

A

B

C

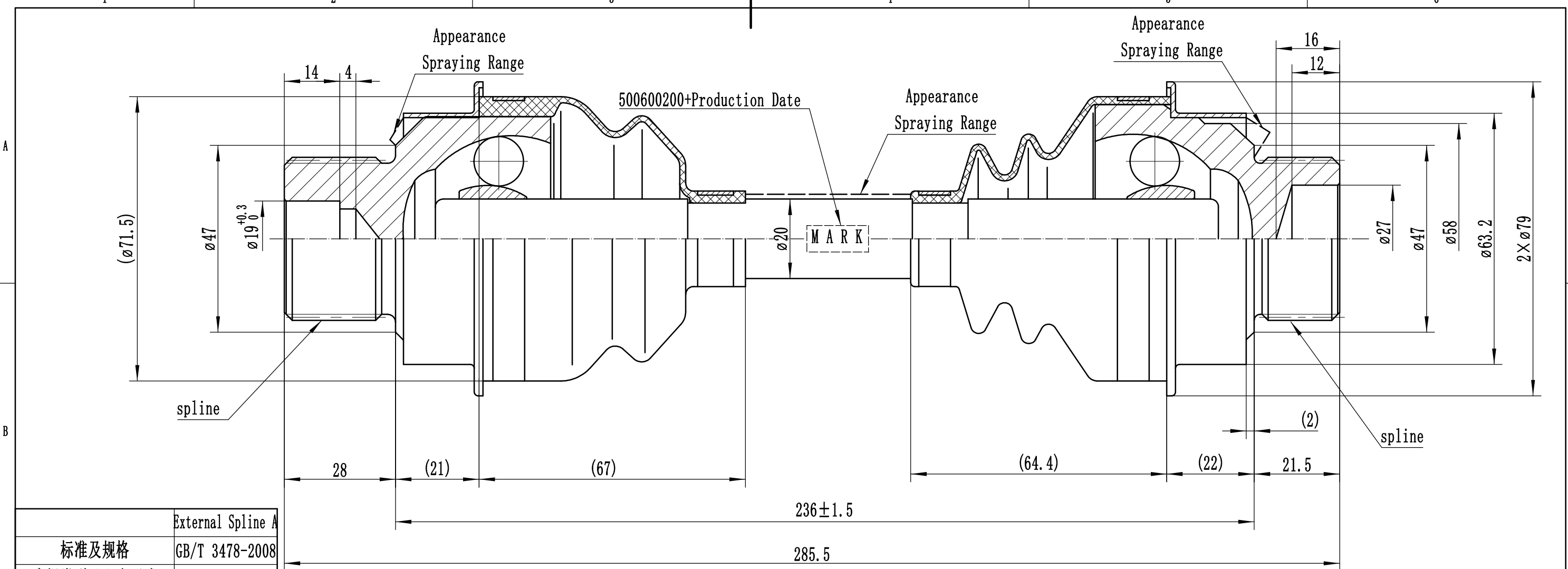
D

A

B

C

D



	External Spline A	
标准及规格	GB/T 3478-2008	
齿根类型及配合形式		
Number of Teeth	Z	39
Module	m	1
Pressure Angle	α	45°
Pitch diameter	D	39
基圆直径	D _b	
变位系数	X	
Minor Diameter	D _{ie}	ø38 ⁰ _{-0.25}
Major Diameter	D _{ee}	ø40 ^{+0.15} _{-0.25}
渐开线起始圆直径最大值	D _{fe}	
最大实际齿厚	S _{max}	
最小实际齿厚	S _{min}	
最大作用齿厚	S _{vmax}	
最小作用齿厚	S _{vmin}	
刀具圆角半径	R	
Pin Diameter	D _{Re}	ø2
M-value	M _{Re}	42.36 ⁰ _{-0.06}
齿距累积公差	F _p	
齿向公差	F _β	
齿圈跳动	F _r	
配合零件代号		

Technical Requirements

- Fixed - end CV joint: Max swing angle 46° , max swing torque 5N•m, swing flexibly without jamming.
- Min static torsion strength: 1530N•m.
- Axial clearance: With ±100N axial force on drive shaft, fixed - end axial clearance ≤ 0.65mm.
- Circumferential clearance: With ±10N torque on drive, circumferential angle clearance ≤1.5° .
- Pull - off force: With 2000N axial tension on drive shaft, intermediate shaft mustn' t detach from CV joint.
- Service life: No failure within 10,000 kilometers or 1 year of use.
- Grease filling:
(1) Fixed CV joint: Fill Great Wall TBF - B grease, total 30(+15/-5)g; 20±5g in joint, 10(+10/0)g in sleeve.
(2) Movable CV joint: Fill Great Wall TBF - B grease, total 30(+15/-5)g; 20±5g in joint, 10(+10/0)g in sleeve.
- Dust cover of axially movable CV joint: Lock with clamp during assembly, ensure internal & external air pressure equal.
- Assembly: Neat appearance; bearing & oil seal gears surface rust - proof; use matching - length opaque bag for sealed packaging.
- As per order requirements, mark the middle of the exposed intermediate shaft (bold 12-point font) with content: 500600200 + production year and month (each represented by two digits).

变更版本号	变更通知号	修订人	修订日期	处数	修订内容简述
★标识为关键特性 ☆标识为重要特性		共 1 张	第 1 张	Assembly	
		图纸版本号	A01		
		设计		阶段标记 重量 比例	
		校对			
		工艺			
该图纸版权属重庆金纳动力科技有限公司, 未经允许不得复制和擅自使用		标准化		1:1 图纸代号 500600200	
		批准			
		第一角投影		物料编码	6040100024