9700514360
DIA:102mm
AIR:M16
HYD:M14
STROKE:85mm



HL71025 H9700514370
DIA:102mm
AIR:M22 VOSS
HYD:M14
STROKE:85mm




HL71025A H9700513070
DIA:102mm
AIR:M22 VOSS
HYD:M14
STROKE:85mm




HL71026 H9700514440
DIA:75mm
AIR:M22 VOSS
HYD:M14
STROKE:85mm




HL71027 H9705104460
HL71027A H9700514120(A)
DIA:102mm
AIR:M22 VOSS
HYD:M14
STROKE:85mm




HL71028 H9700514550
DIA:102mm
AIR:M16
HYD:M14
STROKE:25.2mm



HL71030 HAPGA1605/P
DIA:63.5mm
AIR:1/8-27NPTF
HYD:7/16-20NPTF
STROKE:



HL71031 HAPGA16XX
DIA:63.5mm
AIR:1/8-27NPTF
HYD:7/16-20NPTF
STROKE:




HL71032 HAPGA1610/4
DIA:75mm
AIR:M16
HYD:
STROKE:67mm




HL71033 HVG3200
HL71033A HVG3204(A)
DIA:75mm
AIR:M16
HYD:M14
STROKE:84mm


Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
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 HL71034 HVG3208
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:84mm


 HL71035 HVG3213
 HL71035A HVG3229(A)
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:84mm


 HL71036 HVG3261
 DIA:102mm
 AIR:M16
 HYD:M14
 STROKE:84mm


 HL71037 HVG3285
 DIA:70mm
 AIR:M16
 HYD:M14
 STROKE:40mm

 HL71038 HVG3361
 DIA:102mm
 AIR:M16
 HYD:M14
 STROKE:70mm


 HL71039 H63566103
 DIA:63.5mm
 AIR:3/8-24UNF
 HYD:7/16-20UNF
 STROKE:


 HL71040 H627479AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:58mm

 HL71041 H622107AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:50mm


 HL71042 H622190AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:70mm

 HL71043 H622199AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:70mm


 HL71044 H625359AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:27.5mm

 HL71045 H625586AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:85mm


Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
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 HL71046 H626392AM
 DIA:80mm
 AIR:M16
 HYD:M14
 STROKE:50mm


 HL71047 H626639AM
 DIA:95mm
 AIR:M16
 HYD:M14
 STROKE:70mm


 HL71048 H627052AM
 DIA:100mm
 AIR:M22 VOSS
 HYD:M14
 STROKE:85mm


 HL71049 H627612AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:68mm


 HL71050 H628275AM
 HL71050A H628259AM(A)
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:85mm


