



Compresor I.O.D.M. 115-4R / 115-4RE Catálogo de repuestos

Compressor I.O.D.M. 115-4R / 115-4RE Spare parts catalog

C.L.A.	G.A.G.	6654	11-07-06	MAIQUES	G.A.G.	005	10/05/10	RCMP004
REALIZÓ <i>REALIZED</i>	APROBÓ <i>APPROVED</i>	INFORME <i>LEVEL</i>	FECHA <i>DATE</i>	REVISÓ <i>REVISED</i>	APROBÓ <i>APPROVED</i>	INFORME <i>LEVEL</i>	FECHA <i>DATE</i>	CÓDIGO <i>CODE</i>

“Los datos, diseños, dibujos y/o esquemas incluidos en el presente catálogo son a modo de referencia. Los mismos pueden variar según versiones y actualizaciones de los equipos y pueden no ser exactos.

El fabricante se reserva el derecho a modificar los presentes datos, diseños, dibujos y/o esquemas en cualquier momento y sin previo aviso”

“Data Design and drawings included in present catalog are as reference. It would be change partially or totally according update of equipments and should not be accurate.

Manufacturer reserves right to modify mentioned data designs and drawings anytime without previous advice.”

"La presente información, incluyendo la contenida en sus archivos anexos, tiene carácter confidencial y puede hallarse protegida por derechos de la propiedad industrial y/o de la propiedad intelectual, incluyendo patentes, modelos de utilidad y diseños industriales. La misma no podrá ser divulgada por ningún medio, copiada y/o utilizada

con fines comerciales. El receptor limitará su utilización a lo expresamente autorizado por escrito por DELTA COMPRESIÓN SRL. La violación a la mencionada prohibición podrá ser pasible de las sanciones y penas previstas en la legislación argentina y/o tratados internacionales y facultará a Delta Compresión SRL a reclamar por los

daños y perjuicios ocasionados."

The information contained herein, including the information contained in any attachment hereto, is confidential and may be protected by Industrial and/or Intellectual Property rights, including but not limited to invention patents, usage patterns and industrial designs. This information shall not be disclosed in any way, copied and/or used for

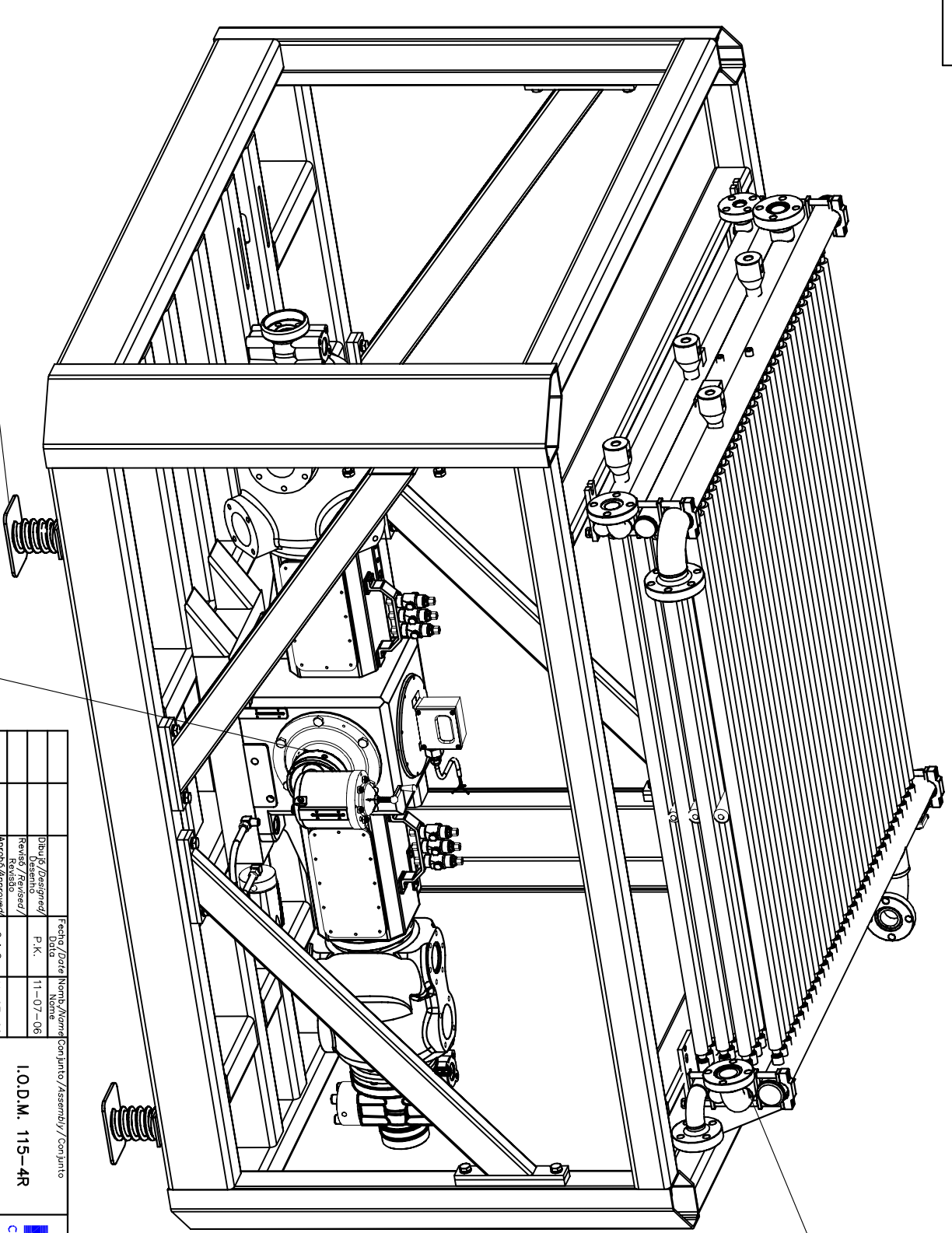
commercial purposes, and the recipient shall use it only as per the written authorization issued by Delta Compresión S.R.L. Any violation to the prohibition contained herein may be punished as per the laws of the Argentine Republic and/or international treaties, and shall entitle Delta Compresión S.R.L. to claim for the damages suffered.

I.O.D.M. 115-4R/ 115-4RE COMPRESSOR

CONTENTS

01. SKID, CRANKSYSTEM AND COOLERS ASSEMBLY.
– PARTS LIST.
02. COMPRESSOR HEAD ASSEMBLY.
– PARTS LIST
03. CROSSHEAD CONNECTING ROD ASSEMBLY.
– PARTS LIST.
04. CRANKSHAFT ASSEMBLY.
– PARTS LIST.
05. 1st STAGE CYLINDER ASSEMBLY.
– PARTS LIST.
06. 1st STAGE PISTON AND ROD ASSEMBLY.
– PARTS LIST.
07. 2nd STAGE CYLINDER ASSEMBLY.
– PARTS LIST.
08. 2nd & LAST STAGE PISTON AND ROD ASSEMBLY.
– PARTS LIST.
09. 3rd STAGE CYLINDER ASSEMBLY
– PARTS LIST.
10. LAST STAGE CYLINDER ASSEMBLY
– PARTS LIST.
11. SEALING PACKAGE ASSEMBLY.
– PARTS LIST.

12. GEAR PUMP ASSEMBLY.
 - PARTS LIST.
13. OIL CAM PUMP ASSEMBLY.
 - PARTS LIST.
14. PUMPING ELEMENTS SUBASSY.
 - PARTS LIST.
15. POWER SHAFT+CENTRAL SHAFT SUBASSY (OIL CAM PUMP).
 - PARTS LIST.
16. OIL SIGHT GLASS ASSEMBLY.
 - PARTS LIST.
17. TRANSMISSION ASSEMBLY.
 - PARTS LIST.
18. FAN COOLER SYSTEM.
 - PARTS LIST.
19. COOLER SYSTEM.
 - PARTS LIST.
20. INLET GAS ASSEMBLY.
 - PARTS LIST.
21. KNOCK DOWN TANK ASSEMBLY.
 - PARTS LIST.
22. 3rd STAGE CONDENSER ASSEMBLY.
 - PARTS LIST.
23. LAST STAGE CONDENSER ASSEMBLY.
 - PARTS LIST.
24. INSTRUMENTS PANEL.
 - PARTS LIST.
25. O’RING AND COPPER WASHER LIST



Fecha/Diary Number 11-07-06		Nombre/Name I.O.D.M. 115-4R		DELTA COMPRESION S.R.L.	Aspro COMPRESSOR
P.K. 11-07-06		Conjunto/Assembly/Conjunto			
G.A.G. 11-07-06		Denominacion/TiTe/Denominacao			
Diseñador/Designer/ Desenhista S/E		Revisor/Revised/ Revisor/Revised/ Aprovado/Approved		Escala/Scale/ Escala	
Fecha/Diary Number 11-07-06		Nivel/Level 6654		Hoja/Sheet/Folho 17030	

