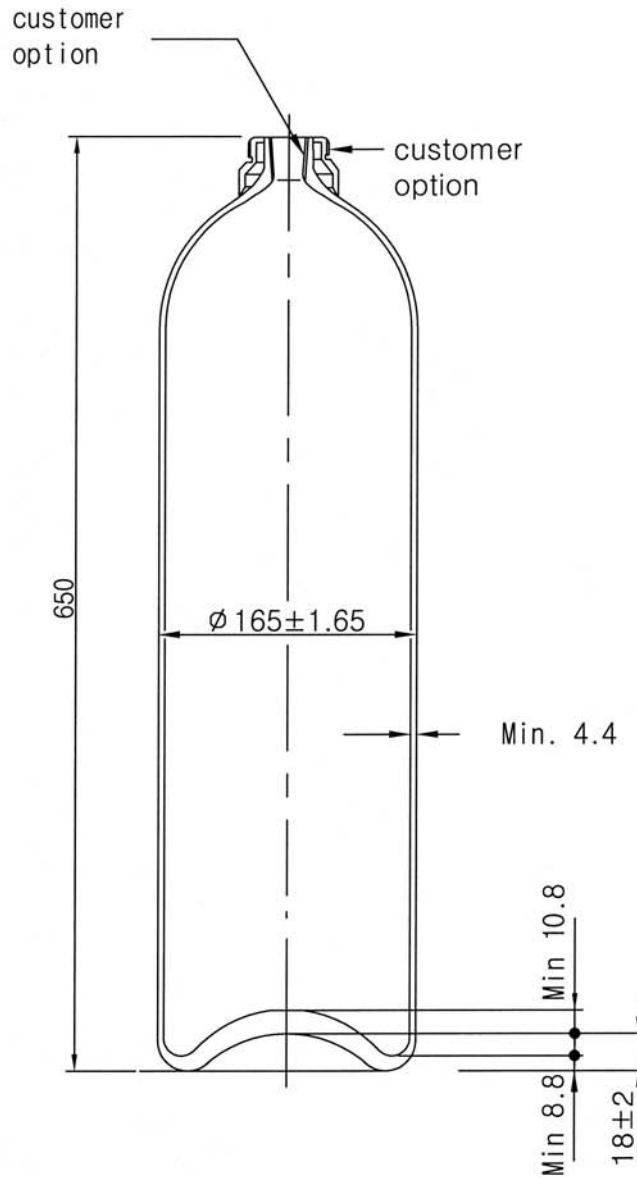


CYLINDER

FTC-10



TECHNICAL REQUIREMENTS

1. APPLICATION STANDARD : KOREA HIGH PRESSURE GAS SAFETY CONTROL REGULATION
2. FILLING CONTENTS:PERMANENT GAS OR LIQUIFIED GAS
3. ENVIRONMENTAL CLIMATE : -20°C ~ 60°C
4. MATERIALS : 37Mn Steel
5. HEAT TREATMENT : QUENCHED AND TEMPERED
6. HYDRAULIC TEST PRESSURE : 250bar (25.0MPa)
7. MAXIMUM WORKING PRESSURE : 150bar (15.0MPa)

8.

CHEMICAL COMPOSITION	%	C	Mn	Si	S	P	S+P
		0.36~0.40	1.50~1.75	0.17~0.37	Min 0.025	Min 0.030	Min 0.050

9.

