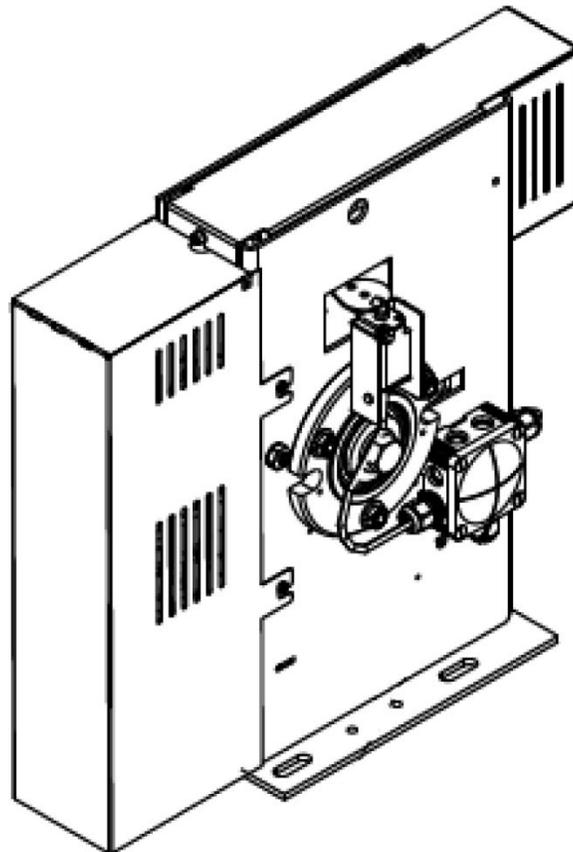


**WITTUR® OL100
Governor**

Spare Parts Leaflet

15-AAA20620A

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OTIS

This document does not contain any
technical data subject to EAR or ITAR

SERVICE ENGINEERING
Otis Elevator Company
Bloomfield, Connecticut USA

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History

15-AAA20620A

Leaflet Description

This leaflet provides information for the WITTUR® OL100 governor. The base number for the OL100 governor is AAA20620A and the tension frame is AAA22700F.

Leaflet Revisions

Date Revised	Subject Matter Expert	Reason for Revision
September 25, 2024	Gary Mendrala	New SPL

Related Drawings

Drawing No.	Title	Drawing No.	Title
AAA20620A	Wittur OL100 Governor	AAA712Q	Wire Rope
AAA22700AF	Wittur Tension Frame		

Related Documents

Document ID	Title
SPL 15-AAA22700AF	Tension Frame: WITTUR® OL100
SPL 11-AAA712P	Wire Rope, Coated Steel Belts (CSB), and Tools
SPL 11-AAA6612AW	Wire Rope Terminations

Subject Matter Expert

Name	Department
Gary Mendrala	Service Engineering

About Spare Parts Leaflets...

This document lists the lowest replaceable units (LRUs) for the standard version of the product. The LRUs are chosen by a team of Otis associates representing engineering and manufacturing.

While goal of this document is to make parts identification as easy as possible, the document cannot be all-inclusive. Elevator and escalator contracts classified as “special” or “custom” are not addressed here. For such contracts, please refer to specified information, the contract folder, TIPs, Field Education Articles, Construction Letters, etc. for further information.

If you have any suggestions about this document, please contact the subject matter expert listed on this page.

Specifications

15-AAA20620A

This leaflet provides information for the WITTUR® OL100 governor. The specifications for the governor are listed below.

The OL100 is a modular governor and speed **cannot be adjusted in the field**. It is not intended to be rebuilt or recalibrated.

For terminations, refer to SPL 11-AAA6612AW, *Wire Rope Terminations*. The governor rope terminations are 227C7, 8 (babbitt) and AAA227E14 (wedge clamp).