**CONJUNTO CHASIS,
 MANOVELISMO-ENFRIADOR
 AND CRANKSYSTEM
 AND COLLERS ASSEMBLY**





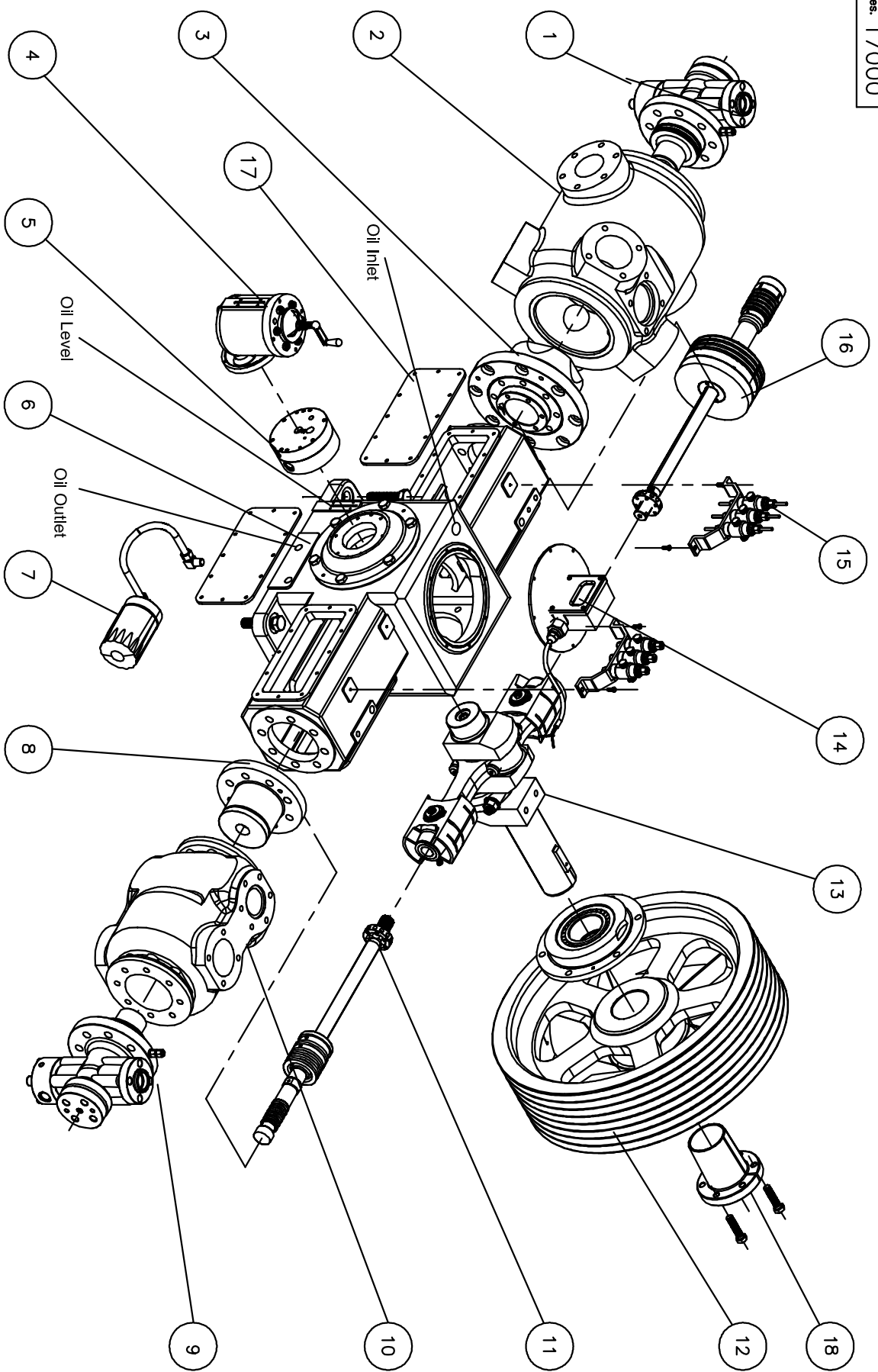
Pl./Dwg./Des. 17030
 Hoja/Sheet/Folho



Plano: 17030

3	21769	DAMPER	4		
2	29040	AIR COOLER ASSEMBLY	1		
1	17000	COMPRESOR HEAD ASSEMBLY	1		
POS.	CODE	NAME	QTY	NEW CODE	

PART LIST

			Fecha	Nomb.	Conjunto	 
		Dibujó	P.K.	11-07-06	I.O.D.M. 115-4R	
		Revisó				
		Aprobó	G.A.G.	11-07-06		
		Escala	Denominación			COMPRESOR
		S/E	<p style="text-align: center;">COMPRESSOR ASSEMBLY</p>			Plano: 17030
11-07-06	6654					
Fecha	Nivel					Hoja:





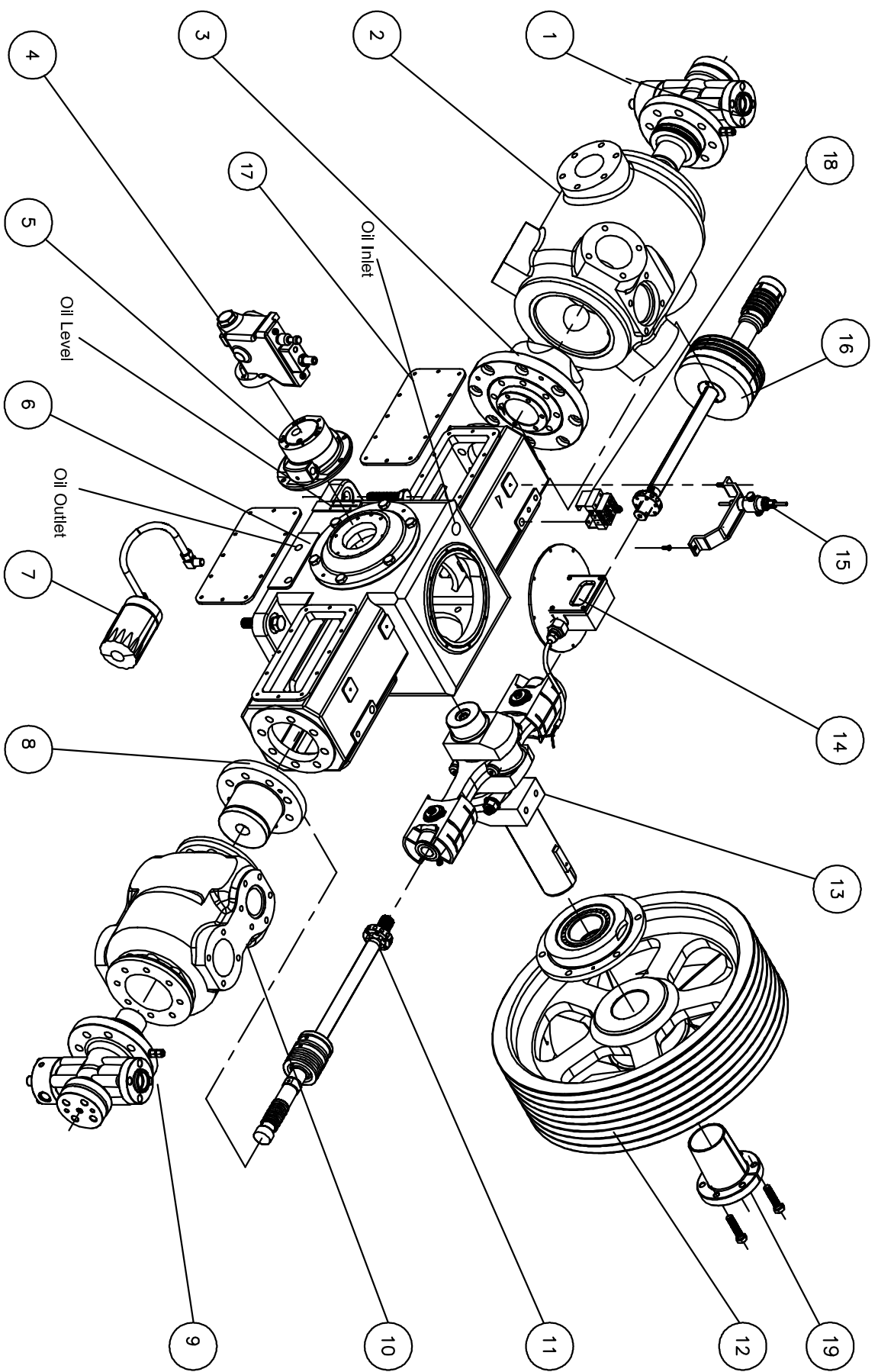
Fecha / Date		Nombre / Name		Conjunto / Assembly	
11-07-08		6654		I.O.D.M. 115-4R	
Fecha / Date		Nivel / Level			
11-07-08		6654			
Dibujo / Drawing		P.K.		11-07-08	
Revisión / Revision		SCAL TRITTI		14/04/08	
Aprobación / Approval		G.A.G.		14/04/08	
Escriba / Write		Domenico / Domenico		/ Tito / Domenico	
S/E					
CONJUNTO MANOVELLISMO COMPRESOR HEAD ASSEMBLY					
 COMPRESOR S.R.L.		 COMPRESOR COMPRESOR			
Pl./Dwg./Des. 17000		Hoja / Sheet / Folha			