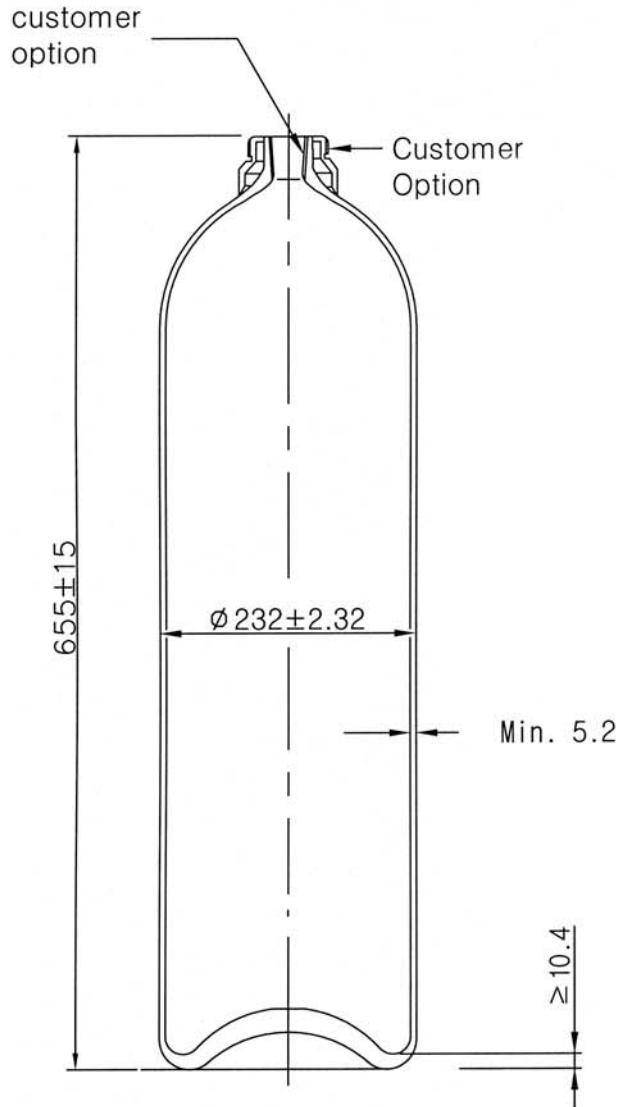
MECHANICAL PROPERTIES	TENSILE STRENGTH	YIELD STRESS	ELONGATION	IMPACT VALUE(LONGITUDINAL)
	Min 720N/mm2	Min 520N/mm2	Min 12%	AV>70J/cm ² (20° C)

10.

SPECIFICATION	VOLUMETRIC(WATER)CAPACITY(L)	
	10	$\pm \frac{5\%}{0}$
	LENGTH APPROX.(mm) ±20	650
	TARE WEIGHT APPROX.(kg)	15 ±3

CYLINDER

FTC-20



TECHNICAL REQUIREMENTS

1. APPLICATION STANDARD : KOREA HIGH PRESSURE GAS SAFETY CONTROL REGULATION
2. FILLING CONTENTS:PERMANENT GAS OR LIQUIFIED GAS
3. ENVIRONMENTAL CLIMATE : -20° C ~ 60° C
4. MATERIALS : MANGANESE STEEL
5. HEAT TREATMENT : QUENCHED AND TEMPERED
6. HYDRAULIC TEST PRESSURE : 250bar (25.0MPa)
7. MAXIMUM WORKING PRESSURE : 150bar (15.0MPa)

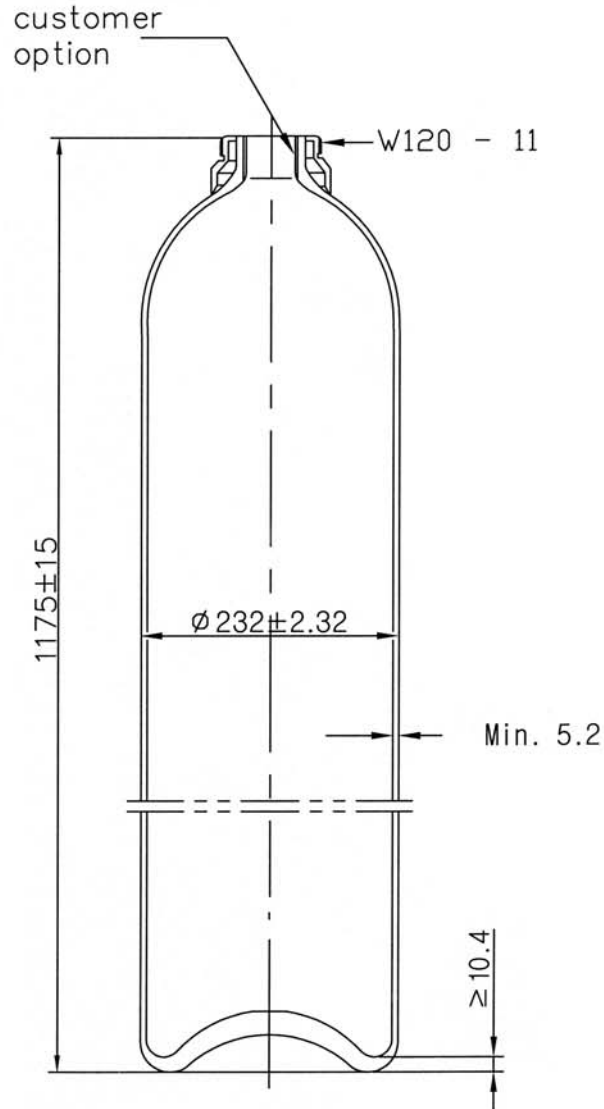
CHEMICAL COMPOSITION	%	C	Mn	Si	S	P
		0.30-0.41	1.35-1.70	0.10-0.35	≤0.030	≤0.030