 HL71051 H628276AM
 HL71051A H628277AM(A)
 DIA:80mm
 AIR:M16
 HYD:M14
 STROKE:85mm


 HL71052A H628494AM
 DIA:100mm
 AIR:M16
 HYD:M14
 STROKE:85mm

 HL71053 H642-03080
 DIA:70mm
 AIR:M14
 HYD:M12
 STROKE:35mm

 HL71054 H642-03502
 DIA:90mm
 AIR:M14
 HYD:M12
 STROKE:35mm

 HL71055 H642-03505
 DIA:105mm
 AIR:M14
 HYD:M12
 STROKE:35mm

 HL71058 HWG9114230022
 DIA:75mm×22mm
 AIR:M16
 HYD:M14
 STROKE:75mm

 HL71059 HWG9114230023
 DIA:90mm×22mm
 AIR:M16
 HYD:M14
 STROKE:67mm

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL71060	HWG9114230025	DIA:102mm×22mm AIR:M16 HYD:M14 STROKE:60mm		HL71061	HVG3268	DIA:100mm AIR:M16 HYD:M14 STROKE:84mm
	HL71062	HVG3288	DIA:100mm AIR:M16 HYD:M14 STROKE:84mm		HL71063	H629300AM	DIA:100mm AIR:M16 HYD:M14 STROKE:70mm
	HL71064	H9700514380	DIA:102mm AIR:M22 VOSS HYD:M14 STROKE:25.5mm		HL71065	H9700514390	DIA:102mm AIR:M16 HYD:M14 STROKE:25.2mm
	HL71066	H9700514220	DIA:102mm AIR:M22 VOSS HYD:M14 STROKE:75mm		HL71067	H9700511790	DIA:76mm AIR:M16 HYD:M14 STROKE:67mm
	HL71068	H9700511250	DIA:102mm AIR:M16 HYD:M14 STROKE:70mm		HL71069	H9701500010	PORT 1:M16
	HL71070	HK015875N50			HL71071	HK013727N50	

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL71072	H1000139593AM			HL71073	H1000443286AM	
	HL71074	H1000178631AM 1927825			HL71075	H1000129485AM 7421204549	
	HL71076	H1000443297AM 22085058			HL71077	H1000845261AM	
	HL71078	H53201609510			HL71079	H11160241040	
	HL71080	DZ93189230080			HL71081	H20524585	

AIR HOSE、ELECTRIC COUPLER

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL41001		SPECIFIION:22 COILS COMMENT:Red/Yellow/ Bule/Black		HL41002		SPECIFIION:22 COILS COMMENT:Red/Yellow/ Bule/Black
AIR HOSE				AIR HOSE			
	HL41003		SPECIFIION:22 COILS COMMENT:Red/Yellow/ Bule/Black		HL41004		
AIR HOSE				AIR HOSE			
	HL41005		COMMENT:Red/Yellow/ Bule/Black		HL42001		
AIR HOSE WITH GUN				7 ELECTRIC COIL			
	HL42003				HL43001		
7 ELECTRIC COIL				ELECTRIC COUPLER			
	HL43002				HL43003		
ELECTRIC COUPLER				ELECTRIC COUPLER			
	HL45013				HL45014		PORTS:M6/M8/M10/ M12
				7 UNIT SETS			

GLAND HEAD

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL44001	H334026011	PORTS:M22 RED-NO CHECK		HL44003	H334026031	PORTS:M16 RED-NO CHECK
	HL44002	H334025011	PORTS:M22 YELLOW-NO CHECK		HL44004	H334025031	PORTS:M16 YELLOW-NO CHECK
	HL44005/ 44006/ 44007	H11450(YELLOW) H11451(RED) H11452(BLUE)	YELLOW UNIVERSAL RED EMERGENCY BLUE SERVICE PORTS:1/2"NPT		HL44008	H9522010020	PORTS:M16 RED-NO CHECK
	HL44010	H4522002110	PORTS:M22 RED AUTOMATIC		HL44011	H4522002120	PORTS:M22 YELLOW AUTOMATIC
	HL44015	H4522000120	PORTS:M22 YELLOW ORDINARY		HL44014	H4522000110	PORTS:M22 RED ORDINARY
	HL44012	H9522002210	PORTS:M16 RED AUTOMATIC		HL44013	H9522002220	PORTS:M16 YELLOW AUTOMATIC
	HL44017	H9522000220	PORTS:M16 YELLOW ORDINARY		HL44016	H9522000210	PORTS:M16 RED ORDINARY
	HL44018	H12-308	PORTS:3/8"-14UNS RED EMERGENCY		HL44020	H12-138	PORTS:3/8"-14UNS RED EMERGENCY
	HL44019	H12-306	PORTS:3/8"-14UNS BLUE SERVICE		HL44021	H12-136	PORTS:3/8"-14UNS BLUE SERVICE