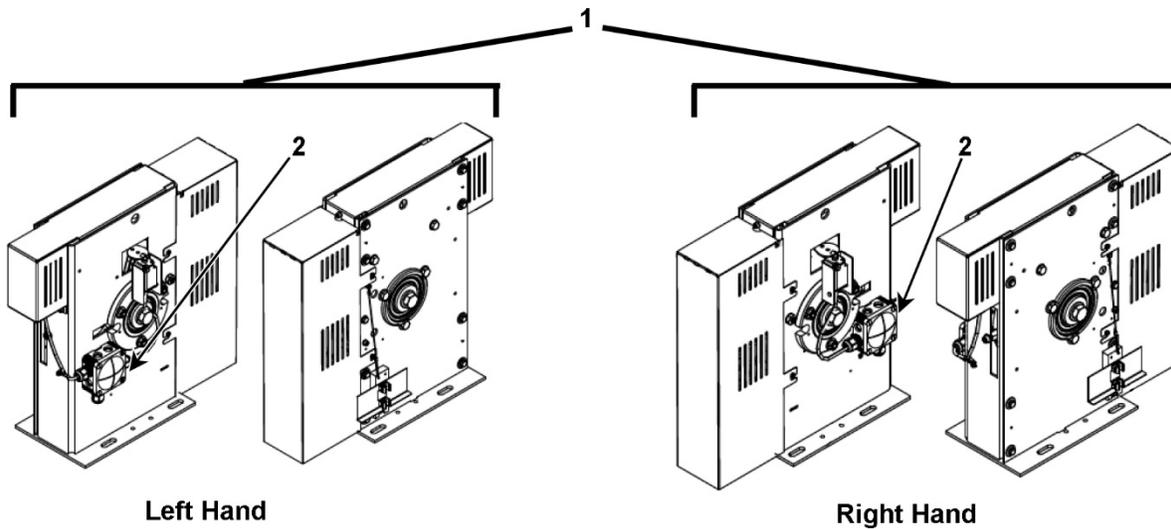
The governor utilizes the HPRES encoder. The encoder is ordered separately.

Governor Specifications:

Speed Range	1000–16000 fpm
Max Rise	1312 ft.
Pull Through Force	650 lb.
Max Safety Release Carrier Force	390 lb. (60% of safety release carrier PTF per ASME A17.1 B44 harmonized code)
Sheave Rope Pitch Diameter	12 in.
Governor Rope Diameter	3/8 in.
Governor Rope Construction	3/8 in. dia., 8x19, regular lay, sisal core, traction grade 1370/1770
Governor Rope Part Number	AAA712Q112
	Live Shaft with Encoder For Car Governors
Hand	Left, Right
Code	ASME A17.1 B44 compliant

Governor

15-AAA20620A



REF. No.	VINTAGE					
	PART No.	DESCRIPTION	APPLICATION	SPEED	HAND	ENCODER INCLUDED
1	AAA20620A817-2	OL 100 Governor	Car	1000	Left	Yes
	AAA20620A818-2	OL 100 Governor	Car	1200	Left	Yes
	AAA20620A819-2	OL 100 Governor	Car	1400	Left	Yes
	AAA20620A820-2	OL 100 Governor	Car	1600	Left	Yes
	AAA20620A757-2	OL 100 Governor	Car	1000	Right	Yes
	AAA20620A758-2	OL 100 Governor	Car	1200	Right	Yes
	AAA20620A759-2	OL 100 Governor	Car	1400	Right	Yes
	AAA20620A760-2	OL 100 Governor	Car	1600	Right	Yes
	AAA20620A781	OL 100 Governor	CWT	1000	Left	No
	AAA20620A782	OL 100 Governor	CWT	1200	Left	No
	AAA20620A783	OL 100 Governor	CWT	1400	Left	No
	AAA20620A784	OL 100 Governor	CWT	1600	Left	No
	AAA20620A721	OL 100 Governor	CWT	1000	Right	No
	AAA20620A722	OL 100 Governor	CWT	1200	Right	No
	AAA20620A723	OL 100 Governor	CWT	1400	Right	No
	AAA20620A724	OL 100 Governor	CWT	1600	Right	No
2	KAA633AAB2	HPRES Encoder (5 pin)	CAR	---	---	---

NOTE: Part numbers with -2 designation include the KAA633AAB2 encoder and mounting sundries.