



1. *Introduction*

2. *Methodology*

3. *Results*

4. *Discussion*

5. *Conclusion*

6. *References*

7. *Appendix A*

8. *Appendix B*

9. *Appendix C*

10. *Appendix D*

11. *Appendix E*

12. *Appendix F*

13. *Appendix G*

14. *Appendix H*

15. *Appendix I*

16. *Appendix J*

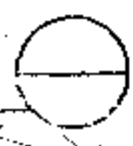
USED ON

1- INTRODUCED VIDE BK 912-87 ISSUE NIL  
 SUPERSEDES C6 20-29-00-7, VIDE NOTN. No 912-87

ITEM	DRAWING NUMBER	D S CAT NUMBER	DESCRIPTION	No. OFF	REMARKS
8.	20-29-18.	7A	ROTATABLE ANGLE	1.	
9.	20-29-21-1		NUT M12 x 1.5	1	
10.	20-29-28-1.		GASKET	2	
11.	20-27-112		CLAMP	2	
12.	20-40-141		PROTECTION BUSHING	2	REVERSIBLE.
13.	20-40-142		PROTECTION BUSHING	1	REVERSIBLE.
14.	20-55-06 B		PACKING RING	4	
15.	20-55-08 B		PACKING RING	4	
16.	302-50		WASHER	2	
17.	329-29		COUPLING NUT	2	
18.	329-30-2		RING	2	
19.	329-33-2		SPRING	2	
20.	354-22		LOCK WIRE L=260 mm.	2	
21.	525-265		RING	2	
22.	529-25		RING <i>Rubber</i>	2	
23.	529-31		WASHER	2	
24.	315-648		PLUG	2	
25.	700-60-4		SEAL	1	T.M.
26.	3334-50		SEAL	1	

ISSUE	DATE	NATURE OF AMENDMENTS	ISSUE	DATE	NATURE OF AMENDMENTS
B	7.3.01	90208/AHSP/E&P/SCALES/ dt 02.3.01			
A	21.10.97	90215/AHSP/E&P/AL dt 17.10.97			

DRN	<i>Panichandran</i>	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI.			
CHD	<i>[Signature]</i>	TITLE: FUEL FILTER ASSY.			
TCB	<i>Panichandran</i>	D S CAT NUMBER		ITEM LIST FOR	
APPD	<i>[Signature]</i>	SHT. No 2 OF 2.		C6 20-29-00-8	
DATE	05-08-89.				





DRAWING NUMBER  
20-29-09-9

EXPLANATORY NOTE:-

MATERIAL QUOTED:- A1 GOST 4784-74.

A1 = GRADE OF ALUMINIUM ALLOY.

CHEMICAL COMPOSITION:- %

Al = BASE CONSTITUENT.