Dwg: 17000

18	3054	Pulley cone	1		
17	15023	Service openings	2		
	15023-1	Service openings with logo.	2		
16	85036-1	1° & 3° stagePiston assembly	1		
15	0400	oil viewer assembly	6		
14	20086	Vivration sensor	1		
13	85024	Crankshaft Assy	1		
12	15374-1	Flyweel	1		
11	85032-1	2° & 4° stage Piston assembly	1		
10	85041	2°nd Stage cylinder assembly	1		
9	85037	Last stage cylinder assembly	1		
8	17050	2°nd Stage close gasket assembly	1		
7	20118	filter	1		
6	15002	Frame	1		
5	15502	Gear pump assembly	1		
4	15141-6	Cam pump assembly	1	97300	
3	15521	close gasket assembly	1		
2	85043	1°st Stage cylinder assembly	1		
1	85038-1	3°rd Stage cylinder assembly	1		
Item	Code (actual)	Designation	QTY	Code (new)	Observaciones

Part List

			Date	Name	Assembly	 
		Designed	-	04/04/03	I.O.D.M. 115-4R	
		Revised	SCALTRITTI	14/04/08		
		Approved	GAG	14/04/08		
		Scale	Title		<p>COMPRESSOR</p> <p>Dwg: 17000</p> <p>Sheet:</p>	
		S/E	<p>COMPRESSOR HEAD ASSEMBLY</p>			
11-07-06	6654					
Date	Level					



Fecha / Date		Núm. / No.		Conj. / Assembly	
11-07-08		6654		I.O.D.M. 115-4R	
Dibujo / Drawing		P.K.		11-07-08	
Revisión / Revision		SCAL TRITTI		14/04/08	
Aprob. / Approved		G.A.G.		14/04/08	
Escriba / Scale		Densidad / Density		14/04/08	
S/E		Densidad / Density		14/04/08	
Fecha / Date		Núm. / No.		Conj. / Assembly	
11-07-08		6654		I.O.D.M. 115-4R	
Dibujo / Drawing		P.K.		11-07-08	
Revisión / Revision		SCAL TRITTI		14/04/08	
Aprob. / Approved		G.A.G.		14/04/08	
Escriba / Scale		Densidad / Density		14/04/08	
S/E		Densidad / Density		14/04/08	
Fecha / Date		Núm. / No.		Conj. / Assembly	
11-07-08		6654		I.O.D.M. 115-4R	

CONJUNTO
MANOVELLISMO
COMPRESSOR HEAD
ASSEMBLY

DELTA
COMPRESSORS S.R.L.



Aspro
S.p.A.

COMPRESSOR
COMPRESSOR

Hoja / Sheet / Folha



19	3054	Pulley cone	1		
18	-	Oil distributor	1		See RC-2900; RC-2931; PL-97321.
17	15023	Service openings	2		
	15023-1	Service openings with logo.	2		
16	85036-1	1° & 3° stagePiston assembly	1		
15	0400	oil viewer assembly	1		
14	20086	Vivration sensor	1		
13	85024	Crankshaft Assy	1		
12	15374-1	Flyweel	1		
11	85032-1	2° & 4° stage Piston assembly	1		
10	85041	2°nd Stage cylinder assembly	1		
9	85037	Last stage cylinder assembly	1		
8	17050	2°nd Stage close gasket assembly	1		
7	20118	filter	1		
6	15002	Frame	1		
5	91168-1	Gear pump assembly	1		
4	97300	Cam pump assembly	1		
3	15521	close gasket assembly	1		
2	85043	1°st Stage cylinder assembly	1		
1	85038-1	3°rd Stage cylinder assembly	1		
Item	Code (actual)	Designation	QTY	Code (new)	Observaciones

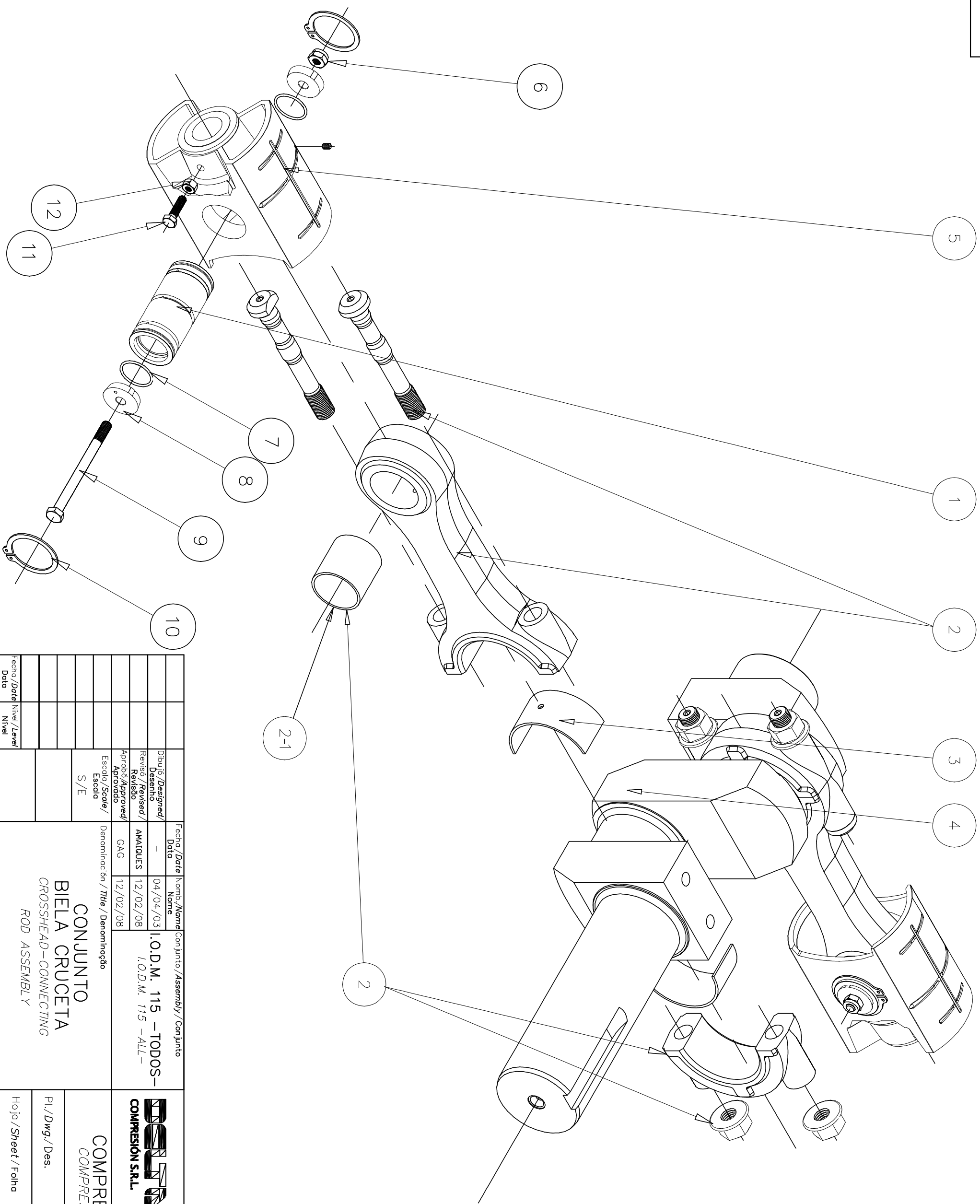
Part List



			Date	Name	Assembly	 
		Designed	-	04/04/03	I.O.D.M. 115-4R	
		Revised	SCALTRITTI	14/04/08		
		Approved	GAG	14/04/08		
		Scale	Title		COMPRESSOR HEAD ASSEMBLY	COMPRESSOR
		S/E				
11-07-06	6654					
Date	Level				Sheet:	

19	3054	Pulley cone	1		
18	-	Oil distributor	1		See RC-2900; RC-2931; PL-97321.
17	15023	Service openings	2		
	15023-1	Service openings with logo.	2		
16	85036-2	1° & 3° stagePiston assembly	1		
15	0400	oil viewer assembly	1		
14	20086	Vivration sensor	1		
13	85024	Crankshaft Assy	1		
12	15374-1	Flyweel	1		
11	85032-1	2° & 4° stage Piston assembly	1		
10	85041	2°nd Stage cylinder assembly	1		
9	85037	Last stage cylinder assembly	1		
8	17050	2°nd Stage close gasket assembly	1		
7	20118	filter	1		
6	15002	Frame	1		
5	91168-1	Gear pump assembly	1		
4	97300	Cam pump assembly	1		
3	15521	close gasket assembly	1		
2	85043-2	1°st Stage cylinder assembly	1		
1	85038-1	3°rd Stage cylinder assembly	1		
Item	Code (actual)	Designation	QTY	Code (new)	Observaciones