QUICK COUPLING

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL45001		PORTS:1/2"NPT M16,M22		HL45002		PORTS:1/2"NPT
	HL45003		PORTS:1"NPT		HL45004		PORTS:1/2"NPT
	HL45005		PORTS:M20		HL45006		PORTS:M27
	HL45007		PORTS:M22		HL45008		PORTS:M22
	HL45009		PORTS:1/2"NPT		HL45011		PORTS:Φ4,5,6,8,10,12, 14,16
	HL45012		PORTS:Φ4,5,6,8,10,12, 14,16		HL45011B		PORTS:Φ4,5,6,8,10,12, 14,16
	HL45011A		PORTS:Φ4,5,6,8,10,12, 14,16		HL45012B		PORTS:Φ4,5,6,8,10,12, 14,16
	HL45012A		PORTS:Φ4,5,6,8,10,12, 14,16				

HUB COVER

Item	HL No.	TYPE	Technical Parameters	Item	HL No.	TYPE	Technical Parameters
	HL46001	10T	SIZE:115×3 Outside Thread		HL46002	12T	SIZE:125×2 Outside Thread
	HL46003	12T	SIZE:135×3 Inside Thread		HL46004	14T	SIZE:135×3 Outside Thread
	HL46005	14T	SIZE:148×2 Inside Thread		HL46006	16T	SIZE:155×3 Outside Thread
	HL46007	24T	SIZE:170×3 Outside Thread		HL46008	32T	SIZE:228×3 Outside Thread
	HL46009	H343-4075	SIZE:6-1/4"×8 UN Outside Thread		HL46010		SIZE:58×3 Outside Thread

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL31001	H283411	STYLE:1HOLE 37TEETH ARMLNGTH:6" SPLINE:1 5/8" BUSHING:Φ12.7		HL31002	HKN55001	STYLE:1HOLE 24TEETH ARMLNGTH:5.5" SPLINE:1 1/4" BUSHING:Φ12.7
	HL31003	H286965	STYLE: 2HOLES 28TEETH ARMLNGTH:6",5" SPLINE:1 1/2" BUSHING:Φ12.7		HL31004	H278323	STYLE: 3HOLES 10TEETH ARMLNGTH:7",6",5" SPLINE:1 1/2" BUSHING:Φ12.7
	HL31005	H278305	STYLE: 3HOLES 10TEETH ARMLNGTH:7",6",5" SPLINE:1 1/4" BUSHING:Φ12.7		HL32001		STYLE: 2HOLES 10TEETH ARMLNGTH:6.5",5.5" SPLINE:1 1/2" BUSHING:Φ12.7
	HL32002	H0517454700	STYLE: 4HOLES 10TEETH ARMLNGTH: 250,180,150,120 SPLINE:1 1/2" BUSHING:Φ14		HL32003	H0517452610	STYLE: 5HOLES 10TEETH ARMLNGTH: 250,220,180,150,120 SPLINE:1 1/2" BUSHING:Φ14
	HL32004	H0517465220	STYLE: 6HOLES 10TEETH ARMLNGTH: 250,180,165,150,135,120 SPLINE:1 1/2" BUSHING:Φ14		HL32005	H0517465130	STYLE: 7HOLES 10TEETH ARMLNGTH: 250,195,180,165, 150,135,120 SPLINE:1 1/2" BUSHING:Φ14
	HL32006		STYLE: 4HOLES 27TEETH ARMLNGTH: 262,241,211,171 SPLINE:42.8		HL32007	HTX90156	STYLE: 5HOLES 37TEETH ARMLNGTH: 180,150,130,105 SPLINE:40.8