MECHANICAL PROPERTIES	TENSILE STRENGTH	YIELD STRESS	ELONGATION	IMPACT VALUE(LONGITUDINAL)
	≥750N/mm ²	≥580N/mm ²	A≥17%(50mm)	AV≥70J/cm ² (20° C)

SPECIFICATION	VOLUMETRIC(WATER)CAPACITY(L)	20 ⁺⁵ / ₀
	LENGTH APPROX. (mm)	655
	TARE WEIGHT APPROX. (kg)	28 ±3

CYLINDER

FTC-40



TECHNICAL REQUIREMENTS

1. APPLICATION STANDARD : KS B 6210
2. FILLING CONTENTS:PERMANENT GAS OR LIQUIFIED GAS
3. ENVIRONMENTAL CLIMATE:-20° C ~ 60° C
4. MATERIALS: MANGANESE STEEL
5. HEAT TREATMENT : QUENCHED AND TEMPERED
6. HYDRAULIC TEST PRESSURE:250bar (25.0MPa)
7. MAXIMUM WORKING PRESSURE:150bar (15.0MPa)

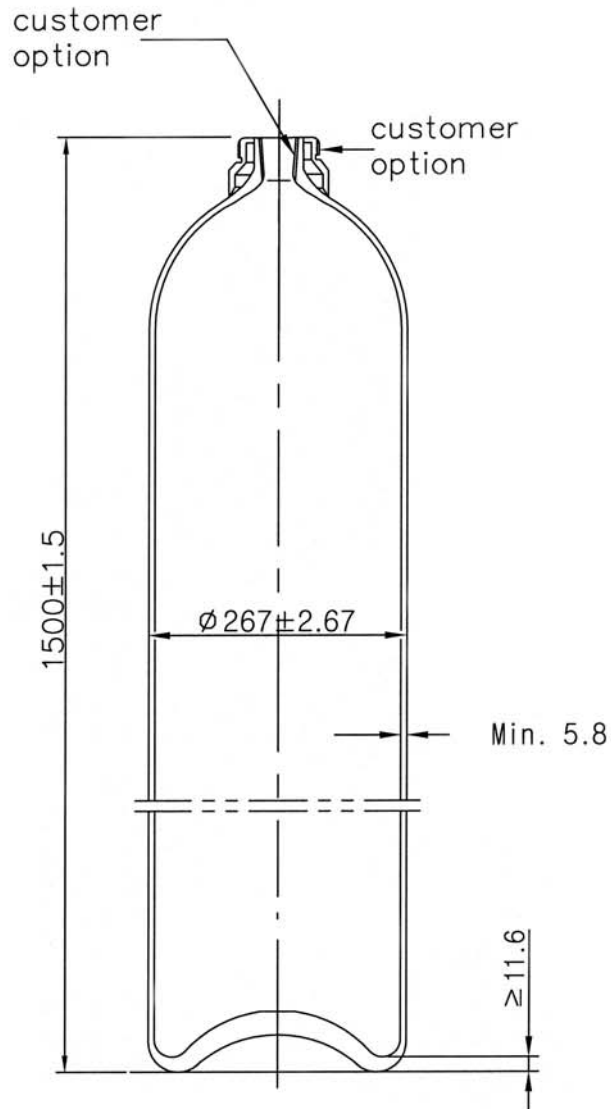
CHEMICAL COMPOSITION	%	C	Mn	Si	S	P
		0.30-0.41	1.35-1.70	0.10-0.35	≤0.030	≤0.030

MECHANICAL PROPERTIES	TENSILE STRENGTH	YIELD STRESS	ELONGATION	IMPACT VALUE(LONGITUDINAL)
	≥750N/mm2	≥580N/mm2	A≥17%(50mm)	AV≥70J/cm ² (20°C)

SPECIFICATION	VOLUMETRIC(WATER)CAPACITY(L)	40 ^{+5%} / ₀
	LENGTH APPROX.(mm)	1175 ±15
	TARE WEIGHT APPROX.(kg)	44 ±3

CYLINDER

FTC-68



TECHNICAL REQUIREMENTS

1. APPLICATION STANDARD : KS B 6210
2. FILLING CONTENTS:PERMANENT GAS OR LIQUIFIED GAS
3. ENVIRONMENTAL CLIMATE:-20° C ~ 60° C
4. MATERIALS:MANGANESE STEEL
5. HEAT TREATMENT : QUENCHED AND TEMPERED
6. HYDRAULIC TEST PRESSURE:250bar (25.0MPa)
7. MAXIMUM WORKING PRESSURE:150bar (15.0MPa)

