

**MINISTÉRIO DA AERONÁUTICA**  
**DEPARTAMENTO DE PESQUISAS E DESENVOLVIMENTO**  
**CENTRO TÉCNICO AEROESPACIAL**

**TYPE CERTIFICATE DATA SHEET Nº EH-8902**

Type Certificate Holder

WYTWÓRNIA SPRZETU KOMUNIKACYJNEGO  
 "PZL-WARSZAWA" - OKECIE  
 Aleja Krakowska 110/114  
 00-983 WARSZAWA - POLAND

EH-8902
"PZL-WARSZAWA"
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AW-2 AW-2-30
OCTOBER 1989

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Propeller models described herein conforming with this data sheet (which is part of Type Certificate nº 8902) meet the minimum standards for use in certificated aircraft in accordance with pertinent aircraft data sheets and applicable portions of the Brazilian Requirements for Aeronautical Certification - RBHA - provided they are installed, operated, and maintained as prescribed by the approved manufactures's manuals and other approved instructions.

	AW-2	AW-2-30
- TYPE	Hydraulic constant speed double acting.	- -
- ENGINE SHAFT	16 straight splines with O.D.= 96,62 mm I.D.= 86,00 mm	- -
- HUB MATERIAL	Steel alloy	- -
- BLADE MATERIAL	Alluminum alloy	- -
- NUMBER OF BLADES	Four	- -

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	<u>AW-2</u>		<u>AW-2-30</u>	
- <b>BLADE DESIGN ELIGIBLE</b>	0389-01		SP00.000.00	

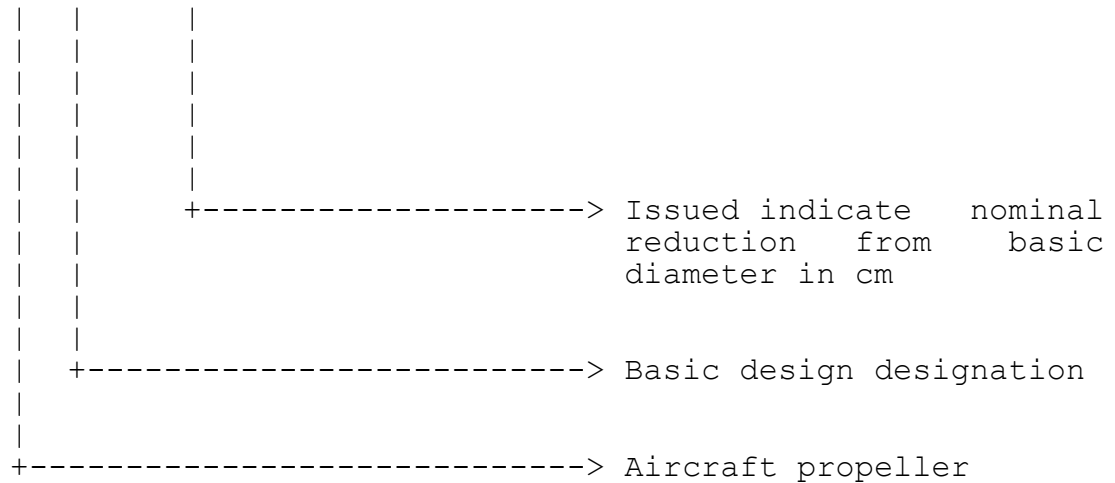
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BLADE	MAXIMUM CONTINUOUS		Takeoff		Nominal	MAXIMUM
ELIGIBLE	kW(HP)	Rad/s (rpm)	kw(hp)	Rad/s (rpm)	Diameter-m	WEIGHT
						kgf (lbf)
+-----+						
2-040	605 (451.3)	220 (2100)	1340 (1000)	230 (2200)	3.6	189 (416)
+-----+						
SP00.000.00	605 (451.3)	220 (2100)	1340 (1000)	230 (2200)	3.3	187 (412)
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- **CERTIFICATION BASIS**                                  Certified according to RBHA 21.29 and RBHA 35 equivalent to FAR PART 35 effective FEB 1, 1977 with Amendments 33-1 through 33-6 thereto.
- **TYPE CERTIFICATION APPLICATION DATE**                                  April 2, 1987.
- **CERTIFICATION ISSUANCE DATE**                                  Type Certificate for Import n<sup>o</sup> 8902 issued on October 10, 1989.
- **IMPORT REQUIREMENTS**                                  Each propeller imported separately and/or spare parts must be accompanied by an Airworthiness Certificate for Export and/or an Airworthiness Approval Tag respectively, issued by the CACA - Central Administration of Civil Aviation - attesting that the particular propeller and/or parts were submitted to the governmental quality control before delivery and are in conformity with the CTA approved type design.
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- **NOTE 1** : Hub and Propeller Model Designation.

PZL propeller hubs are identified by a serialized part number only.  
The model designation of a complete PZL propeller assembly consists of the basic model designation with suffix numbers as shown below:

AW-2 - X X  
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- **NOTE 2** : Blade Model Designation

PZL propeller blades are identified by a serialized part number only.

- **NOTE 3**: Pitch Control

Eligible with PZL Governor R9SM2 only.

- **NOTE 4** : (a) Feathering - Not applicable.
- (b) Reversing - Not applicable.

- **NOTE 5** : Left-Hand Models - Not applicable. These propeller are designed and manufactured for right hand tractor only.

- **NOTE 6** : Interchangeable Blades

Not applicable

- **NOTE 7** : Accessories.

(a) Propeller Spinner - Not applicable.

(b) Propeller Deicing - Not applicable.

- **NOTE 8** : Cuffs

Not applicable.

- **NOTE 9** : Approved Installation

<b>PROPELLER MODEL</b>	<b>AIRCRAFT MODEL</b>	<b>ENGINE MODEL</b>
AW-2	AN-2	ASZ-62IR
AW-2-30	M.18-DROMADER	ASZ-62IR-M18
AW-2	M.18-DROMADER	ASZ-62IR-M18

- **NOTE 10**: - - means, "same as preceding model".

ALBERTO DE ALMEIDA NETO - Maj Av  
Chefe da Divisão de Homologação Aeronáutica

Brig do Ar - SERGIO XAVIER FEROLLA  
Diretor Interino do CTA

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