Part List

			Date	Name	Assembly I.O.D.M. 115-4RE	 
		Designed				
		Revised				
		Approved				
		Scale S/E	Title COMPRESSOR HEAD ASSEMBLY			COMPRESSOR
Date	Level					Sheet:





Fecha / Date	Nivel / Level	Dibujó / Designed / Diseño	Fecha / Date	Nombre / Name	Conjunto / Assembly / Conjunto	Logo
		Revisó / Revised / Revisó	04/04/03	-	I.O.D.M. 115 - TODOS-	 
		Aprobó / Approved / Aprobado	12/02/08	AMAIQUES	I.O.D.M. 115 - ALL-	
		Escala / Scale / Escala	12/02/08	GAG		
		S/E				COMPRESOR COMPRESSOR
Denominación / Title / Denominación CONJUNTO BIELA CRUCETA CROSSHEAD-CONNECTING ROD ASSEMBLY						Pl./Dwg./ Des.
Fecha / Date Data						Hoja / Sheet / Folha

Dwg:

12	20285	Nut	1		
11	21035	Screw	1		
10	20927	Ring	2		
9	22920	Screw	2		
8	15024-1	Conical Stopper	2		
7	22059	O-Ring	2		
6	22921	Nut	2		
5	15042	Crosshead	2		
4	15018	Crankshaft	1		
3	15133-7	White Metal Bearing	2		
2-1	22094	Busching of conecting rod	2		
2	15593	Connecting Rod	2		
1	15024	Connecting Rod-Crosshead Pin	2		
Item	Code(Actual)	Designation	QTY	Code (New)	Remarks



Part List

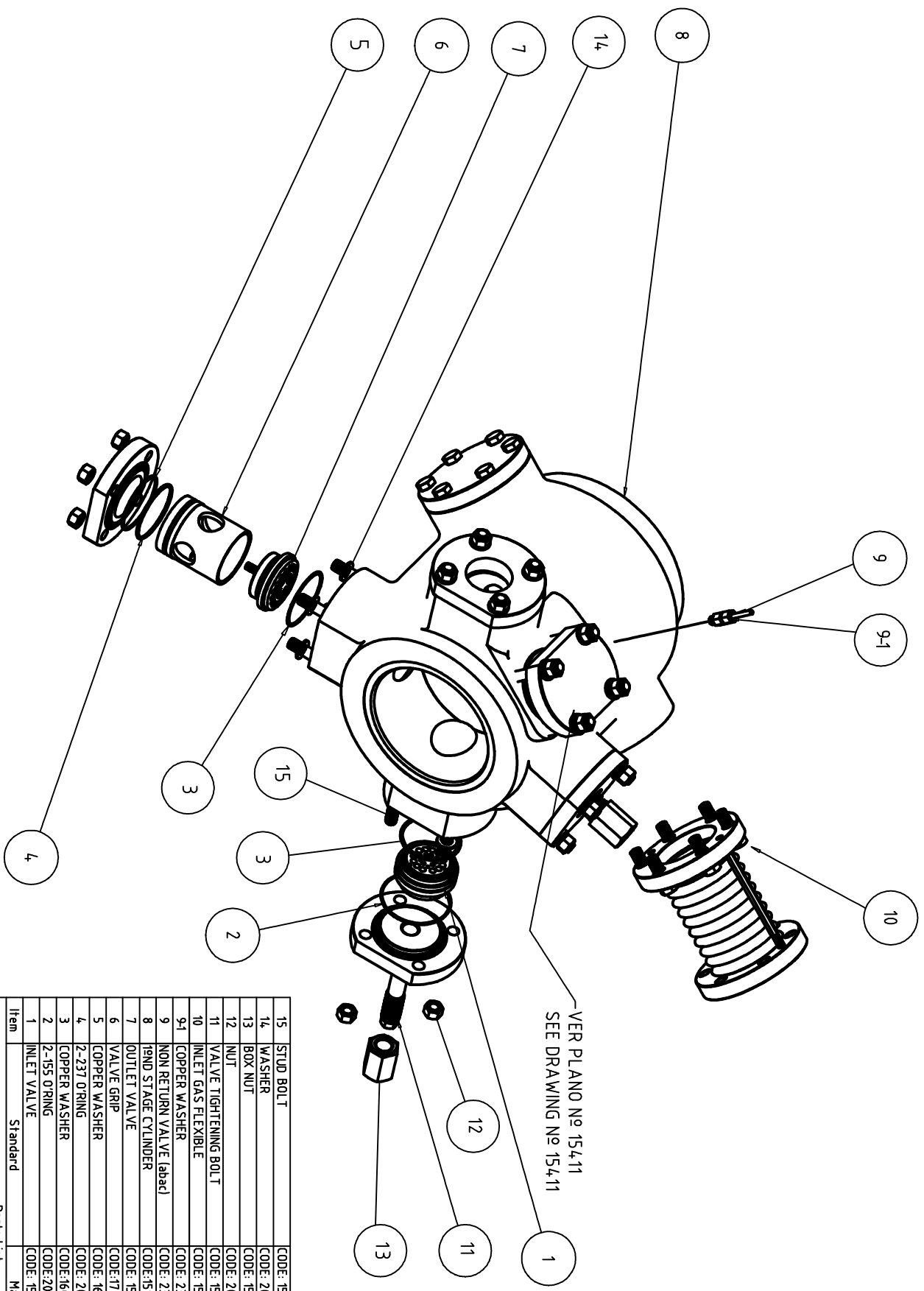
			Date	Name	Assembly	 	
		Designed	-	04/04/03	<p>I.O.D.M. 115 - ALL -</p>		
		Revised	AMAIQUES	12/02/08			
		Approved	GAG	12/02/08			
		Scale	Title			COMPRESSOR	
		S/E	<p>CROSSHEAD CONNECTING ROD ASSEMBLY</p>			Dwg:	
							Sheet:
Date	Level						

19	20350	Safety Washer M16	6		
18	15013	Pump Side Bearing Cover	1		
17	20200	Bearing Pump Side	1		
16	20225	Allen Screw M6x1xL=15mm.	1		
15	15021	Crankshaft Coupling	1		
14	15194	Counter Weight Bolt	4		
13	17148	Counter Weight	2		
12	15018	Crankshaft	1		
11	15366	Washer	2		
10	21496	Bearing Flywheel Side	1		
9	15016	Axial Clearance Regulator Ring	1		
8	15014	Flywheel Side Bearing Cover	1		
7	15015	Deflector Ring	1		
6	22057	O'Ring 2-043 Deflector Ring	1		
5	20196	Seal	1		
4	20181	Set Stud M8x1,25 L:10mm	6		
3	15017	Seal Cover	1		
2	20234	Screw M5x0,75 x L= 15 mm	4		
1	15031-1	Bearing Cover Bolt	12		

Item	Code(actual)	Designation	QTY	Code (new)	Remarks
------	--------------	-------------	-----	------------	---------

Part List

			Date	Name	Assembly I.O.D.M. 115 - ALL -	 
		Designed	-	04/04/03		
		Revised	J.H.D.	02/04/04		
		Approved	G.A.G.	02/04/04		
		Scale	Title			COMPRESSOR Dwg: Sheet: <i>2/2</i>
		S/E	CRANKSHAFT ASSEMBLY			
02/04/02	5207					
Date	Level					

