



FOOT BRAKE VALVE

HL NO.: HL81001
REF NO.: H461 315 008 0
TECHNICAL PARAMETERS:
PORT 11: M16x1.5
PORT 12: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5



FOOT BRAKE VALVE

HL NO.: HL81001C
REF NO.: H461 315 042 0
TECHNICAL PARAMETERS:
PORT 11: M16x1.5
PORT 12: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5
PORT 11,12: M12x1.5



E6 FOOT BRAKE VALVE

HL NO.: HL81010
REF NO.: H286171
TECHNICAL PARAMETERS:
SUPPLY PORTS: 4-NPT3/8
DELIVERY PORTS: 4-NPT3/8



FOOT BRAKE VALVE

HL NO.: HL81011
REF NO.: H268880
TECHNICAL PARAMETERS:
SUPPLY PORTS: 4-NPT3/8
DELIVERY PORTS: 4-NPT3/8
COMMENTS: E6 WITH PADAL



FOOT BRAKE VALVE

HL NO.: HL81002
REF NO.: H461 315 008 0
TECHNICAL PARAMETERS:
PORT 11: M16x1.5
PORT 12: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5
PORT 4: M12x1.5



FOOT BRAKE VALVE

HL NO.: HL81003
REF NO.: H461 315 248 0
TECHNICAL PARAMETERS:
PORT 11: M22x1.5 VOSS
PORT 12: M22x1.5 VOSS
PORT 21: M22x1.5 VOSS
PORT 22: M22x1.5 VOSS



E3 FOOT BRAKE VALVE

HL NO.: HL81012
REF NO.: H277863
TECHNICAL PARAMETERS:
SUPPLY PORTS(2) NPT1/2
AUX. SUPPLY PORTS(2) NPT1/4
DELIVERY PORTS (4) NPT1/2



FOOT BRAKE VALVE

HL NO.: HL81013
REF NO.: HMB4690
TECHNICAL PARAMETERS:
11,12,21,22: 8-M16x1.5
11,12,21: 3-M12x1.5



FOOT BRAKE VALVE

HL NO.: HL81004
REF NO.: H461 315 258 0
TECHNICAL PARAMETERS:
PORT 11: M22x1.5 VOSS
PORT 12: M22x1.5 VOSS
PORT 21: M22x1.5 VOSS
PORT 22: M22x1.5 VOSS



FOOT BRAKE VALVE

HL NO.: HL81005
REF NO.: H461 315 271 0
TECHNICAL PARAMETERS:
PORT 11: M22x1.5 VOSS
PORT 12: M22x1.5 VOSS
PORT 21: M22x1.5 VOSS
PORT 22: M22x1.5 VOSS
PORT 4: M16x1.5 VOSS



FOOT BRAKE VALVE

HL NO.: HL81014
REF NO.: H461 315 180 0
TECHNICAL PARAMETERS:
PORT 11: Φ12
PORT 12: Φ12
PORT 21: Φ12
PORT 22: Φ12



FOOT BRAKE VALVE

HL NO.: HL81015
REF NO.: HMB4694
TECHNICAL PARAMETERS:
AIR INLET: 11,12=M22x1.5
AIR DELIVERY: 21,22: M22x1.5



FOOT BRAKE VALVE

HL NO.: HL81006
REF NO.: H461 315 270 0
TECHNICAL PARAMETERS:
PORT 11: M22x1.5 VOSS
PORT 12: M22x1.5 VOSS
PORT 21: M22x1.5 VOSS
PORT 22: M22x1.5 VOSS
PORT 4: M16x1.5 VOSS



FOOT BRAKE VALVE

HL NO.: HL81007
REF NO.: H461 315 264 0
TECHNICAL PARAMETERS:
PORT 11: Φ15
PORT 12: Φ15
PORT 21: Φ15
PORT 22: Φ15



FOOT BRAKE VALVE

HL NO.: HL81016
REF NO.: HMB4694A
TECHNICAL PARAMETERS:
AIR INLET: 11,12=M22x1.5
AIR DELIVERY: 21,22: M22x1.5



FOOT BRAKE VALVE

HL NO.: HL81017
REF NO.: H461 315 604 0
TECHNICAL PARAMETERS:
PORT 11: M16x1.5
PORT 12: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5
PEDAL ANGLE: 30°



FOOT BRAKE VALVE

HL NO.: HL81008
REF NO.: H461 315 274 0
TECHNICAL PARAMETERS:
PORT 11: Φ15
PORT 12: Φ15
PORT 21: Φ15
PORT 22: Φ15
PORT 4: Φ10



FOOT BRAKE VALVE

HL NO.: HL81009/81009A
REF NO.: HMB4820
HMB4821(A)
TECHNICAL PARAMETERS:
PORT 11: M22x1.5
PORT 12: M22x1.5
PORT 21: M22x1.5
PORT 22: M22x1.5



FOOT BRAKE VALVE

HL NO.: HL81018
REF NO.: H461 491 102 0
TECHNICAL PARAMETERS:
PORT 11: M22x1.5
PORT 12: M22x1.5
PORT 21: M22x1.5
PORT 22: M22x1.5



FOOT BRAKE VALVE

HL NO.: HL81019
REF NO.: H461 307 200 0
TECHNICAL PARAMETERS:
PORT 11: M22x1.5
PORT 12: M22x1.5
PORT 21: M22x1.5
PORT 22: M22x1.5



E-7 FOOT BRAKE VALVE

HL NO.: HL81020
 REF NO.: H286773
 TECHNICAL PARAMETERS:
 SUPPLY: 2-NPT1/2,4-NPT1/4
 DELIVERY: 2-NPT1/2,4-NPT1/4



E-8P FOOT BRAKE VALVE

HL NO.: HL81021
 REF NO.: H800629
 TECHNICAL PARAMETERS:
 SUPPLY PORTS: 4-NPT3/8
 DELIVERY PORTS: 4-NPT3/8
 AUXILIARY PORTS: 1-NPT3/8



RELAY VALVE

HL NO.: HL82001
 REF NO.: H973 011 200 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 2: M22x1.5 VOSS
 PORT 41: M16x1.5 VOSS
 PORT 42: M16x1.5 VOSS



RELAY VALVE

HL NO.: HL82002
 REF NO.: H973 011 205 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 41: M16x1.5
 PORT 42: M16x1.5
 COMMENTS: WITH SILENCER



FOOT BRAKE VALVE

HL NO.: HL81022A
 REF NO.: H461 307 439 0
 TECHNICAL PARAMETERS:
 PORT 11: M16x1.5
 PORT 12: M16x1.5
 PORT 21: M16x1.5
 PORT 22: M16x1.5



FOOT BRAKE VALVE

HL NO.: HL81022B
 REF NO.: H461 307 479 0
 TECHNICAL PARAMETERS:
 PORT 11: M22x1.5
 PORT 12: M22x1.5
 PORT 21: M22x1.5
 PORT 22: M22x1.5



RELAY VALVE

HL NO.: HL82003/82003A
 REF NO.: H973 011 001 0
 H973 011 000 0(A)
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 2: M22x1.5 VOSS
 PORT 4: M16x1.5 VOSS



RELAY VALVE

HL NO.: HL82004
 REF NO.: H973 011 004 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 4: M16x1.5
 COMMENT: WITH SILENCER



FOOT BRAKE VALVE

HL NO.: HL81023
 REF NO.: H461 494 502 0
 TECHNICAL PARAMETERS:
 PORT 11: Φ12
 PORT 12: Φ12
 PORT 21: Φ12
 PORT 22: Φ12



RELAY VALVE

HL NO.: HL82005
 REF NO.: H973 011 002 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 4: M16x1.5



RELAY VALVE

HL NO.: HL82006
 REF NO.: H973 011 050 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21: M16x1.5
 PORT 22: M16x1.5
 PORT 23: M16x1.5
 PORT 4: M16x1.5 VOSS



RELAY VALVE

HL NO.: HL82007
 REF NO.: H973 011 201 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23: M16x1.5
 PORT 41: M16x1.5 VOSS
 PORT 42: M16x1.5 VOSS



RELAY VALVE

HL NO.: HL82008
 REF NO.: H973 011 206 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23: M22x1.5
 PORT 41: M16x1.5
 PORT 42: M16x1.5



RELAY VALVE

HL NO.: HL82009
 REF NO.: H973 001 010 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 4: M22x1.5



RELAY VALVE

HL NO.: HL82009A
 REF NO.: H973 001 020 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M16x1.5
 PORT 4: M16x1.5



RELAY VALVE
HL NO.: HL82010
REF NO.: H973 006 000 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M16x1.5
 PORT 4: M16x1.5



RELAY VALVE
HL NO.: HL82010A
REF NO.: H973 006 001 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 4: M16x1.5



RELAY EMERGENCY VALVE
HL NO.: HL82020
REF NO.: H281860
 TECHNICAL PARAMETERS:
 SUPPLY PORTS: 1-NPT3/4
 SERVICE PORT: 1-NPT1/4
 EMERGENCY PORT: 1-NPT1/4
 DELIVERY PORTS: 4-NPT1/4



RELAY EMERGENCY VALVE
HL NO.: HL82021
REF NO.: H110205
 TECHNICAL PARAMETERS:
 SUPPLY PORT: 1-NPT3/4
 DELIVERY PORTS: 4-NPT3/8
 EMERGENCY PORTS: 2-NPT3/8
 SERVICE PORT: 1-NPT3/8
 CARCK PRESSURE: 4.5 PSI



RELAY VALVE
HL NO.: HL82011
REF NO.: H973 006 003 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 2: M22x1.5
 PORT 4: M16x1.5



RG-2 RELAY VALVE
HL NO.: HL82012
REF NO.: HKN28500
 TECHNICAL PARAMETERS:
 SUPPLY PORTS: 2-NPT3/8
 DELIVERY PORTS: 2-NPT3/8
 CONTROL PORT: NPT1/4
 CONTROL POS: 90 DEG



RELAY EMERGENCY VALVE
HL NO.: HL82022
REF NO.: HKN30100
 TECHNICAL PARAMETERS:
 DELIVERY PORTS: 4-NPT1/4
 SUPPLY PORT: 1-NPT3/4
 SERVICE PORT: 1-NPT1/4
 EMERGENCY PORT: 1-NPT1/4



RELAY EMERGENCY VALVE
HL NO.: HL82023
REF NO.: H28600
 TECHNICAL PARAMETERS:
 SUPPLY PORT: 1-NPT3/8
 CONTROL PORT: 1-NPT1/4
 RESERVOIR PORT: 1-NPT3/4
 SERVICE BRAKE PORTS: 4-NPT3/8
 SPRING BRAKE PORTS: 2-NPT3/8



RELAY VALVE
HL NO.: HL82013A
REF NO.: H473 017 007 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 41: M22x1.5
 PORT 42: M22x1.5



R6 RELAY VALVE
HL NO.: HL82014
REF NO.: H279180
 TECHNICAL PARAMETERS:
 SUPPLY PORTS: 1-NPT3/8
 DELIVERY PORTS: 4-NPT3/8
 SERVICE PORT: 1-NPT1/4



RELAY EMERGENCY VALVE
HL NO.: HL82024
REF NO.: H971 002 152 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 1-2=M22x1.5
 PORT 4=M16x1.5
 PORT 2=4-M16x1.5+1-M22x1.5



RELAY EMERGENCY VALVE
HL NO.: HL82025
REF NO.: H971 002 150 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 1-2: M22x1.5
 PORT 4: M22x1.5



R-12H RELAY VALVE
HL NO.: HL82015
REF NO.: H103009
 TECHNICAL PARAMETERS:
 SUPPLY PORTS: 2-NPT3/4
 DELIVERY PORTS: 2-NPT1/2
 SERVICE PORT: 1-NPT1/4



R-14 RELAY VALVE
HL NO.: HL82017
REF NO.: H103028
 TECHNICAL PARAMETERS:
 SUPPLY PORTS: 1-NPT1/2
 DELIVERY PORTS: 4-NPT1/2
 SERVICE PORT: 1-NPT1/4
 BALANCE PORT : 1-NPT1/8



RELAY EMERGENCY VALVE
HL NO.: HL82026
REF NO.: H971 002 531 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 1-2: M22x1.5
 PORT 4: M22x1.5



RELAY EMERGENCY VALVE
HL NO.: HL82027
REF NO.: H971 002 300 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 1-2: M22x1.5
 PORT 4: M16x1.5