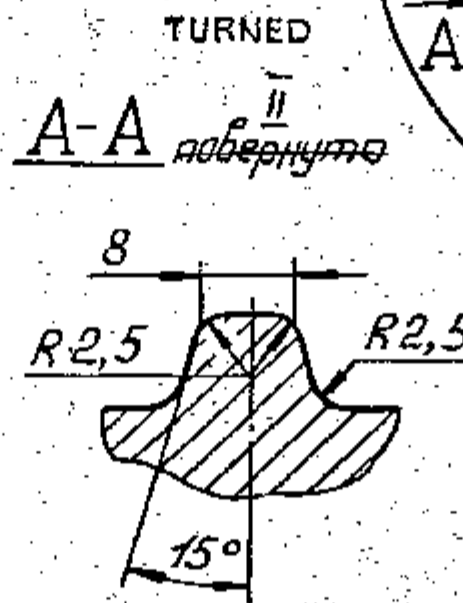
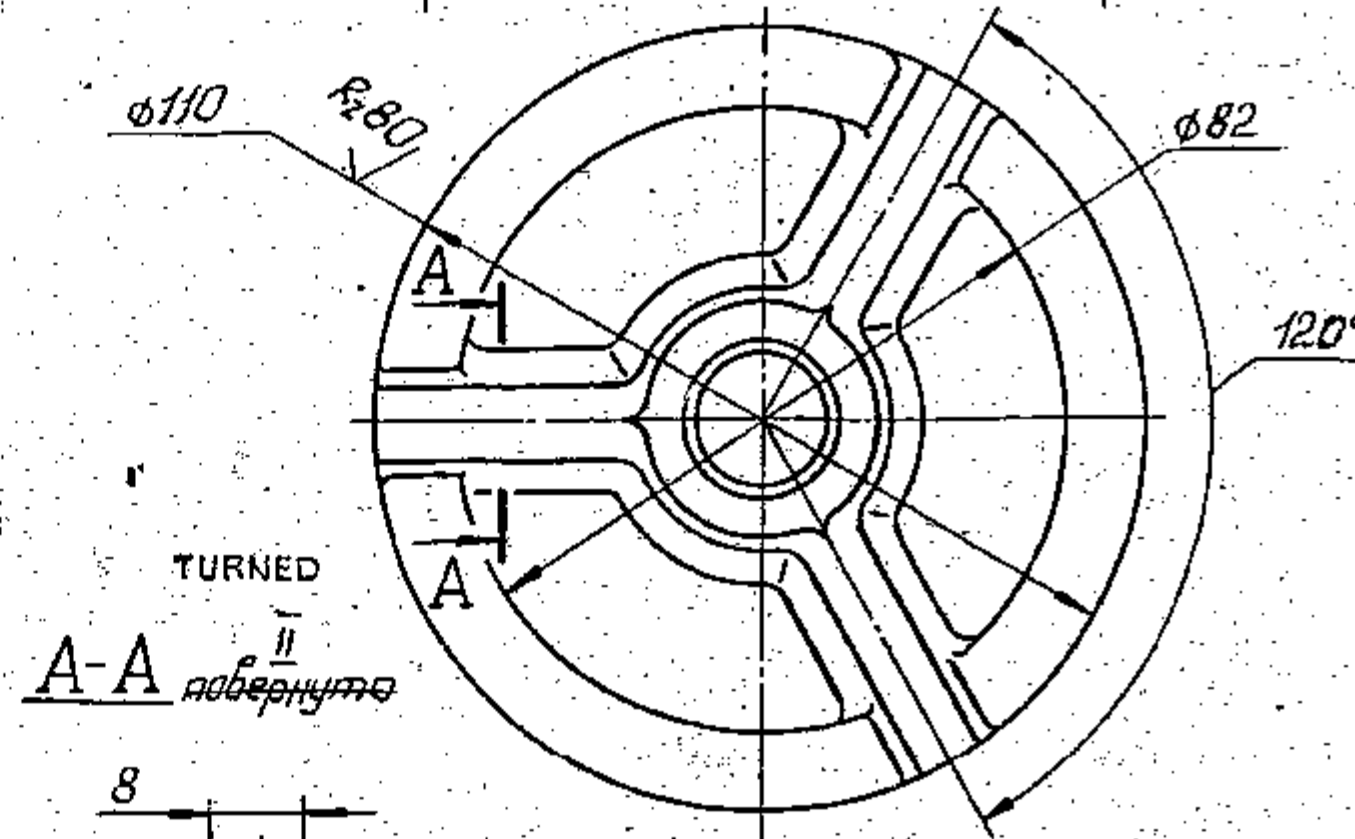