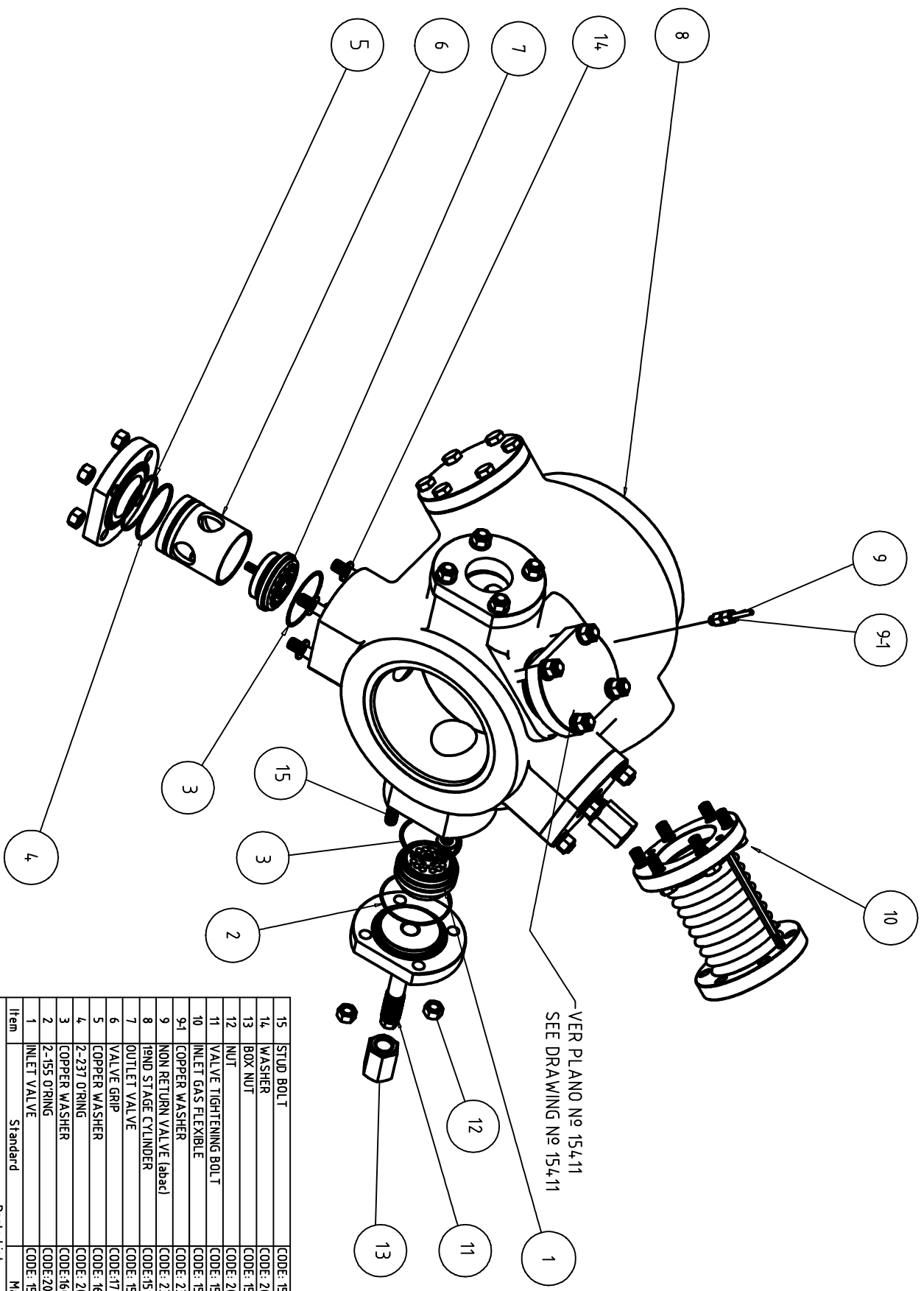


VER PLANO Nº 154.11
SEE DRAWING Nº 154.11

Item	Material	Qty	Vendor
15	STUD BOLT	12	
14	WASHER	24	
13	BOX NUT	2	
12	NUT	16	
11	VALVE TIGHTENING BOLT	1	
10	INLET GAS FLEXIBLE	1	
9-1	COPPER WASHER	1	
9	NON RETURN VALVE (abac)	1	
8	19ND STAGE CYLINDER	1	
7	OUTLET VALVE	2	
6	VALVE GRIP	2	
5	COPPER WASHER	2	
4	2-237 O-RING	2	
3	COPPER WASHER	4	
2	2-155 O-RING	2	
1	INLET VALVE	2	

Parts List

1* ST STAGE CYLINDER ASSEMBLY 85043		115-4R I.O.D.M.	
Standard		Vendor	

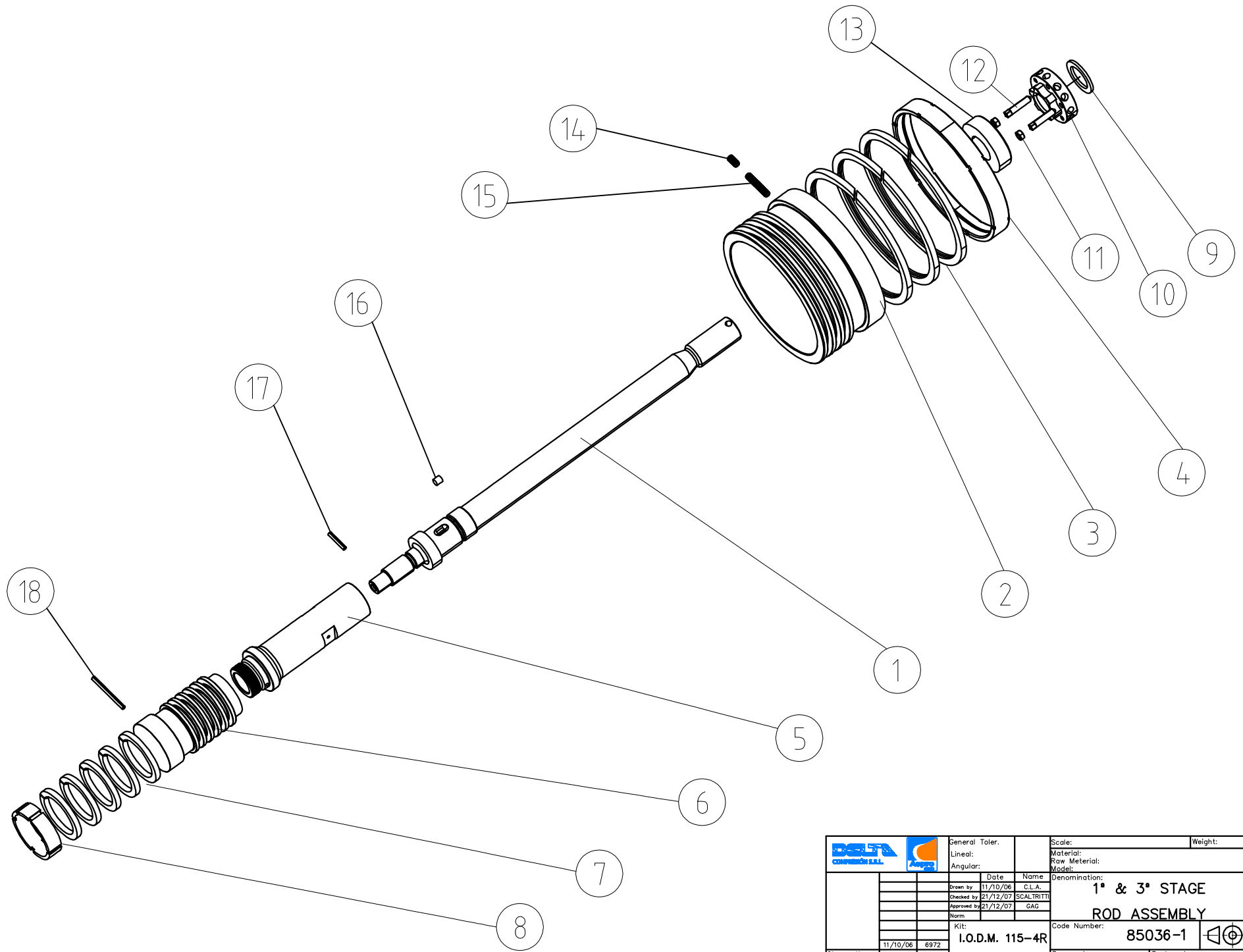


VER PLANO Nº 154.11
SEE DRAWING Nº 154.11

Item	Material	Qty	Vendor
15	STUD BOLT	12	
14	WASHER	24	
13	BOX NUT	2	
12	NUT	16	
11	VALVE TIGHTENING BOLT	1	
10	INLET GAS FLEXIBLE	1	
9-1	COPPER WASHER	1	
9	NON RETURN VALVE (abac)	1	
8	19ND STAGE CYLINDER	1	
7	OUTLET VALVE	2	
6	VALVE GRIP	2	
5	COPPER WASHER	2	
4	2-237 O-RING	2	
3	COPPER WASHER	4	
2	2-155 O-RING	2	
1	INLET VALVE	2	