R-14H RELAY VALVE
HL NO.: HL82018
REF NO.: H103010
 TECHNICAL PARAMETERS:
 SUPPLY PORTS : 1-NPT3/4
 DELIVERY PORTS: 4-NPT1/2
 SERVICE PORT: 1-NPT1/4
 BALANCE PORT : 1-NPT1/8



R-12 RELAY VALVE
HL NO.: HL82019
REF NO.: H102626
 TECHNICAL PARAMETERS:
 SUPPLY PORTS : 1-NPT1/2
 DELIVERY PORTS: 4-NPT1/2
 SERVICE PORT: 1-NPT1/4



RELAY EMERGENCY VALVE
HL NO.: HL82027A
REF NO.: H971 002 304 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5
 PORT 1-2: M22x1.5
 PORT 4: M22x1.5



RELAY EMERGENCY VALVE
HL NO.: HL82028
REF NO.: H971 002 700 0
 TECHNICAL PARAMETERS:
 PORT 1-1: M22x1.5
 PORT 2: M22x1.5
 PORT 1-2: M22x1.5
 PORT 4: M16x1.5



RELAY EMERGENCY VALVE

HL NO.: HL82028A
REF NO.: H971 002 701 0
TECHNICAL PARAMETERS:
PORT 1-1: M16x1.5
PORT 2: M22x1.5
PORT 1-2: M22x1.5
PORT 4: M16x1.5



RELAY EMERGENCY VALVE

HL NO.: HL82029
REF NO.: H971 002 307 0
TECHNICAL PARAMETERS:
PORT 1: M22x1.5
PORT 2: M22x1.5
PORT 1-2: M22x1.5
PORT 4: M22x1.5



HAND BRAKE VALVE

HL NO.: HL83001/83001A
REF NO.: H961 723 102 0
H961 723 111 0(A)
TECHNICAL PARAMETERS:
PORT 1: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83002
REF NO.: H961 723 108 0
TECHNICAL PARAMETERS:
PORT 1: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5



ABS MODULATOR VALVE

HL NO.: HL82030
REF NO.: H950 364 047
TECHNICAL PARAMETERS:
DEL=M16x1.5
RES=M22x1.5
CON=M16x1.5



ABS MODULATOR VALVE

HL NO.: HL82031
REF NO.: H472 195 031 0
TECHNICAL PARAMETERS:
PORT 1: M22x1.5
PORT 2: M22x1.5
PORT 4: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83003A
REF NO.: H961 723 010 0
TECHNICAL PARAMETERS:
PORT 1: M16x1.5
PORT 2: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83004/83004A
REF NO.: H961 723 004 0
H961 723 022 0(A)
TECHNICAL PARAMETERS:
PORT 1: M16x1.5
PORT 2: M16x1.5



ABS MODULATOR VALVE

HL NO.: HL82031A
REF NO.: H472 195 020 0
TECHNICAL PARAMETERS:
PORT 1: M22x1.5
PORT 2: M22x1.5
PORT 4: M16x1.5



ABS RELAY MODULATOR

HL NO.: HL82032
REF NO.: H472 195 041 0
TECHNICAL PARAMETERS:
PORT 1: M22x1.5
PORT 2: M22x1.5
PORT 4: M16x1.5
VOLTAGE: 24V



HAND BRAKE VALVE

HL NO.: HL83005
REF NO.: H961 723 100 0
TECHNICAL PARAMETERS:
PORT 1: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83006/83006A
REF NO.: H961 723 104 0
H961 723 110 0(A)
TECHNICAL PARAMETERS:
PORT 1: M16x1.5 VOSS
PORT 21: M16x1.5 VOSS
PORT 22: M16x1.5 VOSS



RELAY VALVE

HL NO.: HL82033
REF NO.: HAC574AXY
TECHNICAL PARAMETERS:
PORT 1: M22x1.5
PORT 2: M22x1.5
PORT 4: M16x1.5



RELAY VALVE

HL NO.: HL82034
REF NO.: H973 001 221 0
TECHNICAL PARAMETERS:
PORT 1: M16x1.5
PORT 3: M16x1.5
PORT 2: M22x1.5
PORT 4: M22x1.5



HAND BRAKE VALVE

HL NO.: HL83007/83007A
REF NO.: H961 723 118 0
H961 723 112 0(A)
TECHNICAL PARAMETERS:
PORT 1: M16x1.5 VOSS
PORT 21: M16x1.5 VOSS
PORT 22: M16x1.5 VOSS



HAND BRAKE VALVE

HL NO.: HL83008/83008A
REF NO.: H961 722 150 0
H961 722 156 0(A)
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 2: M14x1.5



RELAY EMERGENCY VALVE

HL NO.: HL82035
REF NO.: H971 002 570 0
TECHNICAL PARAMETERS:
PORT 1: M22x1.5
PORT 2: M22x1.5
PORT 1-2: M22x1.5
PORT 4: M22x1.5



RELAY VALVE

HL NO.: HL82036
REF NO.: H480 202 004 0
TECHNICAL PARAMETERS:
PORT 1: M22x1.5
PORT 2: 2-M22x1.5
PORT 4: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83009
REF NO.: H961 722 160 0
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 2: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83010/83010A
REF NO.: H961 722 258 0
H961 722 269 0(A)
TECHNICAL PARAMETERS:
PORT 11: M14x1.5
PORT 21: M14x1.5
PORT 22: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83011
REF NO.: H961 722 152 0
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 2: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83012
REF NO.: H961 722 151 0
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 2: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83020
REF NO.: H961 701 105 0
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 2: M14x1.5
PORT 3: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83020A
REF NO.: H961 702 004 0
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 3: M14x1.5
PORT 21: M14x1.5
PORT 22: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83013
REF NO.: H961 722 252 0
TECHNICAL PARAMETERS:
PORT 11: M14x1.5
PORT 21: M14x1.5
PORT 22: M14x1.5



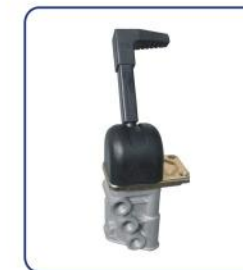
HAND BRAKE VALVE

HL NO.: HL83014
REF NO.: H961 722 212 0
TECHNICAL PARAMETERS:
PORTS: SLIDE LOCK



HAND BRAKE VALVE

HL NO.: HL83021
REF NO.: HDPM95AAX
PORT 1: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83022
REF NO.: H961 722 266 0
TECHNICAL PARAMETERS:
PORT 11: M14x1.5
PORT 21: M14x1.5
PORT 22: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83015
REF NO.: HAPSA5890
TECHNICAL PARAMETERS:
PORT 1: NPT1/4
PORT 2: NPT1/4



HAND BRAKE VALVE

HL NO.: HL83016A
REF NO.: HHB1142
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 2: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83023
REF NO.: HDPM66AK
TECHNICAL PARAMETERS:
PORT 11: φ 10
PORT 21: φ 10
PORT 22: φ 10



HAND BRAKE VALVE

HL NO.: HL83024
REF NO.: HDPM94AAX
PORT 1: M16x1.5
PORT 21: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83017
REF NO.: H961 722 314 0
PORT 11: M14x1.5
PORT 21: M14x1.5
PORT 22: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83018
REF NO.: H961 723 217 0
PORT 1: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83025
REF NO.: H961 723 125 0
TECHNICAL PARAMETERS:
PORT 1: M16x1.5
PORT 3: M16x1.5
PORT 21: M16x1.5
PORT 22: M16x1.5



HAND BRAKE VALVE

HL NO.: HL83026
REF NO.: H961 722 264 0
TECHNICAL PARAMETERS:
PORT 11: M14x1.5
PORT 12: M14x1.5
PORT 21: M14x1.5
PORT 23: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83019
REF NO.: H961 701 100 0
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 2: M14x1.5
PORT 3: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83019A
REF NO.: H961 702 001 0
TECHNICAL PARAMETERS:
PORT 1: M14x1.5
PORT 3: M14x1.5
PORT 21: M14x1.5
PORT 22: M14x1.5



HAND BRAKE VALVE

HL NO.: HL83027A/83027B
REF NO.: H961 724 204 0
H961 724 205 0
TECHNICAL PARAMETERS:



HAND BRAKE VALVE

HL NO.: HL83028
REF NO.: H961 724 208 0
TECHNICAL PARAMETERS:



LEVELING VALVE
HL NO.: HL84001
REF NO.: H464 007 011 0
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



LEVELING VALVE
HL NO.: HL84002
REF NO.: H464 007 010 0
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



LEVELING VALVE
HL NO.: HL84010
REF NO.: HSV1294
 TECHNICAL PARAMETERS:
 PORT 11: M12x1.5
 PORT 21: M12x1.5



LEVELING VALVE
HL NO.: HL84011
REF NO.: HSV1295
 TECHNICAL PARAMETERS:
 PORT 4: M12x1.5
 PORT 11: M12x1.5
 PORT 21: M12x1.5



LEVELING VALVE
HL NO.: HL84003
REF NO.: H464 007 001 0
 TECHNICAL PARAMETERS:
 PORT 1: ϕ 6mm
 PORT 2: ϕ 6mm



LEVELING VALVE
HL NO.: HL84004
REF NO.: H464 007 002 0
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



LEVELING VALVE
HL NO.: HL84012
REF NO.: HSV1307
 TECHNICAL PARAMETERS:
 PORT 11: M12x1.5
 PORT 21: M12x1.5



LEVELING VALVE
HL NO.: HL84013
REF NO.: HSV1318
 TECHNICAL PARAMETERS:
 PORT 4: M12x1.5
 PORT 11: M12x1.5
 PORT 21: M12x1.5



LEVELING VALVE
HL NO.: HL84005
REF NO.: H464 007 003 0
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



LEVELING VALVE
HL NO.: HL84006
REF NO.: H464 006 000 0
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 3: M12x1.5
 PORT 21: M12x1.5
 PORT 22: M12x1.5



LEVELING VALVE
HL NO.: HL84014
REF NO.: HSV1310
 TECHNICAL PARAMETERS:
 PORT 11,21: M12x1.5

HL NO.: HL84015
REF NO.: HSV1361
 TECHNICAL PARAMETERS:
 PORT 11,21: M12x1.5



LEVELING VALVE
HL NO.: HL84016
REF NO.: HSV1219
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 3: M12x1.5
 PORT 21: M12x1.5
 PORT 22: M12x1.5



LEVELING VALVE
HL NO.: HL84006A
REF NO.: H464 006 002 0
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 21: M12x1.5
 PORT 22: M12x1.5



LEVELING VALVE
HL NO.: HL84007
REF NO.: H464 002 330 0
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 21: M12x1.5
 PORT 22: M12x1.5



LEVELING VALVE
HL NO.: HL84017/84017A
REF NO.: H050 000 500 1
 H050 000 500 2(A)
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 2: M12x1.5
 PORT 3: M12x1.5



LEVELING VALVE
HL NO.: HL84018/84018A
REF NO.: H050 000 500 6
 H050 000 500 7(A)
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 2: M12x1.5
 PORT 3: M12x1.5



LEVELING VALVE
HL NO.: HL84008
REF NO.: H464 006 100 0
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 21: M12x1.5
 PORT 22: M12x1.5
 PORT 12: M16x1.5
 PORT 23: M16x1.5



LEVELING VALVE
HL NO.: HL84009
REF NO.: HSV1280
 TECHNICAL PARAMETERS:
 PORT 11: M12x1.5
 PORT 21: M12x1.5
 PORT 12: M16x1.5
 PORT 23: M16x1.5



LEVELING VALVE
HL NO.: HL84019
REF NO.: HKN27000
 TECHNICAL PARAMETERS:
 PORTS: ALL NPT1/4

HL NO.: HL84019A
REF NO.: HSV1470
 TECHNICAL PARAMETERS:
 PORTS: ALL M12x1.5



LEVELING VALVE
HL NO.: HL84020
REF NO.: H90054007
 TECHNICAL PARAMETERS:
 PORTS: ALL NPT1/8



LEVELING VALVE
 HL NO.: HL84021/84021A
 REF NO.: H441 050 008 0
 H441 050 010 0(A)



LEVELING VALVE
 HL NO.: HL84022/84022A
 REF NO.: H441 050 011 0
 H441 050 012 0(A)