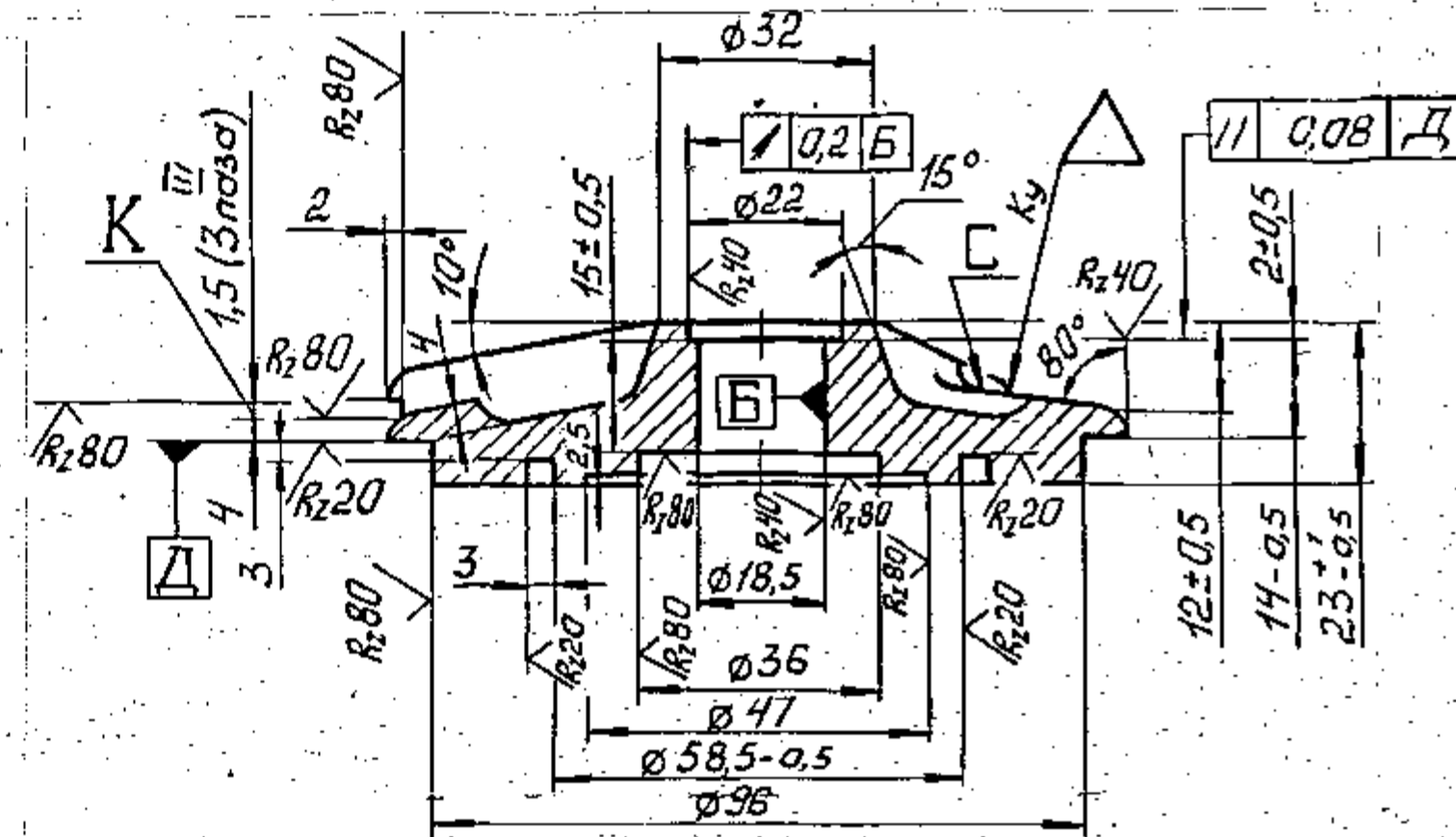
Cu = 3.8-4.8; Mg = 0.4-0.8; Mn = 0.4-0.8;