Parts List

		1*ST STAGE CYLINDER ASSEMBLY 85043-2
115-4RE I.O.D.M.	115-4RE	





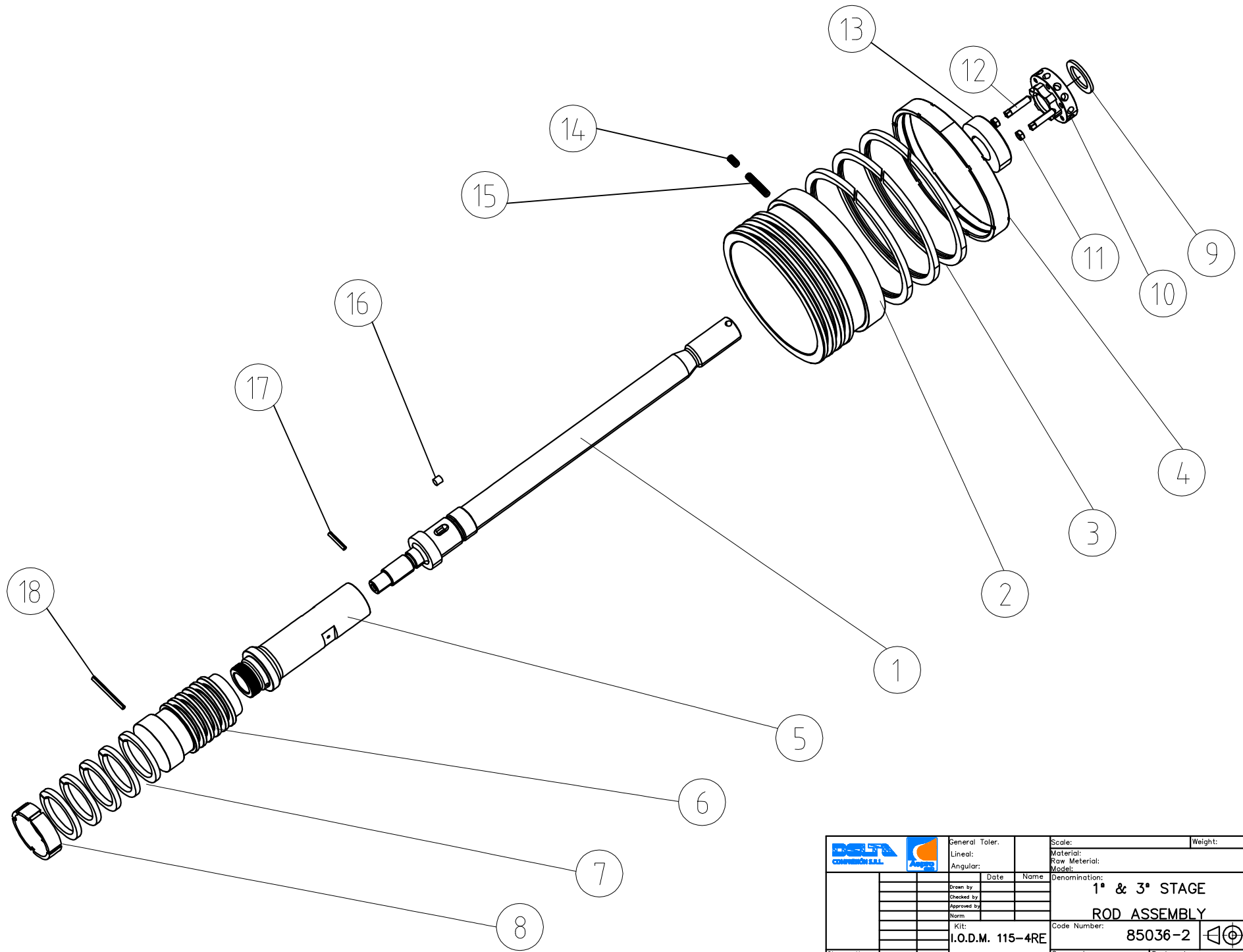
				General Toler.: Linear: Angular:	Scale: Material: Raw Material: Model:	Weight:
Drawn by: 11/10/06 Checked by: 21/12/07 Approved by: 21/12/07 Norm:	Date: 11/10/06 21/12/07 21/12/07	Name: C.L.A. SCALTRITTI GAG	Denomination: 1° & 3° STAGE ROD ASSEMBLY			
Kit: I.O.D.M. 115-4R			Code Number: 85036-1			
Observations	Date: 11/10/06	Level: 6972	Supersedes:		Replace by:	

Dwg: 85036-1

18	20491	Elastic Pin	1		✓
17	20113	Elastic Pin	1		✓
16	20488	Pin	1		✓
15	20182	Allen Screw	1		✓
14	22135	Allen Screw	1		✓
13	15052	Cross Head-Rod Blockade nut	1		
12	20184	Screw	2		
11	20285	Nut	2		
10	15065	Nut	1		
9	20641	Pressure washer	1		
8	15073	3rd Stage Guide Bush	1	✓	
7	15059-3	3rd Stage Piston Rings	5	✓	
6	17053	3rd Stage Piston	1		✓
5	17052	3rd Stage Piston Rod	1		✓
4	17006	1st Stage Guide Bush	1	✓	
3	17005	1st Stage Piston Rings	3	✓	
2	17018	1st Stage Piston	1		✓
1	15039	Rod	1		✓
Item	Code(actual)	Designation	QTY	Kit 1	Kit 2



Part List

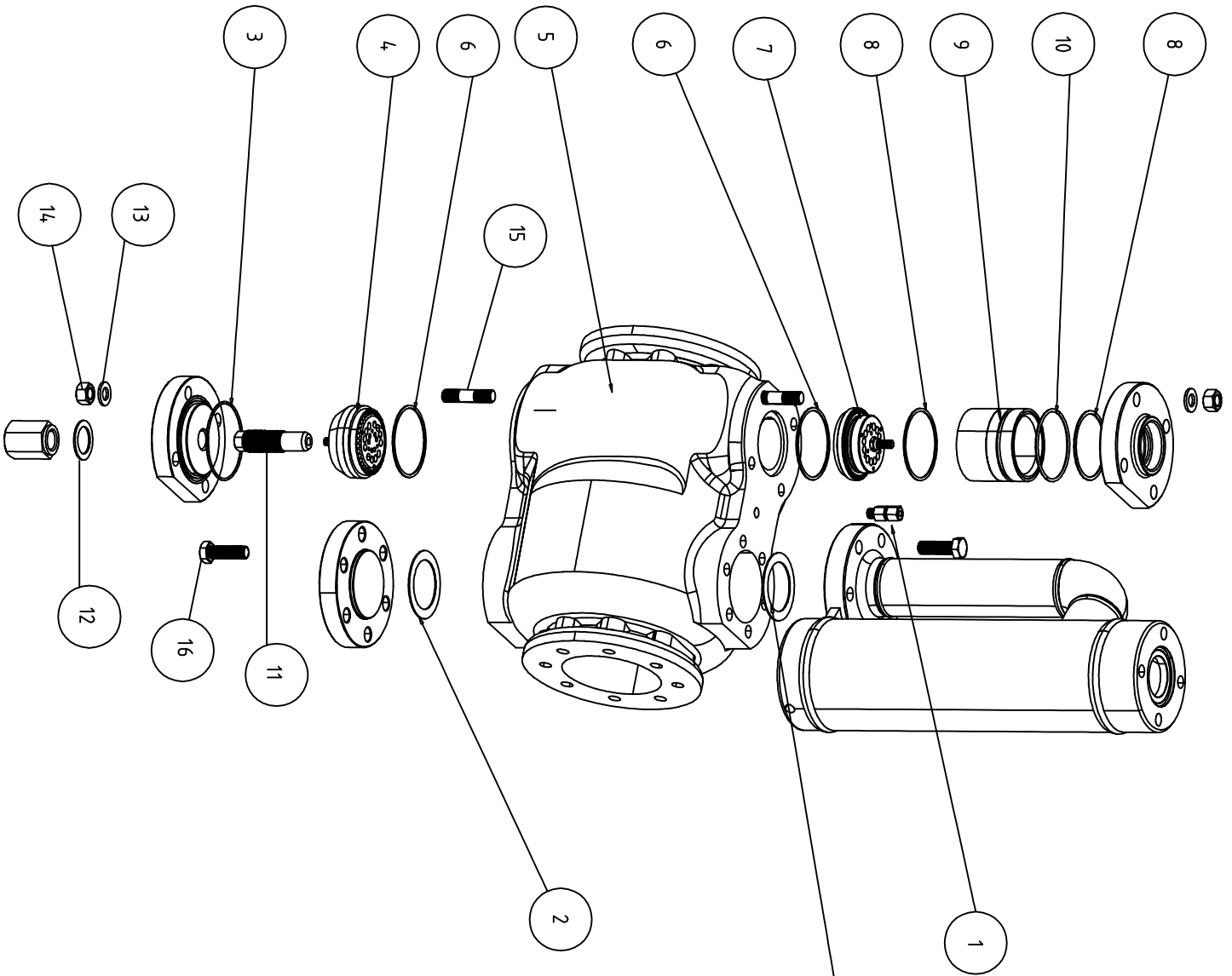
			Date	Name	I.O.D.M. 115-4R	 
		Designed				
		Revised				
		Approved				
		Scale	Title 1º & 3º STAGE ROD ASSEMBLY			COMPRESSOR
		S/E				
11/10/06	6972					
Date	Level					
						Dwg: 85036-1
						Sheet:



				General Toler.: Lineal: Angular:	Date: _____ Name: _____	Scale: Material: Raw Material: Model:	Weight: _____
		Drawn by: _____ Checked by: _____ Approved by: _____ Norm: _____		Denomination: 1° & 3° STAGE ROD ASSEMBLY		Code Number: 85036-2	
Kit: I.O.D.M. 115-4RE		Supersedes: _____		Replace by: _____			
Observations	Date	Level					