LEVELING VALVE
 HL NO.: HL84023
 REF NO.: H441 050 013 0



LEVELING VALVE
 HL NO.: HL84024
 REF NO.: H441 050 006 0



LEVELING VALVE
 HL NO.: HL84025/84025A
 REF NO.: H441 050 101 0
 H441 050 100 0(A)



LEVELING VALVE
 HL NO.: HL84026
 REF NO.: H441 050 007 0



LEVELING VALVE
 HL NO.: HL84027/84027A
 REF NO.: H441 050 122 0
 H441 050 123 0(A)



LEVELING VALVE
 HL NO.: HL84028/84028A
 REF NO.: H441 050 120 0
 H441 050 121 0(A)



LEVELING VALVE
 HL NO.: HL84029
 REF NO.: HK013741N00



LEVELING VALVE
 HL NO.: HL84030
 REF NO.: H21585711



TRAILER CONTROL VALVE
 HL NO.: HL85001
 REF NO.: H973 009 001 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22,41,42: M22x1.5VOSS
 PORT 43: M16x1.5 VOSS
 PREDOMINANCE: 0.2BAR



TRAILER CONTROL VALVE
 HL NO.: HL85002
 REF NO.: H973 009 010 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22: M16x1.5
 PORT 41,42,43: M16x1.5
 PREDOMINANCE: 0.4BAR
 COMMENT: WITH SILENCER

HL NO.: HL85001A
REF NO.: H973 009 002 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22,41,42,43: M16x1.5
 PREDOMINANCE: 0.2BAR

HL NO.: HL85001B
REF NO.: H973 009 004 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22,41,42: M22x1.5VOSS
 PORT 43: M16x1.5 VOSS
 PREDOMINANCE:



TRAILER CONTROL VALVE
HL NO.: HL85003
REF NO.: H973 009 300 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22: M22x1.5 VOSS
 PORT 41,42: M22x1.5 VOSS
 PORT 43: M16x1.5 VOSS
 PREDOMINANCE: 0.2BAR
 COMMENT: WITH SILENCER

HL NO.: HL85001C
REF NO.: H973 009 005 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22,41,42: M22x1.5VOSS
 PORT 43: M16x1.5 VOSS
 PREDOMINANCE: 0.5BAR

HL NO.: HL85001D
REF NO.: H973 009 006 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22,41,42: M22x1.5VOSS
 PORT 43: M16x1.5 VOSS



TRAILER CONTROL VALVE
HL NO.: HL85004
REF NO.: H973 002 521 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22: M16x1.5
 PORT 41,42,43: M16x1.5
 PREDOMINANCE: 0.2
 PREDOMINANCE ADJUSTABLE: YES

HL NO.: HL85001E
REF NO.: H973 009 100 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22,41,42,43: M16x1.5
 PREDOMINANCE: 0.2BAR

HL NO.: HL85001F
REF NO.: H973 009 101 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22,41,42,43: M16x1.5

HL NO.: HL85004A
REF NO.: H973 002 501 0
 TECHNICAL PARAMETERS:
 PORT 11,12,22: M16x1.5
 PORT 41,42,43: M16x1.5
 PREDOMINANCE: 0.2
 PREDOMINANCE ADJUSTABLE: YES



TRAILER CONTROL VALVE
HL NO.: HL85005
REF NO.: H973 002 007 0
 TECHNICAL PARAMETERS:
 PORTS 1,2: M22x1.5
 PORTS 41,42,43: M22x1.5
 PREDOMINANCE: 0.6BAR
 PREDOMINANCE: 0BAR-ADJUSTABLE

HL NO.: HL85005A
REF NO.: H973 002 402 0
 TECHNICAL PARAMETERS:
 PORTS 1,2: M16x1.5
 PORTS 41,42,43: M16x1.5
 PREDOMINANCE: 0BAR
 PREDOMINANCE: 0BAR-FIXED

HL NO.: HL85004B
REF NO.: H973 002 520 0
 TECHNICAL PARAMETERS:
 PORTS: 11,12,22: M16x1.5
 PORTS: 41,42,43: M16x1.5
 PREDOMINANCE: 0BAR-FIXED



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86001
REF NO.: H934 702 250 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR
HL NO.:HL86001A
ORIGINAL NO.: 934 702 260 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 21,22,23,24: M22x1.5 VOSS
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86003A
REF NO.: HAE4158(9347010410)
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR
HL NO.:HL86003B
REF NO.: HAE4168(9347021000)
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 6.5BAR
HL NO.:HL86003C
REF NO.: HAE4170(9347001410)
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86007
REF NO.: H934 714 403 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 21,22,23,24: M22x1.5 VOSS
 OPEN PRESS:
 21,22,24: 6.9BAR 23:7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86008
REF NO.: H934 702 300 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS: 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86002
REF NO.: H934 702 210 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86004
REF NO.: HAE4404
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M22x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86005
REF NO.: HAE4162
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 11,12,21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86006
REF NO.: H934 714 010 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 5.9BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86009
REF NO.: H934 714 151 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 21,22,24: 6.5BAR 23:7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86010
REF NO.: H934 713 004 0
 TECHNICAL PARAMETERS:
 PORT 1: NPT1/2
 PORT 21,22,23,24: NPT3/8
 OPEN PRESS: 21,22,23,24: 7.3-0.3BAR
HL NO.:HL86010A
REF NO.: H934 713 019 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 21,22: 7.5BAR, 23,24: 8.0-0.3BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86012
REF NO.: HAE4613
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: M16x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86014
REF NO.: HAE4440
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: Φ 9mm
 OPEN PRESS:
 21,22,23: 7.0BAR 24:6.5BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86016
REF NO.: HAE4604
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 11,12,21,22,23,24=M16x1.5
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86018
REF NO.: H934 701 040 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 21,22,23: M16x1.5
 OPEN PRESS:
 21,22,24: 6.9BAR 23:7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86011
REF NO.: HAE4609
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 21,22,23,24: M22x1.5 VOSS
 OPEN PRESS 21,22,23,24: 7.0BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86013
REF NO.: H934 714 740 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 11,12,21,22,23,24: M16x1.5
 OPEN PRESS:
 21,22: 6.3BAR 23,24: 5.8BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86015
REF NO.: HAE4605
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22,23,24: Φ 9mm
 OPEN PRESS:
 21,22,24: 7.0BAR 23:7.3BAR



4 CIRCUIT PROTECTION VALVE
HL NO.:HL86017
REF NO.: H934 700 040 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 21,22: M16x1.5
 OPEN PRESS 21,22:6.5BAR



MULTI-CIRCUIT PROTECTION VALVE
HL NO.:HL86019
REF NO.: H934 705 002 0
 TECHNICAL PARAMETERS:
 PORT 1: FLANGE
 PORT 21,22: M22x1.5 VOSS
 PORT 23,24: M22x1.5 VOSS
 PORT 25,26: M22x1.5 VOSS



MULTI-CIRCUIT PROTECTION VALVE

HL NO.: HL86019A
REF NO.: H934 705 005 0
 TECHNICAL PARAMETERS:
 PORT 1: FLANGE
 PORT 21-26: M22x1.5 VOSS
 PORT 27,28: M12x1.5
 COMMENT: WITH SENSOR



4 CIRCUIT PROTECTION VALVE

HL NO.: HL86020
REF NO.: HAE4800
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 21-26: M22x1.5 VOSS
 OPEN PRESS:
 21,22,24: 8.7-9.0BAR
 23,24: 7.2-7.5BAR



SOLENOID VALVE

HL NO.: HL87001
REF NO.: H1457275
H1379772
 TECHNICAL PARAMETERS:
 PORT 1,21,22: M14x1.5
 PORT 4: M10x1



SOLENOID VALVE

HL NO.: HL87002
REF NO.: H1457276
H1379776
 TECHNICAL PARAMETERS:
 PORT 1,21,22: M14x1.5
 PORT 4: M10x1



MULTI-CIRCUIT PROTECTION VALVE

HL NO.: HL86021
REF NO.: HAE4528
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5
 PORT 21-26: M22x1.5 VOSS
 OPEN PRESS:
 21,22,24: 7.0-7.3BAR
 23: 7.2-7.5BAR



MULTI-CIRCUIT PROTECTION VALVE

HL NO.: HL86022
REF NO.: H932 510 9582
 TECHNICAL PARAMETERS:



SOLENOID VALVE

HL NO.: HL87003
REF NO.: H1488083
H1334037
H1423566
 TECHNICAL PARAMETERS:
 PORT 1,12,21,22: M10x1



SOLENOID MODULATOR VALVE

HL NO.: HL87004
REF NO.: H472 195 016 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS

HL NO.: HL87004A
REF NO.: H472 195 018 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS



MULTI-WAY CONNECTOR

HL NO.: HL67008
REF NO.:
 TECHNICAL PARAMETERS:
 PORT: M22x1.5



MULTI-WAY CONNECTOR

HL NO.: HL67009
REF NO.:
 TECHNICAL PARAMETERS:
 PORT: M22x1.5



SOLENOID VALVE

HL NO.: HL87007
REF NO.: H427 017 482 0
 TECHNICAL PARAMETERS:
 PORT 11,12: M12x1.5
 PORT 21,22,23,24: M12x1.5
 PORT 5: M12x1.5
 DC 12V



SOLENOID VALVE

HL NO.: HL87004B
REF NO.: HBR9154
HBR9156
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS



SENSOR

HL NO.: HL87008
REF NO.: H441 043 002 1
 TECHNICAL PARAMETERS:
 VOLTAGE: 24V

HL NO.: HL87008A
REF NO.: H441 043 501 1
 TECHNICAL PARAMETERS:
 VOLTAGE: 5V



SOLENOID VALVE

HL NO.: HL87006
REF NO.: H472 195 009 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS

HL NO.: HL87006A
REF NO.: H472 195 011 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS

HL NO.: HL87006B
REF NO.: H472 195 015 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS

HL NO.: HL87006C
REF NO.: HBR9150
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS

HL NO.: HL87006D
REF NO.: HBR9151
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS

HL NO.: HL87006E
REF NO.: HBR9152
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS



SOLENOID VALVE
 HL NO.: HL87009A
 REF NO.: H5004341
 TECHNICAL PARAMETERS:
 HEAT: 12V

HL NO.: HL87009B
 REF NO.: H5004342
 TECHNICAL PARAMETERS:
 HEAT: 24V



SOLENOID VALVE
 HL NO.: HL87010
 REF NO.: H228600
 TECHNICAL PARAMETERS:
 PORTS:



SOLENOID VALVE
 HL NO.: HL87019
 REF NO.: H1653070
 TECHNICAL PARAMETERS:
 PORTS: M10x1



SOLENOID VALVE
 HL NO.: HL87020
 REF NO.: H20590252
 TECHNICAL PARAMETERS:
 PORTS: M10x1



SOLENOID VALVE
 HL NO.: HL87011
 REF NO.: H463 084 031 0
 TECHNICAL PARAMETERS:
 PORT 11,12: M16x1.5
 PORT 21,22: M16x1.5



SOLENOID VALVE
 HL NO.: HL87012
 REF NO.: H472 070 639 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M12x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87021
 REF NO.: H3192384
 TECHNICAL PARAMETERS:
 PORTS: M10x1



SOLENOID VALVE
 HL NO.: HL87022
 REF NO.: H1421324
 TECHNICAL PARAMETERS:
 PORTS: M12x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87013
 REF NO.: H472 170 600 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M12x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87014
 REF NO.: H472 170 606 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M12x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87023
 REF NO.: H1078316
 TECHNICAL PARAMETERS:
 PORTS: M12x1.5
 DC 24V



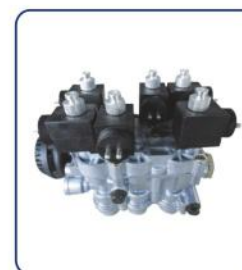
SOLENOID VALVE
 HL NO.: HL87024
 REF NO.: H472 880 030 0
 TECHNICAL PARAMETERS:
 PORTS : M22x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87015
 REF NO.: H1521248
 TECHNICAL PARAMETERS:
 PORTS: NPT1/8



