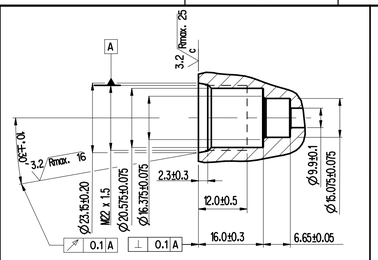
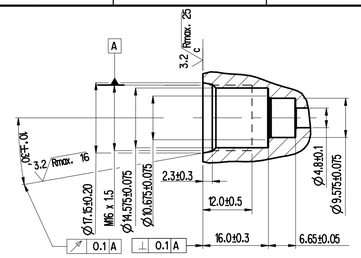
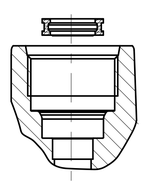


DETAILS OF PORT MACHINING FOR M22x1.5

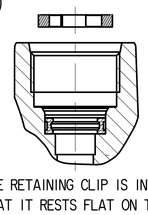


DETAILS OF PORT MACHINING FOR M16x1.5

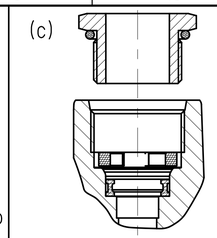
ASSEMBLY PROCEDURE:



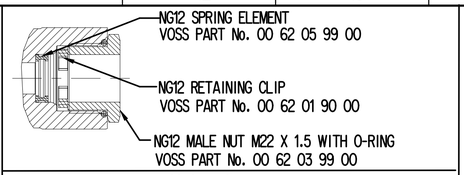
THE SPRING ELEMENT IS INSERTED INTO THE CHAMBER UNDER THE THREAD ROOT OF THE CONNECTION BORE (a) AND (b).

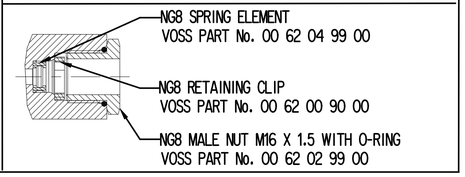


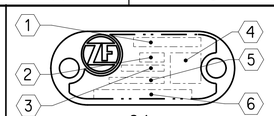
THE RETAINING CLIP IS INTRODUCED SO THAT IT RESTS FLAT ON THE THREAD ROOT (b) AND (c).
THE SPRING ELEMENT AND RETAINING CLIP ARE SYMMETRICAL.



THE MALE FITTING PRE-ASSEMBLED WITH THE PRE-GREASED O-RING TO SEAL THE THREAD IS SCREWED BY HAND INTO THE TAPPED BORE (c) AND TIGHTENED.