IMPURITIES (MAX) %

Fe = 0.7, Si = 0.7, Ni = 0.1, Zn = 0.3, Ti = 0.1,

OTHER IMPURITIES EACH INDIVIDUALLY = 0.05.

TOTAL = 0.1.



NOTE:-

- CONTROL GROUP IS OCC. TO TT-11.  
HB ≥ 90
- NON-INDICATED LIMIT DEVIATIONS OF DIMENSIONS ARE: H14, h14,  $\pm \frac{IT14}{2}$
- REQUIREMENTS TO STAMPING acc. TO CTN 264-77.
- TRACE FROM K GROOVE TREATMENT IS ALLOWED ON C SURFACE.

PILOT SAMPLE SHOULD BE APPROVED BY A H S P BEFORE BULK PRODUCTION.

EST. WT. 0.33 kg. TO BE STAMPED OR MARKED WHERE INDICATED THUS (LETTERS)

ALL SHARP EDGES AND CORNERS TO BE REMOVED. UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUT-SIDE R INSIDE. EQUIVALENT CHAMFERS ARE PERMISSIBLE.

DRN	CHO	TCD	APPD.	DATE	SCALE	DIMENSIONS IN mm	TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS 2102-69	ALL THREADS TO CONFORM TO
				23-9-86	1:1			
MATERIAL - A1 GOST 4784-74					USED ON C.6 20-29-00-8			
CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)					A V A D I			
TITLE: FILTER COVER							D'S CAT NUMBER	
DRAWING NUMBER 20-29-09-9							ISSUE DATE NATURE OF AMENDMENTS	