SOLENOID VALVE
 HL NO.: HL87016
 REF NO.: H20775173
 TECHNICAL PARAMETERS:
 PORTS: M10x1



SOLENOID VALVE
 HL NO.: HL87025
 REF NO.: H472 900 105 0
 TECHNICAL PARAMETERS:
 PORTS : M22x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87026
 REF NO.: H472 900 113 0
 TECHNICAL PARAMETERS:
 PORTS : M22x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87017
 REF NO.: H1521247
 TECHNICAL PARAMETERS:
 PORTS: M10x1



SOLENOID VALVE
 HL NO.: HL87018
 REF NO.: H1521249
 TECHNICAL PARAMETERS:
 PORTS: M10x1



SOLENOID VALVE
 HL NO.: HL87027
 REF NO.: H472 900 053 0
 TECHNICAL PARAMETERS:
 PORTS : M22x1.5
 DC 24V



SOLENOID VALVE
 HL NO.: HL87028A/87028B
 REF NO.: H3944716(A)
 H3944717(B)
 TECHNICAL PARAMETERS:
 PORT 1,21,22: M22x1.5
 DC 24V



AIR DRYER CARTRIDGE
HL NO.: HL51001
REF NO.: H432 410 020 2
TECHNICAL PARAMETERS:
MOUNTING DIMENSION: M39x1.5



AIR DRYER CARTRIDGE
HL NO.: HL51002
REF NO.: H432 410 2262
TECHNICAL PARAMETERS:
MOUNTING DIMENSION: G 1-1/4



AIR DRYER
HL NO.: HL53003
REF NO.: H932 500 035 0
TECHNICAL PARAMETERS:
PORT 21,22,23,24: M16x1.5



AIR DRYER
HL NO.: HL53004
REF NO.: H932 500 003 0
TECHNICAL PARAMETERS:
PORT 21,22: M22x1.5 VOSS
PORT 23,24: M22x1.5 VOSS
PORT 25,26: M22x1.5 VOSS



AIR DRYER CARTRIDGE
HL NO.: HL51003
REF NO.: H1391510
TECHNICAL PARAMETERS:
PORT: M41x1.5



AD-9 AIR DRYER CARTRIDGE
HL NO.: HL51004
REF NO.: H107794
TECHNICAL PARAMETERS:
SPECIFICATION: 5/8-11UNC



AIR DRYER
HL NO.: HL53005
REF NO.: H932 500 007 0
TECHNICAL PARAMETERS:
PORT 11: M22x1.5
PORT 12: M12x1.5
PORT 21,22: M22x1.5 VOSS
PORT 23,24: M22x1.5 VOSS
PORT 25,26: M22x1.5 VOSS



AIR DRYER
HL NO.: HL53006
REF NO.: H432 410 081 0
TECHNICAL PARAMETERS:
HEAT: 24V
PORT 1,21: M22x1.5
PORT 4,22: M12x1.5



AIR DRYER CARTRIDGE
HL NO.: HL51005
REF NO.: H78964
TECHNICAL PARAMETERS:
PORT:



AIR DRYER SEAT
HL NO.: HL52001
REF NO.: H932 400 005 0
TECHNICAL PARAMETERS:
PORT 1,21: M22x1.5
PORT 22,23: M16x1.5
PORT 12: M12x1.5



AIR DRYER
HL NO.: HL53007
REF NO.: H432 425 101 0
TECHNICAL PARAMETERS:
HEAT: 24V
PORT 1,21: M22x1.5 VOSS
PORT 4: M12x1.5
PORT 12: M12x1.5



AIR DRYER
HL NO.: HL53008
REF NO.: H432 410 081 0
HLA8212
TECHNICAL PARAMETERS:
HEAT: 24V
PORT 1: M22x1.5 VOSS
PORT 21: M22x1.5 VOSS
PORT 22: M16x1.5 VOSS



AIR DRYER SEAT
HL NO.: HL52002
REF NO.: H432 410 600 2
TECHNICAL PARAMETERS:
HEAT: 24V
CONN: M27x1
PORT 1,21: M22x1.5
PORT 22: M12x1.5



AIR DRYER
HL NO.: HL53001
REF NO.: H432 410 000 0
TECHNICAL PARAMETERS:
HEAT: 24V
PORT 1,21: M22x1.5
PORT 22: M12x1.5



AIR DRYER
HL NO.: HL53009
REF NO.: H432 413 001 0
TECHNICAL PARAMETERS:
HEAT: 24V
PORT 1,2: NPT1/2
PORT 4: NPT1/4



AD-9 AIR DRYER
HL NO.: HL53010A
REF NO.: H065224
TECHNICAL PARAMETERS:
HEAT: 24V

HL NO.: HL53010B
REF NO.: H065225
TECHNICAL PARAMETERS:
HEAT: 12V



AIR DRYER
HL NO.: HL53001A
REF NO.: H432 410 004 0
TECHNICAL PARAMETERS:
HEAT: 24V
PORT 1,21: M22x1.5
PORT 22: M12x1.5
PORT 4/23: M12x1.5



AIR DRYER
HL NO.: HL53002
REF NO.: H932 400 002 0
TECHNICAL PARAMETERS:
PORT 1,21,24: M22x1.5
PORT 22: M16x1.5
PORT 12: M12x1.5



AIR DRYER
HL NO.: HL53011
REF NO.: H932 510 956 2
TECHNICAL PARAMETERS:



AIR DRYER
HL NO.: HL53012
REF NO.: HLA8130
TECHNICAL PARAMETERS:
HEAT: 24V
PORT 1,12: M22x1.5
PORT 21: M16x1.5
PORT 23: M16x1.5 VOSS
PORT 24: M22x1.5 VOSS



AIR DRYER
HL NO.: HL53013
REF NO.: HZB4578
 TECHNICAL PARAMETERS:
 HEAT: 24V
 PORT 1,12: M22x1.5
 PORT 21: M16x1.5
 PORT 23: M16x1.5 VOSS
 PORT 24: M22x1.5 VOSS



AIR DRYER
HL NO.: HL53014
REF NO.: H932 510 0040
 TECHNICAL PARAMETERS:



UNLOADER VALVE
HL NO.: HL88001
REF NO.: H975 303 473 0
 TECHNICAL PARAMETERS:
 CUT OUT: 8.1BAR
 SAFTY: 12BAR
 PORT 1,21: M22x1.5
 PORT 22: M12x1.5



UNLOADER VALVE
HL NO.: HL88002
REF NO.: H975 303 474 0
 TECHNICAL PARAMETERS:
 CUT OUT: 8.1BAR
 SAFTY: 12BAR
 PORT 1,21: M22x1.5
 PORT 4,23: M12x1.5



SLIENCER
HL NO.: HL54001
REF NO.: H432 407 060 0
 TECHNICAL PARAMETERS:
 PRESSURE: 13BAR
 DIAMETER: φ68



SLIENCER
HL NO.: HL54002
REF NO.: H432 407 070 0
 TECHNICAL PARAMETERS:
 PRESSURE: 11BAR
 DIAMETER: φ69



UNLOADER VALVE
HL NO.: HL88003
REF NO.: H975 303 464 0
 TECHNICAL PARAMETERS:
 CUT OUT: 8.1BAR
 SAFTY: 12BAR
 PORT 1,21: M22x1.5



UNLOADER VALVE
HL NO.: HL88004
REF NO.: H975 303 085 0
 TECHNICAL PARAMETERS:
 CUT OUT: 9.5BAR
 PORT 1,21: M22x1.5
 PORT 4,23: M12x1.5



SLIENCER
HL NO.: HL54003
REF NO.: H432 407 012 0
 TECHNICAL PARAMETERS:
 PRESSURE: 18.5BAR
 DIAMETER: φ87



HEATER
HL NO.: HL55001
REF NO.: H894 260 049 2
 TECHNICAL PARAMETERS:
 SPECIFICATION: 24 VOLT-100WATT



UNLOADER VALVE
HL NO.: HL88005
REF NO.: H975 300 110 0
 TECHNICAL PARAMETERS:
 CUT OUT: 8.1BAR
 PORT 1,21: M22x1.5



UNLOADER VALVE
HL NO.: HL88006
REF NO.: H975 300 014 0
 TECHNICAL PARAMETERS:
 CUT OUT: 8.1BAR
 PORT 1,21: M22x1.5



HEATER
HL NO.: HL55002
REF NO.: H894 260 040 2
 TECHNICAL PARAMETERS:
 SPECIFICATION: 12 VOLT-100WATT



CONSEP CONDENSER
HL NO.: HL56001
REF NO.: H41210029
 TECHNICAL PARAMETERS:
 PORTS: NPT1/2 VOLTAGE: 24V

HL NO.: HL56001A
REF NO.: H41210026
 TECHNICAL PARAMETERS:
 PORTS: NPT1/2 VOLTAGE: 12V



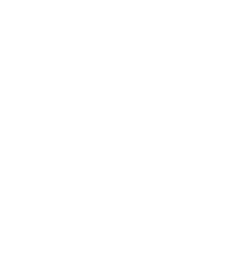
UNLOADER VALVE
HL NO.: HL88007
REF NO.: H100-3512010
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5



D2 GOVERNOR VALVE
HL NO.: HL88008
REF NO.: H275491
 TECHNICAL PARAMETERS:
 PORT 1,2,3: NPT1/8



HEATER
HL NO.: HL55003
REF NO.: H894 260 046 2
 TECHNICAL PARAMETERS:
 SPECIFICATION: 12 VOLT-100WATT



HL NO.: HL56001B
REF NO.: H71369
 TECHNICAL PARAMETERS:
 PORTS: M22x1.5 VOLTAGE: 24V



D2 GOVERNOR VALVE
HL NO.: HL88009
REF NO.: HMC808718
 TECHNICAL PARAMETERS:
 CUT-OUT PRESSURE: 8.2BAR
 RES=NPT1/8
 UNL=NPT1/4



UNLOADER VALVE
HL NO.: HL88010
REF NO.: HDR3200
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5



UNLOADER VALVE

HL NO.: HL88011
 REF NO.: H048 103 922 1
 TECHNICAL PARAMETERS:
 CUT OUT: 8.1BAR
 PORT 1,21: M22x1.5
 PORT 22: M12x1.5



PRESSURE LIMITING VALVE

HL NO.: HL61001
 REF NO.: H475 010 300 0
 TECHNICAL PARAMETERS:
 DELIVERY PRESSURE: 8.5BAR
 PORT 1: M22x1.5
 PORT 2: M22x1.5



BUTTON VALVE

HL NO.: HL62001
 REF NO.: H463 013 200 0
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5
 PORT 21: M16x1.5
 PORT 3: M12x1.5



BUTTON VALVE

HL NO.: HL62002
 REF NO.: H463 013 114 0
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 2: M12x1.5
 PORT 3: M12x1.5



PRESSURE LIMITING VALVE

HL NO.: HL61002
 REF NO.: H475 010 400 0
 TECHNICAL PARAMETERS:
 PORT 11,12: M22x1.5 VOSS
 PORT 21,22,23: M22x1.5 VOSS



PRESSURE LIMITING VALVE

HL NO.: HL61003
 REF NO.: H475 015 031 0
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5
 PORT 2: M16x1.5



BUTTON VALVE

HL NO.: HL62003
 REF NO.: H463 013 112 0
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 2: M12x1.5
 PORT 3: M12x1.5



GEARBOX VALVE

HL NO.: HL63001
 REF NO.: HSV3360
 TECHNICAL PARAMETERS:
 PORTS: M12x1.5



PRESSURE LIMITING VALVE

HL NO.: HL61004
 REF NO.: H434 100 124 0
 TECHNICAL PARAMETERS:
 OPENING PRESSURE: 5.5BAR
 PORT 1: M22x1.5
 PORT 2: M22x1.5



PRESSURE LIMITING VALVE

HL NO.: HL61005
 REF NO.: H048 100 901 7
 TECHNICAL PARAMETERS:
 COMMEN: 3.5-6.0 BAR
 PORT 1: M16x1.5
 PORT 2: M16x1.5



GEARBOX VALVE

HL NO.: HL63002
 REF NO.: HSV3367
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 21: M14x1.5
 PORT 22: M14x1.5



GEARBOX VALVE

HL NO.: HL63003
 REF NO.: H500 185 971 8
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 21: M14x1.5
 PORT 22: M14x1.5