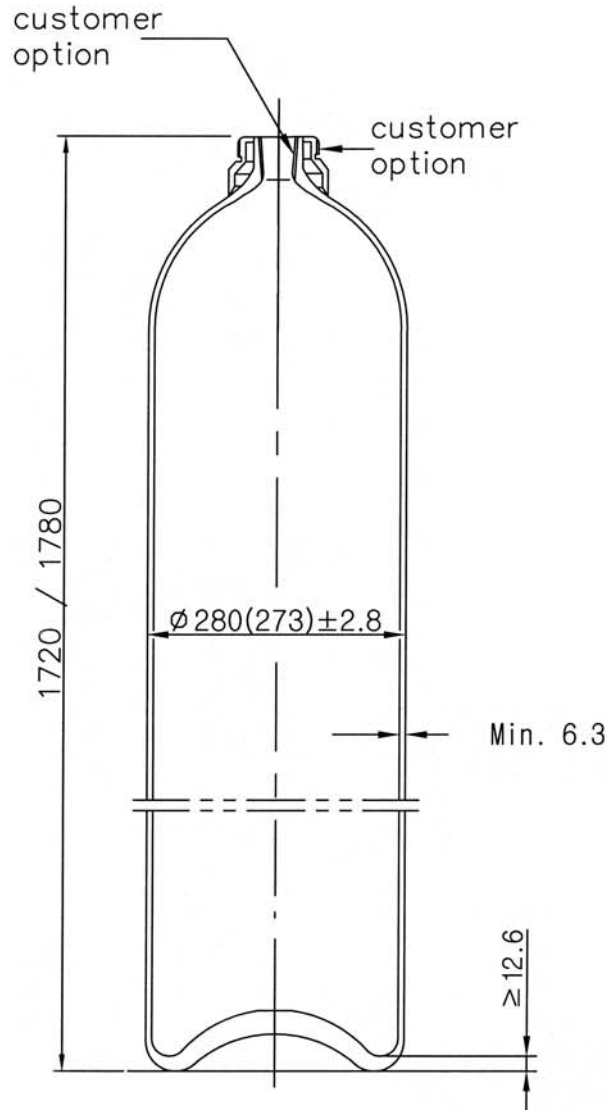
8. CHEMICAL COMPOSITION	%	C	Mn	Si	S	P
		0.30-0.41	1.35-1.70	0.10-0.35	≤0.030	≤0.030

9. MECHANICAL PROPERTIES	TENSILE STRENGTH	YIELD STRESS	ELONGATION	IMPACT VALUE(LONGITUDINAL)
	≥750N/mm ²	≥590N/mm ²	A≥17%(50mm)	AV≥70J/cm ² (20°C)

10. SPECIFICATION	VOLUMETRIC(WATER)CAPACITY(L)	67.5 ⁺⁵ / ₀
	LENGTH APPROX. (mm)	1500 ±15
	TARE WEIGHT APPROX. (kg)	72 ±3

CYLINDER

FTC-87



TECHNICAL REQUIREMENTS

1. APPLICATION STANDARD : KS B 6210
2. FILLING CONTENTS:PERMANENT GAS OR LIQUIFIED GAS
3. ENVIRONMENTAL CLIMATE:-20° C ~ 60° C
4. MATERIALS:MANGANESE STEEL
5. HEAT TREATMENT : QUENCHED AND TEMPERED
6. HYDRAULIC TEST PRESSURE:250bar (25.0MPa)
7. MAXIMUM WORKING PRESSURE: 150bar (15.0MPa)

CHEMICAL COMPOSITION	%	C	Mn	Si	S	P
		0.30-0.41	1.35-1.70	0.10-0.35	≤ 0.030	≤ 0.030

MECHANICAL PROPERTIES	TENSILE STRENGTH	YIELD STRESS	ELONGATION	IMPACT VALUE(LONGITUDINAL)
	≥ 750N/mm ²	≥ 580N/mm ²	A ≥ 17%(50mm)	AV ≥ 70J/cm ² (20°C)

SPECIFICATION	VOLUMETRIC(WATER)CAPACITY(L)	87
	LENGTH APPROX.(mm)	1720 / 1780
	TARE WEIGHT APPROX.(kg)	97