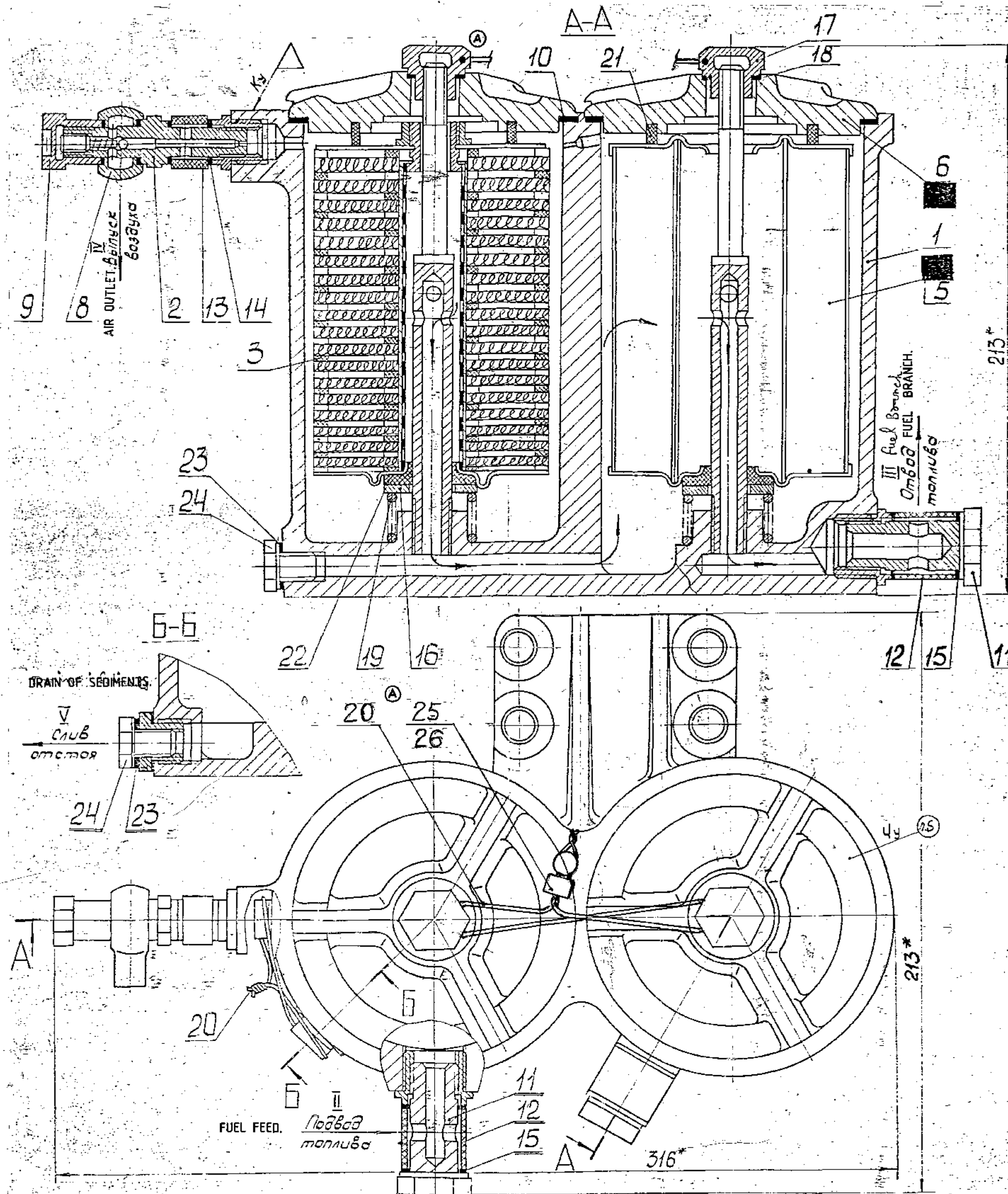
AUTHY. NOTN. NO. 010-86

EXPLANATORY NOTE ADDED ON 20-3-92

(V)

SIZE A2





1. Все детали перед сборкой тщательно промыть, кроме фильтрующих элементов.  
 2. Окончательно собранный фильтр промыть профильтрованным дизельным топливом и прессовать в течение 5 минут при давлении на входном клапане (5±0,5 кг/см²). Течь топлива не допускается. Прессовку производить при снятом клапане обратном поз. 2 и заглушенном отверстии под клапан.  
 3. После прессовки и промывки фильтра проверить качество фильтрации пропуская 200...300 см³ профильтрованного топлива через фильтровальную бумагу. Осадка, видимого невооруженным глазом, не должно быть. Контроль подлежит 10% узлов.  
 4. Клапан обратный поставить на место.  
 5. После испытания дизельное топливо из фильтра слить.  
 6. Маркировать обозначение сборочной единицы в зап. часть шрифтом ПО-5 ГОСТ 2930-62.  
 7. \* Размеры для справок.

1. Wash thoroughly all the parts before assembling except filter elements.
2. Wash finally assembled filter by filtered diesel fuel and shape at inlet under pressure 0.5 MPa (5 kgf/cm²) for five minutes. Fuel leakage is not allowed. Make shaping when a check valve is removed, pos. 2 and when a hole is closed under the valve.
3. Check filtration quality passing 200...300 cm³ of filtered fuel through filtering paper after shaping and washing. There must not be deposit seen with the naked eye. 10% units should be checked.
4. Put the check valve on its place.
5. Drain the diesel fuel from the filter after testing.
6. Mark the designation of an assembly unit as spare part by ПО-5 type, GOST 2930-62.
7. \* Dimensions for references.

03	912-87	20-29-00-8
Иванов	Иванов	Иванов

PILOT SAMPLE SHOULD BE APPROVED BY A H S P. BEFORE BULK PRODUCTION.

EST. MASS 5,4 Kg. TO BE STAMPED OR MARKED WHERE INDICATED THUS # LETTERS)  
 ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUTSIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.

DRN	CHD	TCD	APPD	DATE	SCALE	DIMENSIONS IN mm.	TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS 2192-69	ALL THREADS TO CONFORM TO	MATERIAL	USED ON	CONTROLLER OF QUALITY ASSURANCE (HEAVY)	TITLE	D S CAT NUMBER	ISSUE DATE	NATURE OF AMENDMENTS
				29-07-69	1:1					CB 20-29-00-8	AVAD	FUEL FILTER ASSY			