PRESSURE LIMITING VALVE

HL NO.: HL61005A
 REF NO.: H048 100 902 6
 TECHNICAL PARAMETERS:
 COMMEN: 3.5-6.0 BAR
 PORT 1: M22x1.5
 PORT 2: M22x1.5



PRESSURE REGULATOR

HL NO.: HL61006
 REF NO.: HA4740
 TECHNICAL PARAMETERS:
 SUPPLY PORTS: NPT3/8
 DELIVERY PORTS: NPT1/8



GEARBOX VALVE

HL NO.: HL63004
 REF NO.: H1319557
 TECHNICAL PARAMETERS:
 PORT 1: NPT1/8
 PORT 2: NPT1/8



GEARBOX VALVE

HL NO.: HL63005
 REF NO.: HWG2203250001
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5 VOSS
 PORT 21: M14x1.5
 PORT 22: M14x1.5



PRESSURE LIMITING VALVE

HL NO.: HL61007
 REF NO.: HAC157C
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 VOSS
 PORT 2: M22x1.5 VOSS



GEARBOX VALVE

HL NO.: HL63006
 REF NO.: HA-5000
 TECHNICAL PARAMETERS:
 PORTS: NPT1/8



GEARBOX VALVE

HL NO.: HL63007
 REF NO.: HSV3302
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 2: M12x1.5



GEARBOX VALVE
HL NO.: HL63008
REF NO.: HSV3371
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 21: M12x1.5
 PORT 22: M12x1.5



GEARBOX VALVE
HL NO.: HL63009
REF NO.: H1653156
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



MV-3 CONTROL VALVE
HL NO.: HL64003
REF NO.: H800516
 TECHNICAL PARAMETERS:
 PRIMARY SUPPLY PORT: NPT1/4
 SECONDARY SUPPLY PORT: NPT1/4
 TRAILER DELIVERY PORT: NPT1/4
 TRACTOR DELIVERY PORT: NPT1/4
 EXHAUST PORT: NPT1/4



PP-1 CONTROL VALVE
HL NO.: HL64004
REF NO.: H276566
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT1/8
 DELIVERY PORT: NPT1/8
 EXHAUST PORT: NPT1/8



GEARBOX VALVE
HL NO.: HL63010
REF NO.: H81521706156
 TECHNICAL PARAMETERS:



GEARBOX VALVE
HL NO.: HL63011
REF NO.: H0022606157
 TECHNICAL PARAMETERS:
 PORT 1: $\phi 9$ VOSS
 PORT 21: $\phi 9$ VOSS
 PORT 22: $\phi 9$ VOSS



DIRECTION CONTROL VALVE
HL NO.: HL64005
REF NO.: H0012602057
 TECHNICAL PARAMETERS:
 PORT 1,2,4: NPT1/8
 PORT 41: NPT1/8



2/3 DIRECTION CONTROL VALVE
HL NO.: HL64006
REF NO.: H463 022 020 0
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



GEARBOX VALVE
HL NO.: HL63012A
REF NO.: H075 013 202 4
 TECHNICAL PARAMETERS:
 $\phi 100$
HL NO.: HL63012B
REF NO.: H075 013 202 3
 TECHNICAL PARAMETERS:
 $\phi 90$



GEARBOX VALVE
HL NO.: HL63013
REF NO.: H1669324
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5
 PORT 2: M10x1



5/2 DIRECTION CONTROL VALVE
HL NO.: HL64007A/HL64007B
REF NO.: H463 063 003 0(A)
 H463 063 002 0(B)
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 41: M10x1



2/3 DIRECTION CONTROL VALVE
HL NO.: HL64008
REF NO.: HZF050128630
 TECHNICAL PARAMETERS:
 PORT 1: M12x1.5
 PORT 21,22: 2- $\phi 12$
 PORT 4: M10x1



GEARBOX VALVE
HL NO.: HL63014
REF NO.: H1669297
 TECHNICAL PARAMETERS:
 SUP=NPT1/4
 DEL=NPT1/4



GEARBOX VALVE
HL NO.: HL63015
REF NO.: H8172628
 TECHNICAL PARAMETERS:



DIRECTION CONTROL VALVE
HL NO.: HL64009
REF NO.: H50000673571
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 21: M10x1
 PORT 22: M10x1



DIRECTION CONTROL VALVE
HL NO.: HL64010
REF NO.: H463 036 005 0
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5
 PORT 2: M16x1.5
 PORT 3: M10x1



2/3 DIRECTION CONTROL VALVE
HL NO.: HL64001
REF NO.: H463 036 000 0
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



DIRECTION CONTROL VALVE
HL NO.: HL64002
REF NO.: H541L9101
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1
 PORT 4: M10x1



DIRECTION CONTROL VALVE
HL NO.: HL64011
REF NO.: H5710031040
 TECHNICAL PARAMETERS:
 PORT 1: M10x1
 PORT 2: M10x1



DOUBLE CHECK VALVE
HL NO.: HL65001
REF NO.: H434 208 000 0
 TECHNICAL PARAMETERS:
 PORT 2,11,12: M22x1.5
HL NO.: HL65002
REF NO.: H434 208 009 0
 TECHNICAL PARAMETERS:
 PORT 2,11,12: M16x1.5



SINGLE CHECK VALVE
HL NO.: HL65003
REF NO.: H44510-1090
 TECHNICAL PARAMETERS:
 PORT 1: NPT3/8
 PORT 2: NPT3/8



SINGLE CHECK VALVE
HL NO.: HL65004
REF NO.: H44510-1190
 TECHNICAL PARAMETERS:
 PORT 1: NPT3/8
 PORT 2: NPT3/8



SINGLE CHECK VALVE
HL NO.: HL65005
REF NO.: H434 014 000 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5



SINGLE CHECK VALVE
HL NO.: HL65006
REF NO.: HKN23010
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT3/8
 DELIVERY PORT: NPT3/8



QUICK RELEASE VALVE
HL NO.: HL66001
REF NO.: H229813
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT3/8
 DELIVERY PORT: 2-NPT1/4



QUICK RELEASE VALVE
HL NO.: HL66002
REF NO.: H973 500 000 0
 TECHNICAL PARAMETERS:
 SUPPLY PORT 1: M22x1.5
 DELIVERY PORT 2: 2-M22x1.5
 EXHAUST PORT 3: M22x1.5

HL NO.: HL66001A
REF NO.: H229844
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT1/2
 DELIVERY PORT: 2-NPT1/4

HL NO.: HL66001B
REF NO.: H229859
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT3/8
 DELIVERY PORT: 2-NPT3/8

HL NO.: HL66001C
REF NO.: H229860
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT1/2
 DELIVERY PORT: 2-NPT3/8

HL NO.: HL66002A
REF NO.: H973 500 006 0
 TECHNICAL PARAMETERS:
 SUPPLY PORT 1: M16x1.5
 DELIVERY PORT 2: 2-M16x1.5
 EXHAUST PORT 3: M16x1.5

HL NO.: HL66002B
REF NO.: H973 500 003 0
 TECHNICAL PARAMETERS:
 SUPPLY PORT 1: NPT3/8
 DELIVERY PORT 2: 2-NPT3/8
 EXHAUST PORT 3: NPT3/8

HL NO.: HL66002C
REF NO.: H973 500 014 0
 TECHNICAL PARAMETERS:
 SUPPLY PORT 1: NPT1/2
 DELIVERY PORT 2: 2-NPT3/8
 EXHAUST PORT 3: NPT3/8



QUICK RELEASE VALVE
HL NO.: HL66003
REF NO.: H45151-90004
 TECHNICAL PARAMETERS:
 SUPPLY PORT 1: NPT1/2
 DELIVERY PORT 2: 2-NPT3/8



QUICK RELEASE VALVE
HL NO.: HL66004
REF NO.: H973 500 051 0
 TECHNICAL PARAMETERS:
 SUPPLY PORT11,12: M22x1.5
 DELIVERY PORT2: 4-M16x1.5
 EXHAUST PORT: M22x1.5



QUICK RELEASE VALVE
HL NO.: HL66005
REF NO.: H973 500 038 0
 TECHNICAL PARAMETERS:
 PORT 1,3: M22x1.5 VOSS,
 PORT 21,22,23,24: M16x1.5 VOSS



QUICK RELEASE VALVE
HL NO.: HL66006
REF NO.: H975 001 000 0
 TECHNICAL PARAMETERS:
 SUPPLY PORT: M22x1.5
 DELIVERY PORT: M22x1.5



QUICK RELEASE VALVE
HL NO.: HL66007
REF NO.: HKN32010
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT1/2
 DELIVERY PORT: NPT3/8



QUICK RELEASE VALVE
HL NO.: HL66008
REF NO.: H973 500 028 0
 TECHNICAL PARAMETERS:
 PORT 1,21,22: M22x1.5 VOSS,
 PORT 23: M16x1.5 VOSS



QUICK RELEASE VALVE
HL NO.: HL66009
REF NO.: H289714
 TECHNICAL PARAMETERS:
 SUPPLY PORT: NPT1/4
 DELIVERY PORT: 2-NPT3/8
 EXHAUST PORT: NPT1/4



RELEASE VALVE
HL NO.: HL66101
REF NO.: H352 045 001
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5
 PORT 11: M16x1.5
 PORT 21: M16x1.5



RELEASE VALVE
HL NO.: HL66102A/661012B
REF NO.: H963 001 050 0(A)
 H963 001 051 0(B)
 TECHNICAL PARAMETERS:
 PORT 1-1: M16x1.5
 PORT 1-2: M16x1.5
 PORT 21: M16x1.5
 PORT 21: M16x1.5



RELEASE VALVE
HL NO.: HL66103
REF NO.: H971 002 900 0
 TECHNICAL PARAMETERS:
 PORT 1-1: M16x1.5
 PORT 1-2: M16x1.5
 PORT 4: M16x1.5
 PORT 21: M16x1.5
 PORT 21: M16x1.5



RELEASE VALVE
HL NO.: HL66104A
REF NO.: H963 001 012 0
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5 PORT 2: ϕ 21.5
HL NO.: HL66104B
REF NO.: H963 001 013 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5 PORT 2: ϕ 21.5



LINE FIL VALVE

HL NO.: HL67001
 ORIGINAL NO.: 432 500 020 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5



LOAD SENSING VALVE

HL NO.: HL67002
 REF NO.: H475 710 000 0
 TECHNICAL PARAMETERS:
 PORT 1,2,4: M16x1.5

HL NO.: HL67002A
 REF NO.: H475 710 008 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS
 PORT 4: M16x1.5 VOSS

HL NO.: HL67002B
 REF NO.: H475 710 011 0
 TECHNICAL PARAMETERS:
 PORT 1,2,4: M16x1.5

HL NO.: HL67002C
 REF NO.: H475 710 128 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS
 PORT 4: M16x1.5 VOSS

HL NO.: HL67002D
 REF NO.: H475 710 121 0
 TECHNICAL PARAMETERS:
 PORT 1,2,4: M16x1.5

HL NO.: HL67002E
 REF NO.: H475 710 151 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M22x1.5 VOSS
 PORT 4: M16x1.5 VOSS



SAFETY VALVE

HL NO.: HL67007
 REF NO.: H2005105
 TECHNICAL PARAMETERS:
 PORT: M22x1.5



CONTROL CYINDER

HL NO.: HL67012A
 REF NO.: H000 072 011 2
 ROD END: M6
 PORTS: M12x1.5(6L)

HL NO.: HL67012B
 REF NO.: H000 072 151 2
 ROD END: M8
 PORTS: M12x1.5(6L)



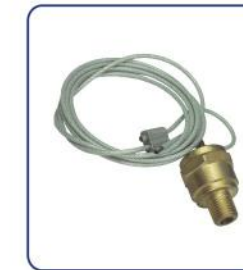
LOAD SENSING VALVE

HL NO.: HL67010
 REF NO.: H475 712 004 0
 TECHNICAL PARAMETERS:
 PORT 1,2: M16x1.5
 PORT 1-2: M22x1.5
 PORT 2(SIDE): M22x1.5
 PORT 2(UNDER): M16x1.5
 COMMENTS: INLET PORT FILTERS



CONTROL CYINDER

HL NO.: HL67013
 REF NO.: H0004304926
 TECHNICAL PARAMETERS:
 ROD END: M8
 PORTS: M12x1.5(6L)



MANUAL DRAIN VALVE

HL NO.: HL67014
 REF NO.: H12105
 TECHNICAL PARAMETERS:
 PORT : NPT1/4



LOAD SENSING VALVE

HL NO.: HL67011
 REF NO.: H475 715 500 0
 TECHNICAL PARAMETERS:
 PORT 1/4,2,1-2: M22x1.5
 PORT 1,2: M16x1.5
 PORT 41,42: M12x1.5