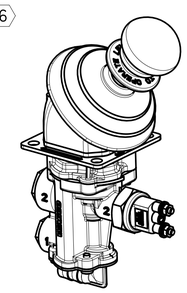




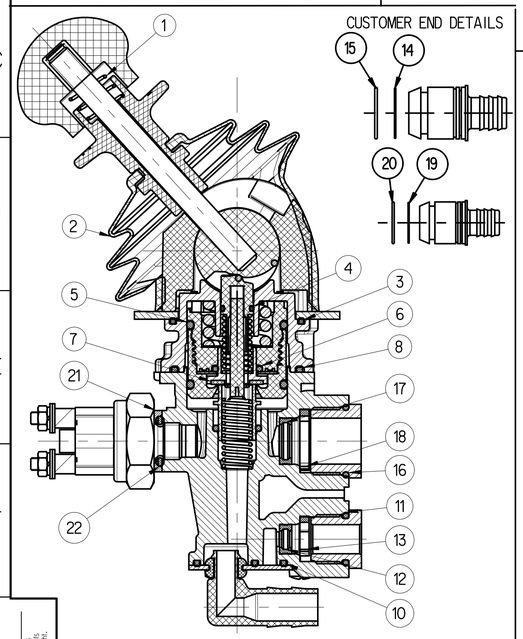
2:1

NAME PLATE DETAILS ⚠

1. CUSTOMER PART NUMBER
2. PRI
3. SERIAL NUMBER
4. 2D DATA MATRIX
5. BATCH CODE
6. ZF PART NUMBER



1:2



REPAIR KIT 300003161 (MSP 3/161) CONSISTS OF ITEMS SHOWN

S.No.	CUSTOMER PART No.	WIN PART No.	DESCRIPTION	QTY
1		M334770	SPRING	1
2		8977500194	GAITER	1
3		8973100014	GASKET-FLAT	1
4		8970831704	O-RING	1
5		8970853714	O-RING	2
6		8970700704	O-RING	1
7		8995000122	VALVE	1
8		8973100044	GASKET-FLAT	1
9		8971100024	WASHER	1
10		8973100034	GASKET-FLAT	1
		M919910	GREASE SACKET	1

PART NO. 8971100024-1 OFF IS PROVIDED IN THE KIT TO STANDARDISE THE VARIANTS

REPAIR KIT 300003123 (MSP 3/123) CONSISTS OF ITEMS SHOWN

S.No.	CUSTOMER PART No.	WIN PART No.	DESCRIPTION	QTY
11		8979803234	O-RING	1
12		8953700054	SPRING ELEMENT	1
13		8952267064	RETAINING CLIP	1
14		8979801454	O-RING	1
15		8979801564	O-RING	1

REPAIR KIT REQUIRED IS MAXIMUM 1 IN QTY.

REPAIR KIT 300003124 (MSP 3/124) CONSISTS OF ITEMS SHOWN

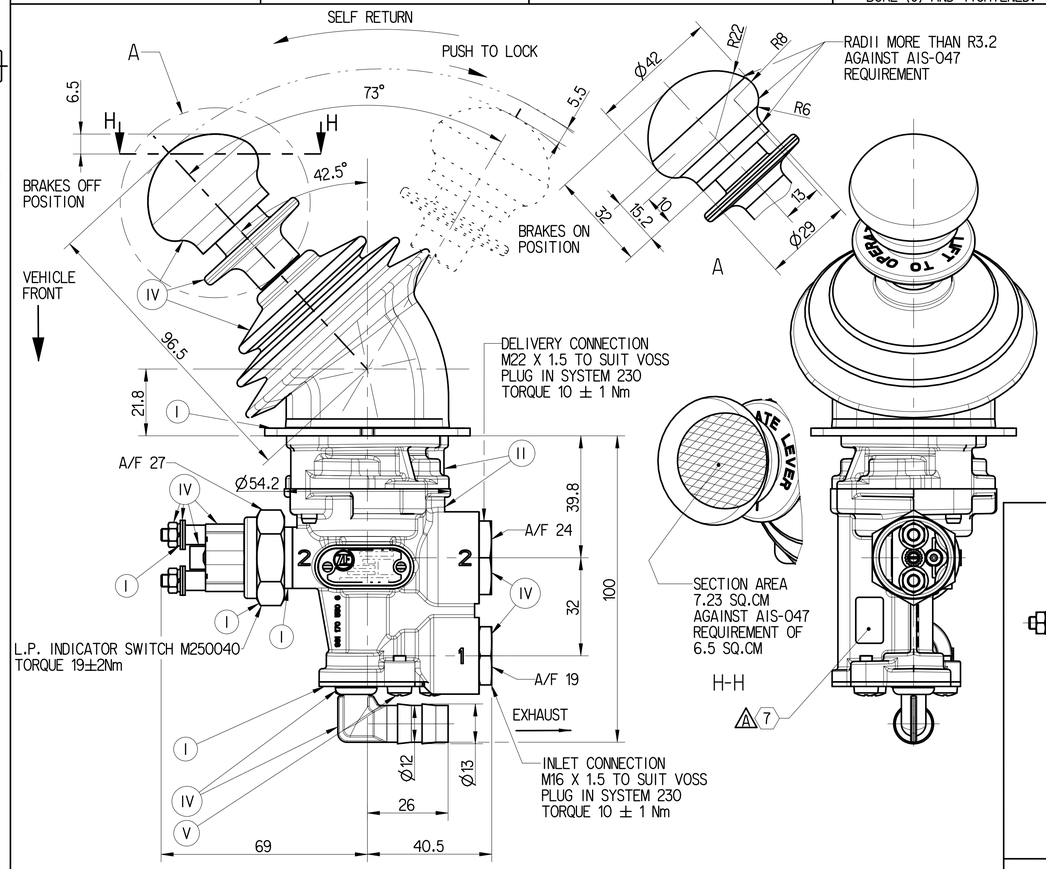
S.No.	CUSTOMER PART No.	WIN PART No.	DESCRIPTION	QTY
16		8979803224	O-RING	1
17		8953700044	SPRING ELEMENT	1
18		8952266974	RETAINING CLIP	1
19		8979801464	O-RING	1
20		8979801534	O-RING	1

