

# CERTIFICATE

Of Conformity of Hydrostatic Proof Test according to MSS SP-99-2016a, Clause No. 6.1.1  
 FOR VENTED CAP BODY GREASE FITTINGS &  
 PACKING / BONNET INJECTION FITTINGS

ORDER NO. : 166225433

CERTIFICATE NO. : 166225433-008

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NAME OF MANUFACTURER : M/s. DAWSONS-TECH COMPONENTS LLP

Unit No. DD - 6 & 7, Khan Real Industrial Estate,  
 N. H. 08, Pelhar, Vasai Phata, Vasai (East),  
 Dist. Palghar - 401208, Maharashtra, INDIA.

**Product Name** : Vented Cap Body Grease Fittings & Packing / Bonnet Injection Fittings.

**Material of Construction** : SS316

**Pressure Rating** : CWP 689 Bar (10,000 PSIG)

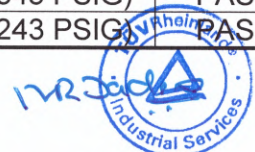
## Testing Parameters :

1. Temperature during testing : 20° C to 40° C
2. Test Pressure : 1.5 times the CWP rating
3. Test Pressure variations : ± 5 % PSIG
4. Test medium : Water
5. Verification of material properties : Material test certificate reviewed according to MSS SP-99 2016a, Clause No. 3
6. Pressure Gauge : Calibration Certificate reviewed
7. Verification of Dimensions : Verified inspection report with relevant drawing of each components
8. Time for monitoring leakage : 3 minutes
9. Quantity of each size of Fittings : 3 Nos

## Test Result :

The test result shown below for the Hydrostatic Proof Pressure Test for Vented Cap Body Grease Fittings & Packing / Bonnet Injection Fittings.

Size	Tested Item No.	Pressure Rating	Test Pressure Recorded	Result
1/4" NPT	GF03-4N/SS/1	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*
	GF03-4N/SS/2	689 Bar (10,000 PSIG)	1045 Bar (15,156 PSIG)	PASS*
	GF03-4N/SS/3	689 Bar (10,000 PSIG)	1041 Bar (15,098 PSIG)	PASS*
3/8" NPT	GF03-6N/SS/1	689 Bar (10,000 PSIG)	1051 Bar (15,243 PSIG)	PASS*
	GF03-6N/SS/2	689 Bar (10,000 PSIG)	1036 Bar (15,025 PSIG)	PASS*
	GF03-6N/SS/3	689 Bar (10,000 PSIG)	1042 Bar (15,113 PSIG)	PASS*
1/2" NPT	GF03-8N/SS/1	689 Bar (10,000 PSIG)	1040 Bar (15,084 PSIG)	PASS*
	GF03-8N/SS/2	689 Bar (10,000 PSIG)	1058 Bar (15,345 PSIG)	PASS*
	GF03-8N/SS/3	689 Bar (10,000 PSIG)	1051 Bar (15,243 PSIG)	PASS*