POWER SHIFT VALVE

HL NO.: HL72001
 REF NO.: H43431-76000
 TECHNICAL PARAMETERS:
 PORTS: CONTROL-RC1/4
 INSTALLATION PLATE HOLE: ϕ 10.5



POWER SHIFT VALVE

HL NO.: HL72002
 REF NO.: H670046
 TECHNICAL PARAMETERS:
 PORTS: CONTROL-RC1/4
 INSTALLATION PLATE HOLE: ϕ 10.5



ROTARY SLIDE VALVE

HL NO.: HL67003
 REF NO.: H463 032 020 0
 TECHNICAL PARAMETERS:
 PORT 1: M16x1.5
 PORT 21,22,23,24: M12x1.5



CUT OFF VALVE

HL NO.: HL67004
 REF NO.: H452 002 107 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5



POWER SHIFT VALVE

HL NO.: HL72003
 REF NO.: HX3099-350
 TECHNICAL PARAMETERS:
 PORTS: CONTROL-RC1/4
 INSTALLATION PLATE HOLE: ϕ 10.5



POWER SHIFT VALVE

HL NO.: HL72004
 REF NO.: H422 010 014 0
 TECHNICAL PARAMETERS:
 PORT 41,42: M12x1.5



CUT OFF VALVE

HL NO.: HL67005
 REF NO.: H475 604 011 0
 TECHNICAL PARAMETERS:
 PORT 1: M22x1.5
 PORT 2: M22x1.5



MANUAL DRAIN VALVE

HL NO.: HL67006
 REF NO.: H934 300 003 0
 TECHNICAL PARAMETERS:
 PORT : M22x1.5



POWER SHIFT VALVE

HL NO.: HL72005
 REF NO.: H422 010 010 0
 TECHNICAL PARAMETERS:
 PORT 41,42: M12x1.5



GEARSHIFT HANDLE
 HL NO.: HL68002
 REF NO.: HA-6915
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68003
 REF NO.: HA-6909
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68012
 REF NO.: H500 045 091 2
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68013
 REF NO.: H501 063 925 0
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68004
 REF NO.: HA-6913
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68005
 REF NO.: HA-6918
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68014
 REF NO.: H501 054 574 1
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68015
 REF NO.: H1727377
 TECHNICAL PARAMETERS:
 COMMENT: 6 SPEED+R+C



GEARSHIFT HANDLE
 HL NO.: HL68006
 REF NO.: H463 069 007 0
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68007
 REF NO.: H20488052
 TECHNICAL PARAMETERS:
 COMMENT: 6 SPEED+R+C
 HL NO.: HL68007A
 REF NO.: H20488063
 TECHNICAL PARAMETERS:
 COMMENT: 8 SPEED+R



GEARSHIFT HANDLE
 HL NO.: HL68016
 REF NO.: H1727378
 TECHNICAL PARAMETERS:
 COMMENT: 6 SPEED+R



GEARSHIFT HANDLE
 HL NO.: HL68017
 REF NO.: H1441235
 TECHNICAL PARAMETERS:
 COMMENT: 8 SPEED+R+C



GEARSHIFT HANDLE
 HL NO.: HL68008
 REF NO.: H81.97010.6011
 TECHNICAL PARAMETERS:
 COMMENT: 8 SPEED of PORTS: 3
 HL NO.: HL68008A
 REF NO.: H81.97010.6010
 TECHNICAL PARAMETERS:
 COMMENT: 8 SPEED of PORTS: 2



GEARSHIFT HANDLE
 HL NO.: HL68009
 REF NO.: H463 055 050 0
 TECHNICAL PARAMETERS:
 COMMENT: 8 SPEED+R
 HL NO.: HL68009A
 REF NO.: H463 049 050 0
 TECHNICAL PARAMETERS:
 COMMENT: 6 SPEED+R+C



GEARSHIFT HANDLE
 HL NO.: HL68018A
 REF NO.: H1377386
 TECHNICAL PARAMETERS:
 COMMENT: 6 SPEED+C+RH/RL
 HL NO.: HL68018B
 REF NO.: H1482997
 TECHNICAL PARAMETERS:
 COMMENT: 6 SPEED++C+RH/RL



GEARSHIFT HANDLE
 HL NO.: HL68019
 REF NO.: H1369975
 TECHNICAL PARAMETERS:
 COMMENT: 8 SPEED+R+C+RH/RL



GEARSHIFT HANDLE
 HL NO.: HL68010
 REF NO.: H463 085 000 0
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68011
 REF NO.: H501 054 574 3
 TECHNICAL PARAMETERS:



GEARSHIFT HANDLE
 HL NO.: HL68020
 REF NO.: H384970
 TECHNICAL PARAMETERS:
 COMMENT: 10 SPEED+R



GEARSHIFT HANDLE
 HL NO.: HL68021
 REF NO.: H463 069 003 0
 TECHNICAL PARAMETERS:



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL91001	T3030DD	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL91003	T2430DD	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL91004	T2424DD	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL91005	T2024DD	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL91006	T1624DD	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
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



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HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL91002	T3030DD	64/64	3/8"NPT	M16×1.5	120.7	M16×1.5	yourself
HL91002A	T3030DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
HL91002B	T2430DD	64/64	3/8"NPT	M16×1.5	120.7	M16×1.5	yourself
HL91002C	T2430DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself
HL91002D	T2424DD	64/64	3/8"NPT	M16×1.5	120.7	M16×1.5	yourself
HL91002E	T2424DD	64/64	3/8"NPT	5/8"-11UNC	120.7	5/8"-18UNF	yourself



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL92001	T3030DD	64/64	M16×1.5	M16×1.5	120.7	----	15mm
HL92002	T2430DD	64/64	M16×1.5	M16×1.5	120.7	----	15mm
HL92003	T2424DD	64/64	M16×1.5	M16×1.5	120.7	----	15mm
HL92004	T2024DD	64/64	M16×1.5	M16×1.5	120.7	----	15mm
HL92005	T1624DD	57/57	M16×1.5	M16×1.5	120.7	----	15mm



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL93001	T3030DP	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	285mm
HL93002	T3030DP	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL93003	T2424DP	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	285mm
HL93004	T2424DP	64/64	M22×1.5	M16×1.5	120.7	M16×1.5	285mm
HL93005	T2430DP	64/64	M16×1.5	M16×1.5	120.7	M16×1.5	285mm
HL93006	T1624DP	57/57	M16×1.5	M16×1.5	120.7	M16×1.5	285mm



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL94005	T3030DP	64/64	M16×1.5	M16×1.5	120.7	----	15mm
HL94001	T2430DP	64/64	M16×1.5	M16×1.5	120.7	----	15mm
HL94002	T2424DCP	64/64	M16×1.5	M16×1.5	120.7	----	15mm
HL94003	T2024DP	57/57	M16×1.5	M16×1.5	120.7	----	15mm
HL94004	T1624DP	57/57	M16×1.5	M16×1.5	120.7	----	15mm



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HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL95001	T2424DP	57/57	M16×1.5	M16×1.5	120.7	M16×1.5	110mm
HL95002	T2020DP	57/57	M16×1.5	M16×1.5	120.7	M16×1.5	110mm
HL95003	T3024DP	64/64	M16×1.5	4-M16×1.5	120.7	M16×1.5	390mm
HL95004	T2024DP	45/45	2-1/4"NPT	4-M16×1.5	120.7	M18×1.5	375mm



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
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	7/16-14UNC	76	1/2"-20UNF	yourself
HL96005	T12	45	3/8"NPT	7/16-14UNC	76	1/2"-20UNF	yourself
HL96006	T9	45	3/8"NPT	7/16-14UNC	76	1/2"-20UNF	yourself





HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL96001A	T30	64	3/8"NPT	M16×1.5	120.7	M16×1.5	yourself
HL96002A	T24	64	3/8"NPT	M16×1.5	120.7	M16×1.5	yourself
HL96003A	T20	64	3/8"NPT	M16×1.5	120.7	M16×1.5	yourself
HL96004A	T16	57	3/8"NPT	M16×1.5	120.7	M16×1.5	yourself



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL96001B	T30	64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL96002B	T24	64	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL96003B	T20	57	M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL96004B	T16	57	M16×1.5	M16×1.5	120.7	M16×1.5	yourself



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL96001C	T30L	64	2-M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL96002C	T24L	64	2-M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL96003C	T20L	64	2-M16×1.5	M16×1.5	120.7	M16×1.5	yourself
HL96004C	T16L	64	2-M16×1.5	M16×1.5	120.7	M16×1.5	yourself



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL97001	T30	64	2-M16×1.5	M16×1.5	120.7	----	15mm
HL97002	T24	64	2-M16×1.5	M16×1.5	120.7	----	15mm
HL97003	T20	57	2-M16×1.5	M16×1.5	120.7	----	15mm
HL97004	T16	57	2-M16×1.5	M16×1.5	120.7	----	15mm



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL98001	T12-6200	52	M16×1.5	1 3/4-12UNF	----	----	----
HL98001A	T9-6200	52	M16×1.5	1 3/4-12UNF	----	----	----
HL98001B	T12-1600	52	M16×1.5	1 3/4-12UNF	----	----	----



HL NO.:	TYPE	STROKE	PORT THREAD	BOLT THREAD	BOLT CENTRE	PUSH ROD THREAD	PUSH ROD LENGTH
HL98002	T12	52	M16×1.5	1 3/4-12UNF	----	----	----
HL98002A	T9	52	M16×1.5	1 3/4-12UNF	----	----	----
HL98002B	T16	52	M16×1.5	1 3/4-12UNF	----	----	----
HL98002C	T24	52	M16×1.5	1 3/4-12UNF	----	----	----



DIAPHRAGM

HL NO.: HL99001
TYPE: T36/T30/T24/T20/T16/T12



SPRING

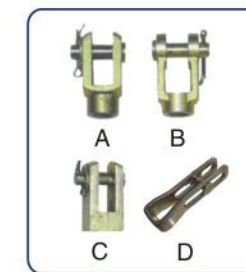
HL NO.: HL99003A
TYPE: T30/30DD,T24/24DD

HL NO.: HL99003B
TYPE: T30/30DP,T24/24DP



BRAKE CHAMBER COVER

HL NO.: HL99005
TYPE: T30/30DD



BRAKE CHAMBER FORK

HL NO.: HL99002
TYPE:



BRAKE CHAMBER MIDDLE BODY

HL NO.: HL99004
TYPE:



BRAKE CHAMBER CLAMP

HL NO.: HL99006
TYPE:



CLUTCH SERVO
HL NO.: HL71001
REF NO.: H970 051 102 0
 TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 67mm



CLUTCH SERVO
HL NO.: HL71002
REF NO.: H970 051 107 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 58.5mm



CLUTCH SERVO
HL NO.: HL71010
REF NO.: H970 051 151 0
 TECHNICAL PARAMETERS:
 DIA: 85mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 65mm



CLUTCH SERVO
HL NO.: HL71011
REF NO.: H970 051 157 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71003
REF NO.: H970 051 111 0
 TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71004
REF NO.: H970 051 114 0
 TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 67mm



CLUTCH SERVO
HL NO.: HL71012
REF NO.: H970 051 158 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 75mm



CLUTCH SERVO
HL NO.: HL71013
REF NO.: H970 051 159 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 75mm



CLUTCH SERVO
HL NO.: HL71004A
REF NO.: H970 051 126 0
 TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 67mm



CLUTCH SERVO
HL NO.: HL71005
REF NO.: H970 051 124 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 58mm



CLUTCH SERVO
HL NO.: HL71014
REF NO.: H970 051 164 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71015
REF NO.: H970 051 176 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71006
REF NO.: H970 051 128 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 58.5mm



CLUTCH SERVO
HL NO.: HL71007
REF NO.: H970 051 131 0
 TECHNICAL PARAMETERS:
 DIA: 85mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 72mm



CLUTCH SERVO
HL NO.: HL71016
REF NO.: H970 051 190 0
 TECHNICAL PARAMETERS:
 DIA: 85mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 60mm



CLUTCH SERVO
HL NO.: HL71017
REF NO.: H970 051 192 0
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 58.5mm