18	20491	Elastic Pin	1		✓
17	20113	Elastic Pin	1		✓
16	20488	Pin	1		✓
15	20182	Allen Screw	1		✓
14	22135	Allen Screw	1		✓
13	15052	Cross Head-Rod Blockade nut	1		
12	20184	Screw	2		
11	20285	Nut	2		
10	15065	Nut	1		
9	20641	Pressure washer	1		
8	15073	3rd Stage Guide Bush	1	✓	
7	15059-3	3rd Stage Piston Rings	5	✓	
6	17053	3rd Stage Piston	1		✓
5	17052	3rd Stage Piston Rod	1		✓
4	17017	1st Stage Guide Bush	1	✓	
3	17048	1st Stage Piston Rings	3	✓	
2	17023	1st Stage Piston	1		✓
1	15039	Rod	1		✓
Item	Code(actual)	Designation	QTY	Kit 1	Kit 2

Part List					
		Date	Name	Assembly	
	Designed			I.O.D.M. 115-4RE	 
	Revised				
	Approved				
	Scale	Title		COMPRESSOR	Dwg: 85036-2
	S/E	1 ^o &3 ^o STAGE ROD ASSEMBLY			
Date	Level			Sheet:	



Item	Standard	Material	Qty	Vendor
16	SCREW/		6	
15	STUD BOLT	CODE:20254	4	
14	NUT	CODE:15028-1	1	
13	COOPER WASHER	CODE:20279	1	
12	COOPER WASHER	CODE:21308	1	
11	COOPER WASHER	CODE:16047-15	2	
10	BOLT	CODE:15116	1	
9	O-RING 2-237	CODE:20149	1	
8	VALVE GRIP	CODE:15162	1	
7	COOPER WASHER	CODE:16047-8	2	
6	OUTLET VALVE	CODE:15107	1	
5	2nd STAGE CYLINDER	CODE:16047-7	2	
4	INLET VALVE	CODE:17002	1	
3	O-RING 2-154	CODE:15020	1	
2	COOPER WASHER	CODE:20155	1	
1	NON RETURN VALVE	CODE:16047-1	2	
		0206 (ASPRO)	1	
		23539(A8AC)	1	

Parts List

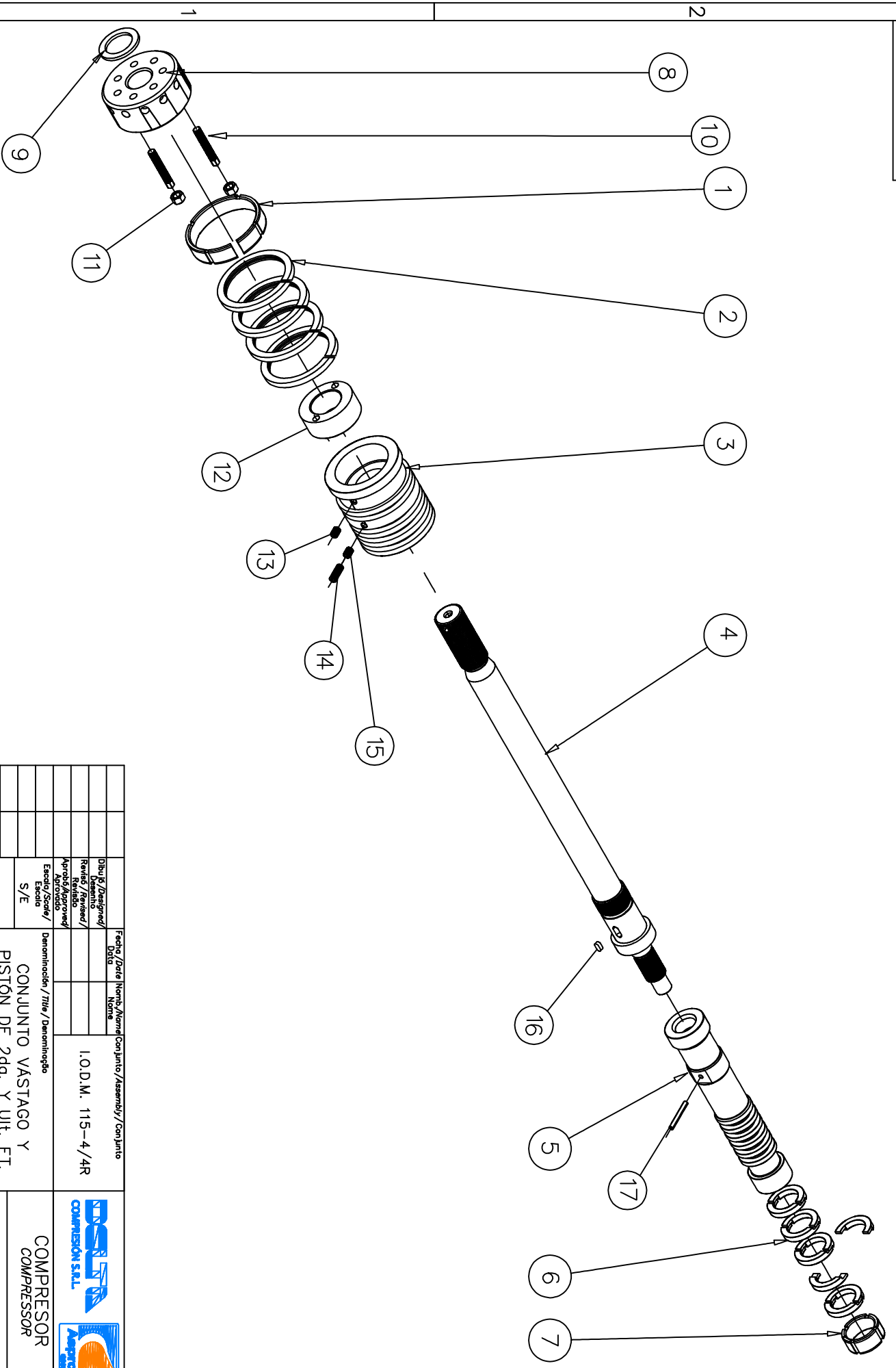
		Part No: 85041 Rev: 01 Date: 11-07-08 By: P.K. Checked: 11/13/07 Approved: 11/13/07 Scale: 040	Part No: 85041 Rev: 01 Date: 11-07-08 By: P.K. Checked: 11/13/07 Approved: 11/13/07 Scale: 040	Part No: 85041 Rev: 01 Date: 11-07-08 By: P.K. Checked: 11/13/07 Approved: 11/13/07 Scale: 040
2ND STAGE CYLINDER ASSEMBLY 85041				

D

C

B

A





Fecha / Date	Hoja / Sheet	Nivel / Level	Dibujo / Design / Diseño	Fecha / Date	Hoja / Sheet	Nivel / Level	Revisión / Revision / Revisão	Fecha / Date	Hoja / Sheet	Nivel / Level	Revisión / Revision / Revisão	Fecha / Date	Hoja / Sheet	Nivel / Level	Revisión / Revision / Revisão	Fecha / Date	Hoja / Sheet	Nivel / Level	Revisión / Revision / Revisão
			Fecha / Date			Nombre / Name			Conjunto / Assembly			Conjunto							
			I.O.D.M.			115-4/4R													
			Denominación / Title / Denominación			CONJUNTO VÁSTAGO Y			PISTÓN DE 2da. Y Ult. ET.			Znd. & Last STAGE ROD							
			ASSEMBLY																
			Hoja / Sheet / Folha			Pl./Dwg./Des.			85032-1			COMPRESOR							
			COMPRESOR			S.A.L.			S.A.L.			S.A.L.							