Size	Tested Item No.	Pressure Rating	Test Pressure Recorded	Result
3/4" NPT	GF03-12N/SS/1	689 Bar (10,000 PSIG)	1035 Bar (15,011 PSIG)	PASS*
	GF03-12N/SS/2	689 Bar (10,000 PSIG)	1038 Bar (15,055 PSIG)	PASS*
	GF03-12N/SS/3	689 Bar (10,000 PSIG)	1052 Bar (15,258 PSIG)	PASS*
1" NPT	GF03-16N/SS/1	689 Bar (10,000 PSIG)	1049 Bar (15,214 PSIG)	PASS*
	GF03-16N/SS/2	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*
	GF03-16N/SS/3	689 Bar (10,000 PSIG)	1037 Bar (15,040 PSIG)	PASS*
1/4" NPT	GF07-4N/SS/1	689 Bar (10,000 PSIG)	1041 Bar (15,098 PSIG)	PASS*
	GF07-4N/SS/2	689 Bar (10,000 PSIG)	1044 Bar (15,142 PSIG)	PASS*
	GF07-4N/SS/3	689 Bar (10,000 PSIG)	1036 Bar (15,026 PSIG)	PASS*
3/8" NPT	GF07-6N/SS/1	689 Bar (10,000 PSIG)	1059 Bar (15,359 PSIG)	PASS*
	GF07-6N/SS/2	689 Bar (10,000 PSIG)	1042 Bar (15,113 PSIG)	PASS*
	GF07-6N/SS/3	689 Bar (10,000 PSIG)	1045 Bar (15,156 PSIG)	PASS*
1/2" NPT	GF07-8N/SS/1	689 Bar (10,000 PSIG)	1055 Bar (15,301 PSIG)	PASS*
	GF07-8N/SS/2	689 Bar (10,000 PSIG)	1046 Bar (15,171 PSIG)	PASS*
	GF07-8N/SS/3	689 Bar (10,000 PSIG)	1052 Bar (15,258 PSIG)	PASS*
3/4" NPT	GF07-12N/SS/1	689 Bar (10,000 PSIG)	1053 Bar (15,272 PSIG)	PASS*
	GF07-12N/SS/2	689 Bar (10,000 PSIG)	1051 Bar (15,243 PSIG)	PASS*
	GF07-12N/SS/3	689 Bar (10,000 PSIG)	1041 Bar (15,098 PSIG)	PASS*
1" NPT	GF07-16N/SS/1	689 Bar (10,000 PSIG)	1037 Bar (15,040 PSIG)	PASS*
	GF07-16N/SS/2	689 Bar (10,000 PSIG)	1040 Bar (15,084 PSIG)	PASS*
	GF07-16N/SS/3	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*
1/4" NPT	GF09-4N/SS/1	689 Bar (10,000 PSIG)	1041 Bar (15,098 PSIG)	PASS*
	GF09-4N/SS/2	689 Bar (10,000 PSIG)	1058 Bar (15,345 PSIG)	PASS*
	GF09-4N/SS/3	689 Bar (10,000 PSIG)	1053 Bar (15,272 PSIG)	PASS*
3/8" NPT	GF09-6N/SS/1	689 Bar (10,000 PSIG)	1051 Bar (15,243 PSIG)	PASS*
	GF09-6N/SS/2	689 Bar (10,000 PSIG)	1053 Bar (15,272 PSIG)	PASS*
	GF09-6N/SS/3	689 Bar (10,000 PSIG)	1045 Bar (15,156 PSIG)	PASS*
1/2" NPT	GF09-8N/SS/1	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*
	GF09-8N/SS/2	689 Bar (10,000 PSIG)	1036 Bar (15,026 PSIG)	PASS*
	GF09-8N/SS/3	689 Bar (10,000 PSIG)	1043 Bar (15,127 PSIG)	PASS*
3/4" NPT	GF09-12N/SS/1	689 Bar (10,000 PSIG)	1040 Bar (15,084 PSIG)	PASS*
	GF09-12N/SS/2	689 Bar (10,000 PSIG)	1048 Bar (15,200 PSIG)	PASS*
	GF09-12N/SS/3	689 Bar (10,000 PSIG)	1043 Bar (15,127 PSIG)	PASS*
1" NPT	GF09-16N/SS/1	689 Bar (10,000 PSIG)	1058 Bar (15,345 PSIG)	PASS*
	GF09-16N/SS/2	689 Bar (10,000 PSIG)	1049 Bar (15,214 PSIG)	PASS*
	GF09-16N/SS/3	689 Bar (10,000 PSIG)	1052 Bar (15,258 PSIG)	PASS*
1/4" NPT	GF15-4N/SS/1	689 Bar (10,000 PSIG)	1043 Bar (15,127 PSIG)	PASS*
	GF15-4N/SS/2	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*
	GF15-4N/SS/3	689 Bar (10,000 PSIG)	1040 Bar (15,084 PSIG)	PASS*
3/8" NPT	GF15-6N/SS/1	689 Bar (10,000 PSIG)	1050 Bar (15,229 PSIG)	PASS*
	GF15-6N/SS/2	689 Bar (10,000 PSIG)	1051 Bar (15,243 PSIG)	PASS*
	GF15-6N/SS/3	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*