CLUTCH SERVO
HL NO.: HL71008/71008A
REF NO.: H970 051 132 0
 H970 051 170 0(A)
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71009
REF NO.: H970 051 137 0
 TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71018
REF NO.: H970 051 209 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 58.5mm



CLUTCH SERVO
HL NO.: HL71018A
REF NO.: H970 051 218 0
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 23mm



CLUTCH SERVO
HL NO.: HL71019
REF NO.: H970 051 402 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 25.2mm



CLUTCH SERVO
HL NO.: HL71020
REF NO.: H970 051 406 0
TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M22 × 1.5 VOSS
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71027/71027A
REF NO.: H970 510 446 0
H970 051 412 0(A)
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M22 × 1.5 VOSS
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71028
REF NO.: H970 051 455 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 25.2mm



CLUTCH SERVO
HL NO.: HL71021
REF NO.: H970 051 423 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71021A
REF NO.: H970 051 407 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71030
REF NO.: HAPGA1605/P
TECHNICAL PARAMETERS:
 DIA: 63.5mm
 AIR: 1/8-27 NPTF
 HYD: 7/16-20 NPTF
 STROKE:



CLUTCH SERVO
HL NO.: HL71031
REF NO.: HAPGA16XX
TECHNICAL PARAMETERS:
 DIA: 63.5mm
 AIR: 1/8-27 NPTF
 HYD: 7/16-20 NPTF
 STROKE:



CLUTCH SERVO
HL NO.: HL71022/71022A
REF NO.: H970 051 431 0
H970 051 405 0(A)
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL84023
REF NO.: H970 051 435 0
TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71032
REF NO.: HAPGA1610/4
TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 × 1.5
 HYD:
 STROKE: 67mm



CLUTCH SERVO
HL NO.: HL71033/71033A
REF NO.: HVG3200
HVG3204(A)
TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 84mm



CLUTCH SERVO
HL NO.: HL84024
REF NO.: H970 051 436 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71025
REF NO.: H970 051 437 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M22 × 1.5 VOSS
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71034
REF NO.: HVG3208
TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 84mm



CLUTCH SERVO
HL NO.: HL71035/71035A
REF NO.: HVG3213
HVG3229(A)
TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 84mm



CLUTCH SERVO
HL NO.: HL71025A
REF NO.: H970 051 307 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M22 × 1.5 VOSS
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71026
REF NO.: H970 051 444 0
TECHNICAL PARAMETERS:
 DIA: 75mm
 AIR: M22 × 1.5 VOSS
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71036
REF NO.: HVG3261
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M22 × 1.5
 HYD: M14 × 1.5
 STROKE: 84mm



CLUTCH SERVO
HL NO.: HL71037
REF NO.: HVG3285
TECHNICAL PARAMETERS:
 DIA: 70mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 40mm



CLUTCH SERVO
HL NO.: HL71038
REF NO.: HVG3361
 TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 70mm



CLUTCH SERVO
HL NO.: HL71039
REF NO.: H63566103
 TECHNICAL PARAMETERS:
 DIA: 63.5mm
 AIR: 3/8-24 UNF
 HYD: 7/16-20 UNF
 STROKE:



CLUTCH SERVO
HL NO.: HL71048
REF NO.: H627052AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M22 × 1.5 VOSS
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71049
REF NO.: H627612AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 68mm



CLUTCH SERVO
HL NO.: HL71040
REF NO.: H627479AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 58mm



CLUTCH SERVO
HL NO.: HL71041
REF NO.: H622107AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 50mm



CLUTCH SERVO
HL NO.: HL71050/71050A
REF NO.: H628275AM
 H628259AM(A)
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71051/71051A
REF NO.: H628276AM
 H628277AM(A)
 TECHNICAL PARAMETERS:
 DIA: 80mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71042
REF NO.: H622190AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 70mm



CLUTCH SERVO
HL NO.: HL71043
REF NO.: H622199AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 70mm



CLUTCH SERVO
HL NO.: HL71052A
REF NO.: H628494AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71053
REF NO.: H642-03080
 TECHNICAL PARAMETERS:
 DIA: 70mm
 AIR: M14 × 1.5
 HYD: M12 × 1.5
 STROKE: 35mm



CLUTCH SERVO
HL NO.: HL71044
REF NO.: H625359AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 27.5mm



CLUTCH SERVO
HL NO.: HL71045
REF NO.: H625586AM
 TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 85mm



CLUTCH SERVO
HL NO.: HL71054
REF NO.: H642-03502
 TECHNICAL PARAMETERS:
 DIA: 90mm
 AIR: M14 × 1.5
 HYD: M12 × 1.5
 STROKE: 35mm



CLUTCH SERVO
HL NO.: HL71055
REF NO.: H642-03505
 TECHNICAL PARAMETERS:
 DIA: 105mm
 AIR: M14 × 1.5
 HYD: M12 × 1.5
 STROKE: 35mm



CLUTCH SERVO
HL NO.: HL71046
REF NO.: H626392AM
 TECHNICAL PARAMETERS:
 DIA: 80mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 50mm



CLUTCH SERVO
HL NO.: HL71047
REF NO.: H626639AM
 TECHNICAL PARAMETERS:
 DIA: 95mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 70mm



CLUTCH SERVO
HL NO.: HL71058
REF NO.: HWG9114230022
 TECHNICAL PARAMETERS:
 DIA: 75mm × 22mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 75mm



CLUTCH SERVO
HL NO.: HL71059
REF NO.: HWG9114230023
 TECHNICAL PARAMETERS:
 DIA: 90mm × 22mm
 AIR: M16 × 1.5
 HYD: M14 × 1.5
 STROKE: 67mm



CLUTCH SERVO
HL NO.: HL71060
REF NO.: HWG9114230025
TECHNICAL PARAMETERS:
 DIA: 102mm x 22mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 60mm



CLUTCH SERVO
HL NO.: HL71061
REF NO.: HVG3268
TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 84mm



AIR HOSE
HL NO.: HL41001
REF NO.:
TECHNICAL PARAMETERS:
 SPECIFIION: 22 COILS
 COMMENT: Red/Yellow/Bule/Black



AIR HOSE
HL NO.: HL41002
REF NO.:
TECHNICAL PARAMETERS:
 SPECIFIION: 22 COILS
 COMMENT: Red/Yellow/Bule/Black



CLUTCH SERVO
HL NO.: HL71062
REF NO.: HVG3288
TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 84mm



CLUTCH SERVO
HL NO.: HL71063
REF NO.: H629300AM
TECHNICAL PARAMETERS:
 DIA: 100mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 70mm



AIR HOSE
HL NO.: HL41003
REF NO.:
TECHNICAL PARAMETERS:
 SPECIFIION: 22 COILS
 COMMENT: Red/Yellow/Bule/Black



AIR HOSE
HL NO.: HL41004
REF NO.:
TECHNICAL PARAMETERS:



CLUTCH SERVO
HL NO.: HL71064
REF NO.: H970 051 438 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M22 x 1.5 VOSS
 HYD: M14 x 1.5
 STROKE: 25.5mm



CLUTCH SERVO
HL NO.: HL71065
REF NO.: H970 051 439 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 25.2mm



AIR HOSE WITH GUN
HL NO.: HL41005
REF NO.:
TECHNICAL PARAMETERS:
 COMMENT: Red/Yellow/Bule/Black



7 ELECTRIC COIL
HL NO.: HL42001
REF NO.:
TECHNICAL PARAMETERS:



CLUTCH SERVO
HL NO.: HL71066
REF NO.: H970 051 422 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M22 x 1.5 VOSS
 HYD: M14 x 1.5
 STROKE: 75mm



CLUTCH SERVO
HL NO.: HL71067
REF NO.: H970 051 179 0
TECHNICAL PARAMETERS:
 DIA: 76mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 67mm



7 ELECTRIC COIL
HL NO.: HL42003
REF NO.:
TECHNICAL PARAMETERS:



ELECTRIC COUPLER
HL NO.: HL43001
REF NO.:
TECHNICAL PARAMETERS:



CLUTCH SERVO
HL NO.: HL71068
REF NO.: H970 051 125 0
TECHNICAL PARAMETERS:
 DIA: 102mm
 AIR: M16 x 1.5
 HYD: M14 x 1.5
 STROKE: 70mm



CLUTCH SERVO
HL NO.: HL71069
REF NO.: H970 150 001 0
TECHNICAL PARAMETERS:
 PORT 1: M16x1.5



ELECTRIC COUPLER
HL NO.: HL43002
REF NO.:
TECHNICAL PARAMETERS:



ELECTRIC COUPLER
HL NO.: HL43003
REF NO.:
TECHNICAL PARAMETERS:



GLAND HEAD
HL NO.: HL44001
REF NO.: H334 026 011
 PORTS: M22x1.5
 RED-NO CHECK

HL NO.: HL44002
REF NO.: H334 025 011
 PORTS: M22x1.5
 YELLOW-NO CHECK



GLAND HEAD
HL NO.: HL44003
REF NO.: H334 026 031
 PORTS: M16x1.5
 RED-NO CHECK

HL NO.: HL44004
REF NO.: H334 025 031
 PORTS: M16x1.5
 YELLOW-NO CHECK



QUICK COUPLING
HL NO.: HL45001
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: 1/2"NPT
 M16x1.5
 M22x1.5



QUICK COUPLING
HL NO.: HL45002
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: 1/2"NPT



GLAND HEAD
HL NO.: HL44005/44006/44007
REF NO.: H11450(YELLOW)
 H11451(RED)
 H11452(BLUE)
 YELLOW UNIVERSAL
 RED EMERGENCY
 BLUE SERVICE
 PORTS: 1/2"NPT



GLAND HEAD
HL NO.: HL44008
REF NO.: H952 201 002 0
 PORTS: M16x1.5
 RED-NO CHECK

HL NO.: HL44009
REF NO.: H952 201 001 0
 PORTS: M16x1.5
 YELLOW WITH CHECK



QUICK COUPLING
HL NO.: HL45003
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: 1"NPT



QUICK COUPLING
HL NO.: HL45004
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: 1/2"NPT



GLAND HEAD
HL NO.: HL44010
REF NO.: H452 200 211 0
 PORTS: M22x1.5
 RED AUTOMATIC

HL NO.: HL44015
REF NO.: H452 200 012 0
 PORTS: M22x1.5
 YELLOW ORDINARY



GLAND HEAD
HL NO.: HL44011
REF NO.: H452 200 212 0
 PORTS: M22x1.5
 RED ORDINARY

HL NO.: HL44014
REF NO.: H452 200 011 0
 PORTS: M22x1.5
 YELLOW AUTOMATIC



QUICK COUPLING
HL NO.: HL45005
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: M20x1.5



QUICK COUPLING
HL NO.: HL45006
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: M27x1.5



GLAND HEAD
HL NO.: HL44012
REF NO.: H952 200 221 0
 PORTS: M16x1.5
 RED AUTOMATIC

HL NO.: HL44017
REF NO.: H952 200 022 0
 PORTS: M16x1.5
 YELLOW ORDINARY



GLAND HEAD
HL NO.: HL44013
REF NO.: H952 200 222 0
 PORTS: M16x1.5
 YELLOW AUTOMATIC

HL NO.: HL44016
REF NO.: H952 200 021 0
 PORTS: M16x1.5
 RED ORDINARY



QUICK COUPLING
HL NO.: HL45007
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: M22x1.5



QUICK COUPLING
HL NO.: HL45008
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: M22x1.5



GLAND HEAD
HL NO.: HL44018
REF NO.: H12-308
 PORTS: 3/8"-14UNS
 RED EMERGENCY

HL NO.: HL44019
REF NO.: H12-306
 PORTS: 3/8"-14UNS
 BLUE SERVICE



GLAND HEAD
HL NO.: HL44020
REF NO.: H12-138
 PORTS: 3/8"-14UNS
 RED EMERGENCY

HL NO.: HL44021
REF NO.: H12-136
 PORTS: 3/8"-14UNS
 BLUE SERVICE



QUICK COUPLING
HL NO.: HL45009
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: 1/2"NPT



QUICK COUPLING
HL NO.: HL45010
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: M22x1.5



QUICK COUPLING
HL NO.: HL45011
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: Φ 4,5,6,8,10,12,14,16



QUICK COUPLING
HL NO.: HL45011A
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: Φ 4,5,6,8,10,12,14,16