REPAIR KIT REQUIRED IS MAXIMUM 1 IN QTY.

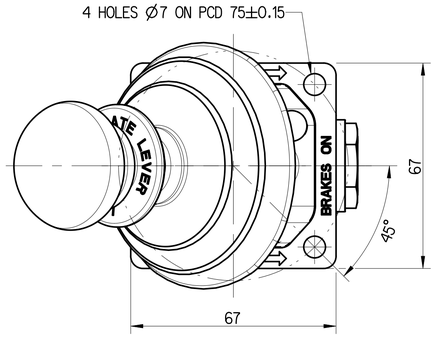
THE FOLLOWING ARE INDIVIDUAL SERVICEABLE PARTS

21		8951800004	WASHER
22		8979801824	O-RING

EACH INDIVIDUAL SERVICEABLE PART REQUIRED IS MAXIMUM 1 IN QTY



SURFACE PROECTION	
I	JED-256-5
II	JED 259-0
III	JED-807.0
IV	NO TREATMENT
V	JED 378-4



⚠ ASSY. NO.	LEVER ORIENTATION
9611700550	BASIC DWG
9611700560	FIG T
9611700570	FIG U
9611700580	FIG V

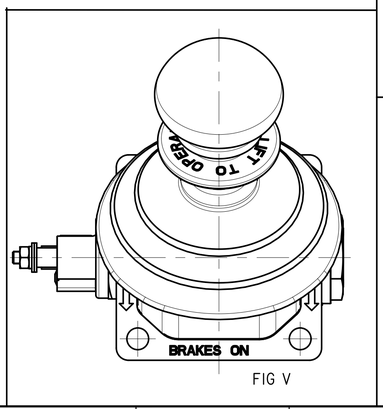
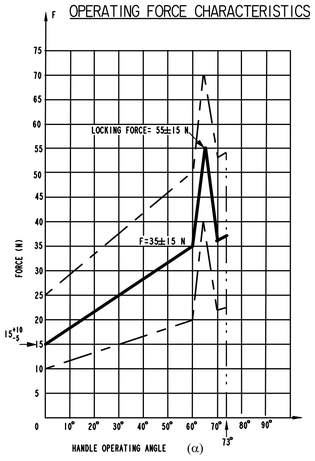


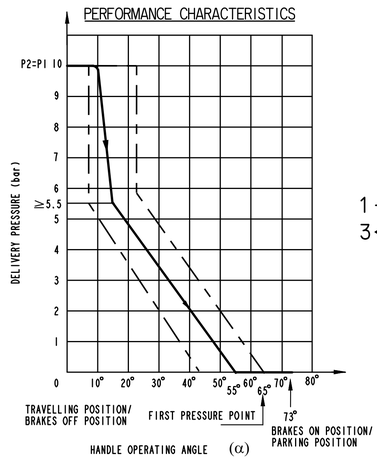
FIG V

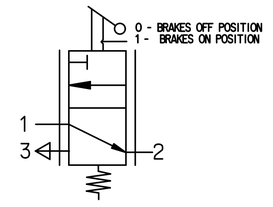
⚠ Merkmale nach WICF_C2_0008
Characteristics acc. to WICF_C2_0008
C 0(0) | S 0(0)