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL32008	H288540	STYLE: 2HOLES 10TEETH ARMLNGTH: 166.5,141.6 SPLINE:1 1/2" BUSHING:Φ12.7		HL32011	H3454207438	STYLE: 1HOLE 26TEETH ARMLNGTH:138 SPLINE:1 1/2" BUSHING:Φ14
	HL32012	H3464201738	STYLE: 1HOLE 26TEETH ARMLNGTH:145 SPLINE:1 1/2" BUSHING:Φ14		HL32014	H3464201738	STYLE: 1HOLE 26TEETH ARMLNGTH:145 SPLINE:1 1/2" BUSHING:Φ14
	HL32013	H3464201838			HL32015	H3464201838	
	HL32016	HK51000	STYLE: 1HOLE 10TEETH ARMLNGTH:6" SPLINE:1 1/2" BUSHING:Φ12.7		HL32017	H5320-3501136	STYLE: 1HOLE 10TEETH ARMLNGTH:125 SPLINE:1 1/2" BUSHING:Φ12.7
	HL32018A	H5320-3502136(A)	STYLE: 1HOLE 10TEETH ARMLNGTH:125 SPLINE:1 1/2" BUSHING:Φ12.7		HL32019A	H5511-3502136(A)	STYLE: 1HOLE 10TEETH ARMLNGTH:125 SPLINE:1 1/2" BUSHING:Φ12.7
	HL32018B	H5320-3502237(B)			HL32019B	H5511-3502237(B)	
	HL32020	H120-3501136	STYLE: 1HOLE 10TEETH ARMLNGTH:102 SPLINE:1 1/2" BUSHING:Φ12.7		HL32021	H120-3502336	STYLE: 1HOLE 10TEETH ARMLNGTH:102,125 SPLINE:1 1/2" BUSHING:Φ12.7
	HL32022A	H1448114(A)	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ16		HL32023	H1448113	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ16
	HL32022B	H1448115(B)					

SLACK ADJUSTER

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL32024A HL32024B	H1448120(A) H1448121(B)	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ16		HL32025A HL32025B	H54321-3502135(A) H54321-3502136(B)	STYLE: 1HOLE 25TEETH ARMLNGTH:150 SPLINE:1 1/2" BUSHING:Φ12
	HL32026A HL32026B	H64226-3502135-010(A) H64226-3502136-010(B)	STYLE: 1HOLE 25TEETH ARMLNGTH:150 SPLINE:1 1/2" BUSHING:Φ12		HL32027A HL32027B	H64226-3502135(A) H64226-3502136(B)	STYLE: 1HOLE 25TEETH ARMLNGTH:150 SPLINE:1 1/2" BUSHING:Φ12
	HL32028A HL32028B	H103-3501136(A) H64226-3501136(B)	STYLE: 2HOLE 10TEETH ARMLNGTH:125,150 SPLINE:1 1/2" BUSHING:Φ12		HL33001A HL33001B	H72660(A) H72661(B)	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ16
	HL33002A HL33002B	H72663(A) H72664(B)	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ16		HL33003A HL33003B	H72784(A) H72785(B)	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ12.7
	HL33004	H79034	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ16		HL33005A HL33005B	H79442(A) H79443(B)	STYLE: 1HOLE 10TEETH ARMLNGTH:165 SPLINE:1 1/2" BUSHING:Φ16
	HL33006A HL33006B	H72678(A) H72166(B)	STYLE: 1HOLE 10TEETH ARMLNGTH:140 SPLINE:1 1/2" BUSHING:Φ12.7		HL33007A HL33007B	H79336(A) H79337(B)	STYLE: 2HOLE 10TEETH ARMLNGTH:152,179 SPLINE:1 1/2" BUSHING:Φ14