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Size	Tested Item No.	Pressure Rating	Test Pressure Recorded	Result
1/2" NPT	GF15-8N/SS/1	689 Bar (10,000 PSIG)	1038 Bar (15,055 PSIG)	PASS*
	GF15-8N/SS/2	689 Bar (10,000 PSIG)	1047 Bar (15,185 PSIG)	PASS*
	GF15-8N/SS/3	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*
3/4" NPT	GF15-12N/SS/1	689 Bar (10,000 PSIG)	1051 Bar (15,243 PSIG)	PASS*
	GF15-12N/SS/2	689 Bar (10,000 PSIG)	1055 Bar (15,301 PSIG)	PASS*
	GF15-12N/SS/3	689 Bar (10,000 PSIG)	1043 Bar (15,127 PSIG)	PASS*
1" NPT	GF15-16N/SS/1	689 Bar (10,000 PSIG)	1049 Bar (15,214 PSIG)	PASS*
	GF15-16N/SS/2	689 Bar (10,000 PSIG)	1039 Bar (15,069 PSIG)	PASS*
	GF15-16N/SS/3	689 Bar (10,000 PSIG)	1044 Bar (15,142 PSIG)	PASS*
1/4" NPT	GBH61-4N/SS/1	689 Bar (10,000 PSIG)	1035 Bar (15,011 PSIG)	PASS*
	GBH61-4N/SS/2	689 Bar (10,000 PSIG)	1043 Bar (15,127 PSIG)	PASS*
	GBH61-4N/SS/3	689 Bar (10,000 PSIG)	1041 Bar (15,098 PSIG)	PASS*
3/8" NPT	GBH61-6N/SS/1	689 Bar (10,000 PSIG)	1052 Bar (15,258 PSIG)	PASS*
	GBH61-6N/SS/2	689 Bar (10,000 PSIG)	1055 Bar (15,301 PSIG)	PASS*
	GBH61-6N/SS/3	689 Bar (10,000 PSIG)	1041 Bar (15,098 PSIG)	PASS*
1/2" NPT	GBH61-8N/SS/1	689 Bar (10,000 PSIG)	1040 Bar (15,084 PSIG)	PASS*
	GBH61-8N/SS/2	689 Bar (10,000 PSIG)	1048 Bar (15,200 PSIG)	PASS*
	GBH61-8N/SS/3	689 Bar (10,000 PSIG)	1051 Bar (15,243 PSIG)	PASS*
3/4" NPT	GBH61-12N/SS/1	689 Bar (10,000 PSIG)	1055 Bar (15,301 PSIG)	PASS*
	GBH61-12N/SS/2	689 Bar (10,000 PSIG)	1042 Bar (15,113 PSIG)	PASS*
	GBH61-12N/SS/3	689 Bar (10,000 PSIG)	1047 Bar (15,185 PSIG)	PASS*
1" NPT	GBH61-16N/SS/1	689 Bar (10,000 PSIG)	1041 Bar (15,098 PSIG)	PASS*
	GBH61-16N/SS/2	689 Bar (10,000 PSIG)	1038 Bar (15,055 PSIG)	PASS*
	GBH61-16N/SS/3	689 Bar (10,000 PSIG)	1047 Bar (15,185 PSIG)	PASS*

**PASS\*** : No leakage detected during the test.

**Comments :**

DAWSONS-TECH Vented Cap Body Grease Fittings & Packing / Bonnet Injection Fittings meets the requirements of Hydrostatic Proof Test in accordance with MSS SP-99-2016a, Clause No. 6.1.1.

For, **TUV Rheinland (India) Pvt. Ltd.**



Malcolm Dadina  
 (General Manager - Industrial Services)

Date : 29/01/2020