OPERATING FORCE CHARACTERISTICS



PERFORMANCE CHARACTERISTICS





CIRCUIT DIAGRAM

1 - INLET
2 - DELIVERY
3 - EXHAUST

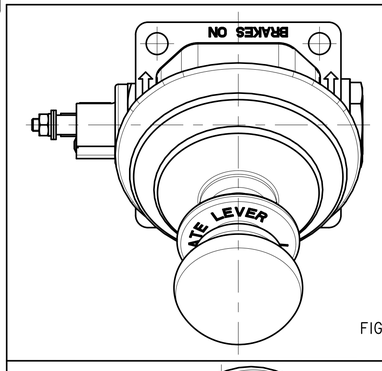


FIG T

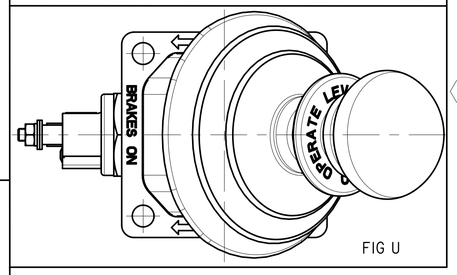


FIG U

SL.No.	NOTES	
1	PRODUCT FUNCTION AND RELIABILITY	
1.1	WORKING MEDIUM	AIR
1.2	NORMAL WORKING PRESSURE	10 bar
1.3	MAXIMUM OPERATING PRESSURE	13 bar
1.4	THERMAL RANGE OF APPLICATION	-40°C TO +80°C
1.5	CORROSION RESISTANCE	240 HOURS OF NSS
1.6	LEVER UNLOCKING FORCE	30 N max.
1.7	HYSTERESIS	2 bar max.
2	LEVER LOCKING FORCE OF 30 N (MIN) AFTER 0.1 MILLION CYCLES	
3	QUALITY COMPLIANCE PLAN TESTS ARE CONDUCTED REGULARLY AS PER CLAUSE No.12 OF PS 961 170 001 0	
4	SERVICE LIFE TO FIRST OVERHAUL - 3 YEARS/300000 KM WHICHEVER IS EARLIER IF FITTED AS PER RECOMMENDED LAYOUT	
5	OPEN PORTS ARE FITTED WITH CLOSURE PLUGS FOR STORAGE AND TRANSIT PURPOSES	
6	LEVER UNLOCKING FORCE WITHOUT LIFTING THE SLEEVE (ABUSE CONDITION) 220N MINIMUM	
7	CUSTOMER SPECIFIC LABEL - OPTIONAL ⚠	

⚠ General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP
Further Technical Data: 961 170 001 0
Doc. Code: 035 Sheet: 01 To 06

General Tolerances JED-261

Class 1)	Range of nominal dimensions in mm ≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400	∢
Fine	±0.5	±1	±1.5	±2	±3°
Medium X	±1	±2	±3	±4	
Coarse	±2	±3.5	±5	±6.5	

Tapped Holes acc. JED-152
1) Tolerance Class Applied Crossmarked

GHCV WITH SELF RETURN

Mass	Scale	Material No.	Date of first issue: 2015-01-14
0.644 kg	1:1 (1:2,2:1)	961 170 055 0	Doc.Code 053 / Language EN / Sheet 1/1
Size A 1	CAD System CREO	ECN-No. 519317 / Revision 6 A / Techn. Resp. 5211_WIN	Replacement for /

100mm