SLACK ADJUSTER

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL33008A HL33008B	H79208(A) H79209(B)	STYLE: 1HOLE 26TEETH ARMLNGTH:145 SPLINE:1 1/2" BUSHING:Φ14		HL33009A HL33009B	H79304(A) H79305(B)	STYLE: 1HOLE 28TEETH ARMLNGTH:160 SPLINE:1 1/2" BUSHING:Φ12.7
	HL33010A HL33010B	H70952(A) H70953(B)	STYLE: 1HOLE 26TEETH ARMLNGTH:145 SPLINE:1 1/2" BUSHING:Φ14		HL33011A HL33011B	H72062(A) H72063(B)	STYLE: 1HOLE 26TEETH ARMLNGTH:145 SPLINE:1 1/2" BUSHING:Φ14
	HL33012	H79186	STYLE: 1HOLE 26TEETH ARMLNGTH:145 SPLINE:1 1/2" BUSHING:Φ14		HL33013A HL33013B	H79219(A) H79220(B)	STYLE: 1HOLE 26TEETH ARMLNGTH:130 SPLINE:1 1/2" BUSHING:Φ14
	HL33014A HL33014B	H79288(A) H79289(B)	STYLE: 1HOLE 28TEETH ARMLNGTH:160 SPLINE:1 1/2" BUSHING:Φ12.7		HL33015	H72875	STYLE: 6HOLE 10TEETH ARMLNGTH: 120,135,150,165,180,250 SPLINE:1 1/2" BUSHING:Φ14
	HL33016	H79005	STYLE: 6HOLE 10TEETH ARMLNGTH: 105,120,140,155,180,250 SPLINE:1 1/2" BUSHING:Φ14		HL33017A HL33017B	H70867(A) H79212(B)	STYLE: 1HOLE 26TEETH ARMLNGTH:145 SPLINE:1 1/2" BUSHING:Φ14
	HL33018	H79353	STYLE: 1HOLE 14TEETH ARMLNGTH:135 SPLINE:1 1/2" BUSHING:Φ12		HL33019A HL33019B	H79351(A) H79352(B)	STYLE: 1HOLE 14TEETH ARMLNGTH:135,165 SPLINE:1 1/2" BUSHING:Φ12

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	HL33019A HL33019B	H79351(A) H79352(B)	STYLE: 1HOLE 14TEETH ARMLENGTH:135,165 SPLINE:1 1/2" BUSHING:Φ12		HL33021	H79230	STYLE: 1HOLE 19TEETH ARMLENGTH:122 SPLINE:1 1/2" BUSHING:Φ14
	HL33022A HL33022B	H79231(A) H79232(B)	STYLE: 1HOLE 19TEETH ARMLENGTH:145 SPLINE:1 1/2" BUSHING:Φ14		HL33023	H79416	STYLE: 1HOLE 25TEETH ARMLENGTH:150 SPLINE:1 1/2" BUSHING:Φ16
	HL33024A HL33024B	H79567(A) H79568(B)	STYLE: 1HOLE 10TEETH ARMLENGTH:130 SPLINE:1 1/2" BUSHING:Φ12		HL33026	H80078	STYLE: 4HOLE 10TEETH ARMLENGTH: SPLINE:1 1/2" BUSHING:
	HL33027	H80019	STYLE: 6HOLE 10TEETH ARMLENGTH: SPLINE:1 1/2" BUSHING:Φ14		HL33028	H80020	STYLE: 5HOLE 10TEETH ARMLENGTH: SPLINE:1 1/2" BUSHING:Φ14
	HL33029	H80022	STYLE: 6HOLE 10TEETH ARMLENGTH: SPLINE:1 1/2" BUSHING:Φ14				

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
	R801041		5 1/2; 1 1/2-10		R801073		5 1/2; 1 1/2-28
	R801074		6; 1 1/2-28		R801003		5 1/2; 1 1/4-10
	R801004		5 1/2; 1 1/4-24		R802446 R802447		5 1/2; 1 1/2-28 L 5 1/2; 1 1/2-28 R
	R802486 R802487		6; 1 1/2-28 L 6; 1 1/2-28 R		AS1132		5 1/2; 1 1/2-10
	AS1133		6; 1 1/2-10		AS1140		5 1/2; 1 1/2-28
	AS1141		6; 1 1/2-28		AS1136		5 1/2; 1 1/4-10

SLACK ADJUSTER

Item	HL No.	REF No.	Technical Parameters	Item	HL No.	REF No.	Technical Parameters
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AS1138

5 1/2; 1 1/4-24



H40010212

6; 1 1/2-28



H40010143

5 1/2; 1 1/2-10



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