QUICK COUPLING
HL NO.: HL45011B
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: Φ 4,5,6,8,10,12,14,16



QUICK COUPLING
HL NO.: HL45012
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: Φ 4,5,6,8,10,12,14,16



QUICK COUPLING
HL NO.: HL45012A
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: Φ 4,5,6,8,10,12,14,16



QUICK COUPLING
HL NO.: HL45012B
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: Φ 4,5,6,8,10,12,14,16



QUICK COUPLING
HL NO.: HL45013
REF NO.:
 TECHNICAL PARAMETERS:



7 UNIT SETS
HL NO.: HL45014
REF NO.:
 TECHNICAL PARAMETERS:
 PORTS: M6 / M8 / M10 / M12



HUB COVER
HL NO.: HL46001
TYPE: 10T
 TECHNICAL PARAMETERS:
 SIZE: 115x3
 Outside Thread



HUB COVER
HL NO.: HL46002
TYPE: 12T
 TECHNICAL PARAMETERS:
 SIZE: 125x2
 Outside Thread



HUB COVER
HL NO.: HL46003
TYPE: 12T
 TECHNICAL PARAMETERS:
 SIZE: 135x2
 Inside Thread



HUB COVER
HL NO.: HL46004
TYPE: 14T
 TECHNICAL PARAMETERS:
 SIZE: 135x3
 Outside Thread



HUB COVER
HL NO.: HL46005
TYPE: 14T
 TECHNICAL PARAMETERS:
 SIZE: 148x2
 Inside Thread



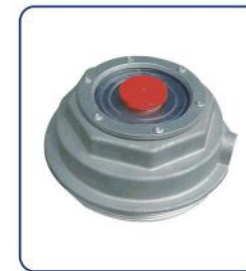
HUB COVER
HL NO.: HL46006
TYPE: 16T
 TECHNICAL PARAMETERS:
 SIZE: 155x3
 Outside Thread



HUB COVER
HL NO.: HL46007
TYPE: 24T
 TECHNICAL PARAMETERS:
 SIZE: 170x3
 Outside Thread



HUB COVER
HL NO.: HL46008
TYPE: 32T
 TECHNICAL PARAMETERS:
 SIZE: 228x3
 Outside Thread



HUB COVER
HL NO.: HL46009
TYPE: H343-4075
 TECHNICAL PARAMETERS:
 SIZE: 6-1/4"x8 UN
 Outside Thread



HUB COVER
HL NO.: HL46010
TYPE:
 TECHNICAL PARAMETERS:
 SIZE: 58x3
 Outside Thread



SLACK ADJUSTER

HL NO.: HL31001
 REF NO.: H283411
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 37TEETH
 ARM LENGTH: 6"
 SPLINE: 1 5/8"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL31002
 REF NO.: HKN55001
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 24TEETH
 ARM LENGTH: 5.5"
 SPLINE: 1 1/4"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL32006
 REF NO.:
 TECHNICAL PARAMETERS:
 STYLE: 4HOLES 27TEETH
 ARM LENGTH: 262,241,211,171
 SPLINE: 42.8



SLACK ADJUSTER

HL NO.: HL32007
 REF NO.: HTX90156
 TECHNICAL PARAMETERS:
 STYLE: 5HOLES 37TEETH
 ARM LENGTH: 180,150,130,105
 SPLINE: 40.8



SLACK ADJUSTER

HL NO.: HL31003
 REF NO.: H286965
 TECHNICAL PARAMETERS:
 STYLE: 2HOLES 28TEETH
 ARM LENGTH: 6",5"
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL31004
 REF NO.: H278323
 TECHNICAL PARAMETERS:
 STYLE: 3HOLES 10TEETH
 ARM LENGTH: 7",6",5"
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL32008/32009
 REF NO.: H288540
 H288539
 TECHNICAL PARAMETERS:
 STYLE: 2HOLES 10TEETH
 ARM LENGTH: 166.5,141.6
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL32010
 REF NO.:
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 19TEETH
 ARM LENGTH: 181
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL31005
 REF NO.: H278305
 TECHNICAL PARAMETERS:
 STYLE: 3HOLES 10TEETH
 ARM LENGTH: 7",6",5"
 SPLINE: 1 1/4"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL32001
 REF NO.:
 TECHNICAL PARAMETERS:
 STYLE: 2HOLES 10TEETH
 ARM LENGTH: 6.5",5.5"
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL32011
 REF NO.: H345 420 743 8
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 19TEETH
 ARM LENGTH: 138
 SPLINE: 1 1/2"
 BUSHING: Φ14



SLACK ADJUSTER

HL NO.: HL32012/32013
 REF NO.: H346 420 173 8
 H346 420 183 8
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: Φ14



SLACK ADJUSTER

HL NO.: HL32002
 REF NO.: H051 745 470 0
 TECHNICAL PARAMETERS:
 STYLE: 4HOLES 10TEETH
 ARM LENGTH: 250,180,150,120
 SPLINE: 1 1/2"
 BUSHING: Φ14



SLACK ADJUSTER

HL NO.: HL32003
 REF NO.: H051 745 261 0
 TECHNICAL PARAMETERS:
 STYLE: 5HOLES 10TEETH
 ARM LENGTH: 250,220,180,150,120
 SPLINE: 1 1/2"
 BUSHING: Φ14



SLACK ADJUSTER

HL NO.: HI32014/32015
 REF NO.: H346 420 173 8
 H346 420 183 8
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: Φ14



SLACK ADJUSTER

HL NO.: HL32016
 REF NO.: HK51000
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 6"
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL32004
 REF NO.: H051 746 522 0
 TECHNICAL PARAMETERS:
 STYLE: 6HOLES 10TEETH
 ARM LENGTH: 250,180,165,150,
 135,120
 SPLINE: 1 1/2"
 BUSHING: Φ14



SLACK ADJUSTER

HL NO.: HL32005
 REF NO.: H051 746 513 0
 TECHNICAL PARAMETERS:
 STYLE: 7HOLES 10TEETH
 ARM LENGTH: 250,195,180,165,150,
 135,120
 SPLINE: 1 1/2"
 BUSHING: Φ14



SLACK ADJUSTER

HL NO.: HL32017
 REF NO.: H5320-3501136
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 125
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER

HL NO.: HL32018A/32018B
 REF NO.: H5320-3502136(A)
 H5320-3502237(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 125
 SPLINE: 1 1/2"
 BUSHING: Φ12.7



SLACK ADJUSTER
HL NO.: HL32019A/32019B
REF NO.: H5511-3502136(A)
 H5511-3502237(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 125
 SPLINE: 1 1/2"
 BUSHING: φ12.7



SLACK ADJUSTER
HL NO.: HL32020
REF NO.: H120-3501136
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 102
 SPLINE: 1 1/2"
 BUSHING: φ12.7



SLACK ADJUSTER
HL NO.: HL33001A/33001B
REF NO.: H72660(A)
 H72661(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER
HL NO.: HL33002A/33002B
REF NO.: H72663(A)
 H72664(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER
HL NO.: HL32021
REF NO.: H120-3502336
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 102,125
 SPLINE: 1 1/2"
 BUSHING: φ12.7



SLACK ADJUSTER
HL NO.: HL32022A/32022B
REF NO.: H1448114(A)
 H1448115(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER
HL NO.: HL33003A/33003B
REF NO.: H72784(A)
 H72785(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ12.7



SLACK ADJUSTER
HL NO.: HL33004
REF NO.: H79034
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER
HL NO.: HL32023
REF NO.: H1448113
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER
HL NO.: HL32024A/32024B
REF NO.: H1448120(A)
 H1448121(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER
HL NO.: HL33005A/33005B
REF NO.: H79442(A)
 H79443(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 165
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER
HL NO.: HL33006A/33006B
REF NO.: H72678(A)
 H72166(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 140
 SPLINE: 1 1/2"
 BUSHING: φ12.7



SLACK ADJUSTER
HL NO.: HL32025A/32025B
REF NO.: H54321-3502135(A)
 H54321-3502136(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 25TEETH
 ARM LENGTH: 150
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER
HL NO.: HL32026A/32026B
REF NO.: H64226-3502135-010(A)
 H64226-3502136-010(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 25TEETH
 ARM LENGTH: 150
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER
HL NO.: HL33007A/33007B
REF NO.: H79336(A)
 H79337(B)
TECHNICAL PARAMETERS:
 STYLE: 2HOLE 10TEETH
 ARM LENGTH: 152,179
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER
HL NO.: HL33008A/33008B
REF NO.: H79208(A)
 H79209(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER
HL NO.: HL32027A/32027B
REF NO.: H64226-3502135(A)
 H64226-3502136(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 25TEETH
 ARM LENGTH: 150
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER
HL NO.: HL32028A/32028B
REF NO.: H103-3501136(A)
 H64226-3501136(B)
TECHNICAL PARAMETERS:
 STYLE: 2HOLES 10TEETH
 ARM LENGTH: 125,150
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER
HL NO.: HL33009A/33009B
ORIGINAL NO.: H79304(A)
 H79305(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 28TEETH
 ARM LENGTH: 160
 SPLINE: 1 1/2"
 BUSHING: φ12.7



SLACK ADJUSTER
HL NO.: HL33010A/33010B
ORIGINAL NO.: H70952(A)
 H70953(B)
TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33011A/33011B
 REF NO.: H72062(A)
 H72063(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33012
 REF NO.: H79186
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33021
 REF NO.: H79230
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 19TEETH
 ARM LENGTH: 122
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33022A/33022B
 REF NO.: H79231(A)
 H79232(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 19TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33013A/33013B
 REF NO.: H79219(A)
 H79220(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 130
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33014A/33014B
 REF NO.: H79288(A)
 H79289(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 28TEETH
 ARM LENGTH: 160
 SPLINE: 1 1/2"
 BUSHING: φ12.7



SLACK ADJUSTER

HL NO.: HL33023
 REF NO.: H79416
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 25TEETH
 ARM LENGTH: 150
 SPLINE: 1 1/2"
 BUSHING: φ16



SLACK ADJUSTER

HL NO.: HL33024A/33024B
 REF NO.: H79567(A)
 H79568(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 130
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER

HL NO.: HL33015
 REF NO.: H72875
 TECHNICAL PARAMETERS:
 STYLE: 6HOLE 10TEETH
 ARM LENGTH:
 120,135,150,165,180,250
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33016
 REF NO.: H79005
 TECHNICAL PARAMETERS:
 STYLE: 6HOLE 10TEETH
 ARM LENGTH:
 105,120,140,155,180,250
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33025
 REF NO.:
 TECHNICAL PARAMETERS:
 STYLE: 3HOLE 37TEETH
 ARM LENGTH:
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33026
 REF NO.: H80078
 TECHNICAL PARAMETERS:
 STYLE: 4HOLE 10TEETH
 ARM LENGTH:
 SPLINE: 1 1/2"
 BUSHING:



SLACK ADJUSTER

HL NO.: HL33017A/33017B
 REF NO.: H70867(A)
 H79212(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 26TEETH
 ARM LENGTH: 145
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33018
 REF NO.: H79353
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 14TEETH
 ARM LENGTH: 135
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER

HL NO.: HL33027
 REF NO.: H80019
 TECHNICAL PARAMETERS:
 STYLE: 6HOLE 10TEETH
 ARM LENGTH:
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33028
 REF NO.: H80020
 TECHNICAL PARAMETERS:
 STYLE: 5HOLE 10TEETH
 ARM LENGTH:
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33019A/33019B
 REF NO.: H79351(A)
 H79352(B)
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 14TEETH
 ARM LENGTH: 135,165
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER

HL NO.: HL33020
 REF NO.: H79569
 TECHNICAL PARAMETERS:
 STYLE: 1HOLE 10TEETH
 ARM LENGTH: 125
 SPLINE: 1 1/2"
 BUSHING: φ12



SLACK ADJUSTER

HL NO.: HL33029
 REF NO.: H80022
 TECHNICAL PARAMETERS:
 STYLE: 6HOLE 10TEETH
 ARM LENGTH:
 SPLINE: 1 1/2"
 BUSHING: φ14



SLACK ADJUSTER

HL NO.: HL33030
 REF NO.: H80023
 TECHNICAL PARAMETERS:
 STYLE: 4HOLE 10TEETH
 ARM LENGTH:
 SPLINE: 1 1/2"
 BUSHING: φ14