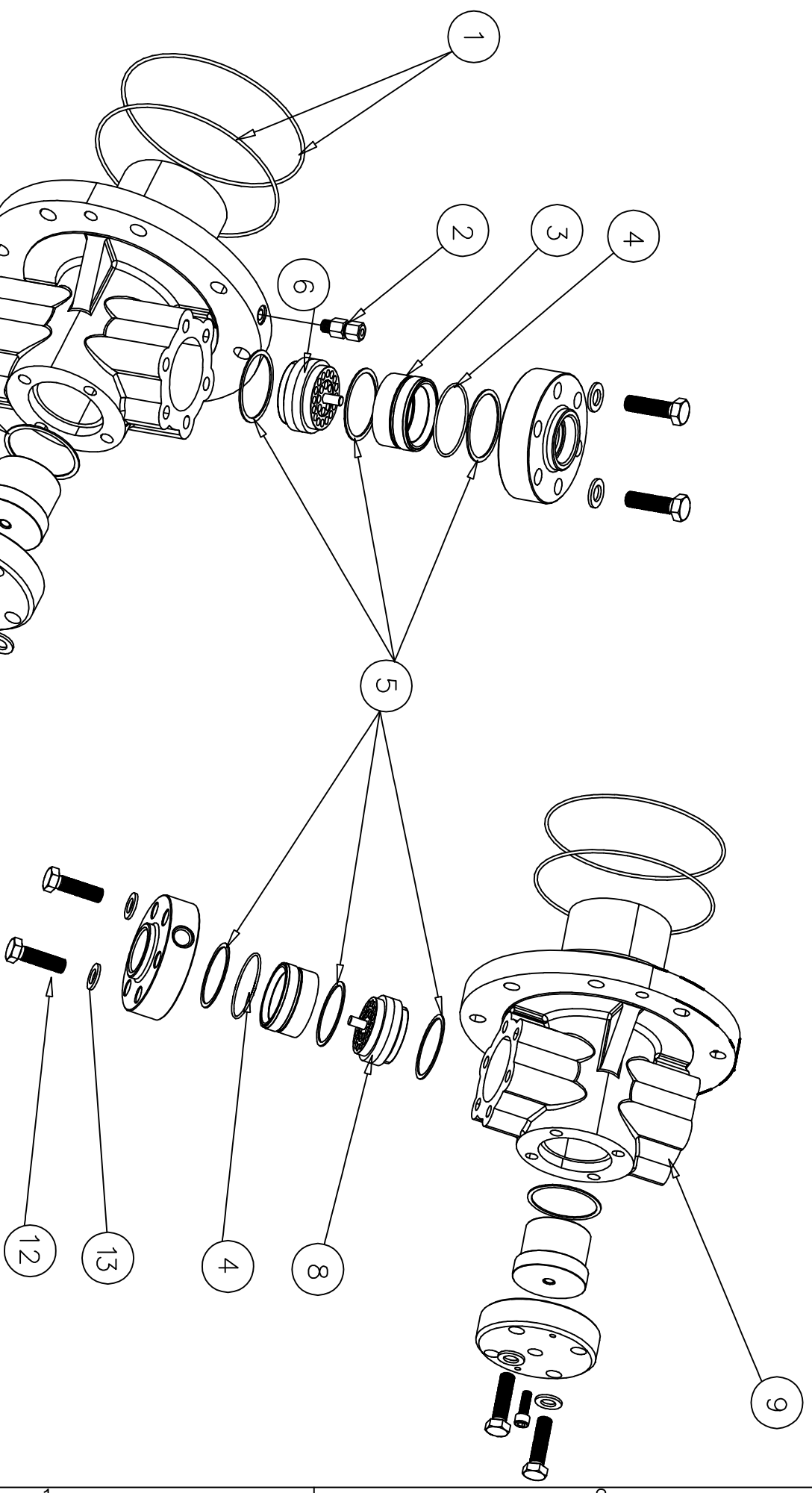
1



2

Dwg: 85032-1

17	20113	Elastic Pin	1		✓
16	20488	Pin	1		✓
15	20182	Allen Screw	1		✓
14	20181	Allen Screw	1		✓
13	20183	Allen Screw	1		✓
12	15052	Cross Head-Rod Blockade nut	1		
11	20285	Nut	2		
10	20668	Screw	2		
9	20641	Pressure washer	1		
8	15066	Nut	1		
7	15074	Last Stage Guide Bush	1	✓	
6	15059-4	Last Stage Piston Rings	5	✓	
5	15058	Last Stage Piston	1		✓
4	15039	Rod	1		✓
3	17051	2nd Stage Piston	1		✓
2	15059-2	2nd Stage Ring	4	✓	
1	15072	2nd Stage Guide Bush	1	✓	



Item	Code(actual)	Designation	QTY	Kit 1	Kit 2
Part List					
		Date	Name	I.O.D.M. 115-4/4R	
		Designed			
		Revised			
		Approved		 	
		Scale	Title		
		S/E	2nd. & Last STAGE ROD ASSEMBLY		
Date	Level			COMPRESSOR	
				Dwg: 85032-1	
				Sheet:	

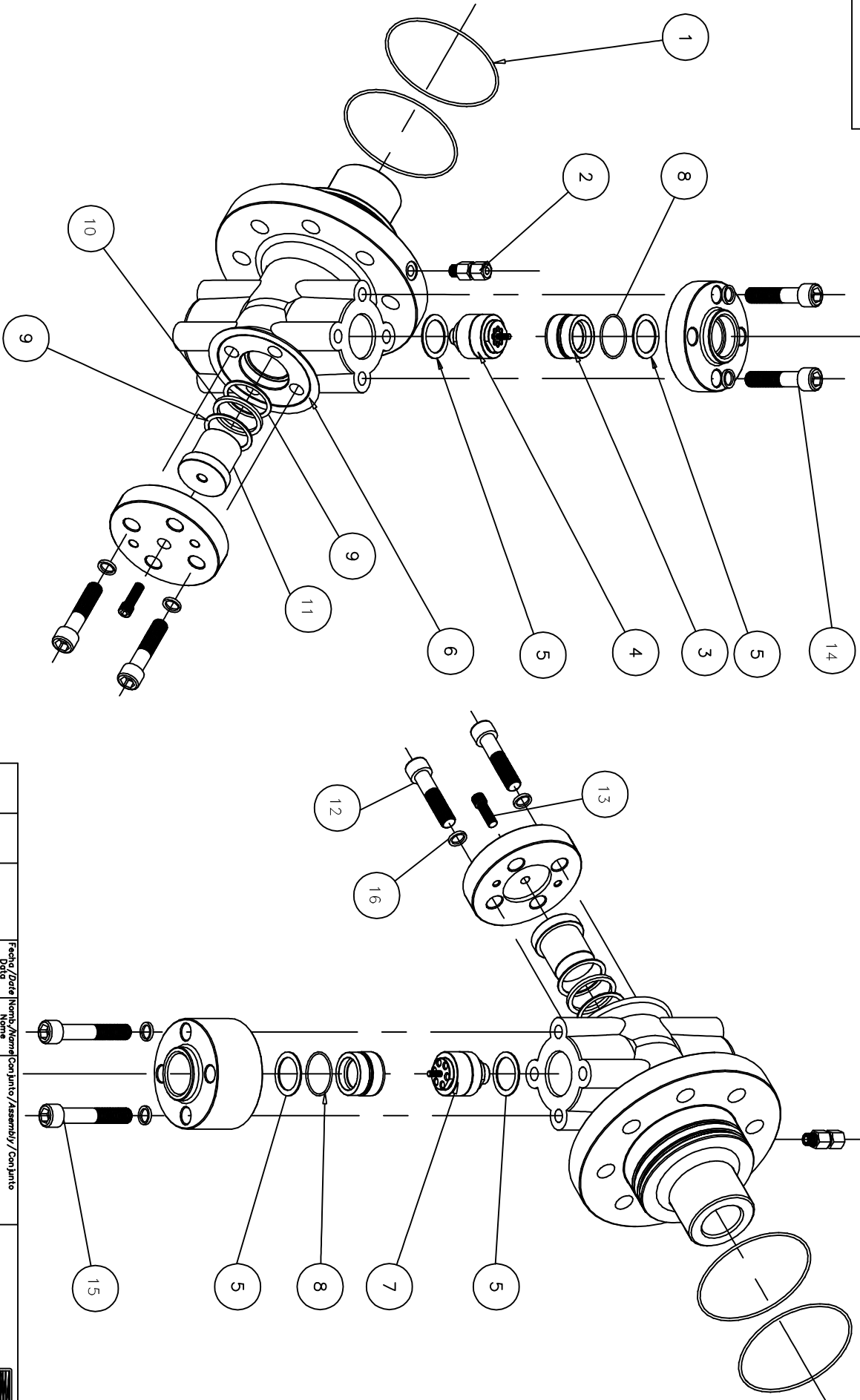


Fecha / Date		Dibujó / Designado / Desembo		Fecha / Date		I.O.D.M. 115-4R		 	
Data		Revisó / Revisado / Apr. Aprobado		Estado		CONJUNTO CILINDRO DE 3RA. ETAPA 3RD STAGE CYLINDER ASSEMBLY		COMPRESOR COMPRESSOR	
Nivel / Level		Escalá / Scale / S/E		Denominación / Title / Denominación				Hoja / Sheet / Folha	
								85038-1	

Dwg: 85038-1

13	20027	Washer	16		
12	20256	Screw	12		
11	20257	Screw	4		
10	22287	Screw	1		
9	17056	3rd Stage Cylinder	1		
8	16023	Outlet Valve	1		
7	15425	Copper Washer	1		
6	16022	Inlet Valve	1		
5	16047-6	Copper Washer	6		
4	20465	O'ring 2-149	2		
3	15085	Valve Grip	2		
2	23539(Parker) 0206(Abac)	Non Return Valve	1		
1	20162	O'ring 2-265	2		
Item	Code (actual)	Designation	QTY	Code (new)	Remarks

Part List					
		Date	Name	Assembly	
	Designed			I.O.D.M. 115-4R	
	Revised				
	Approved				
	Scale	Title			 
	S/E	3RD STAGE CYLINDER ASSEMBLY			
					COMPRESSOR
					Dwg: 85038-1
Date	Level				Sheet:





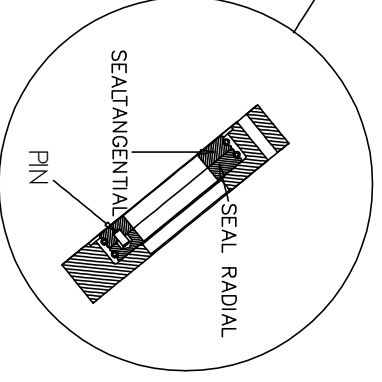
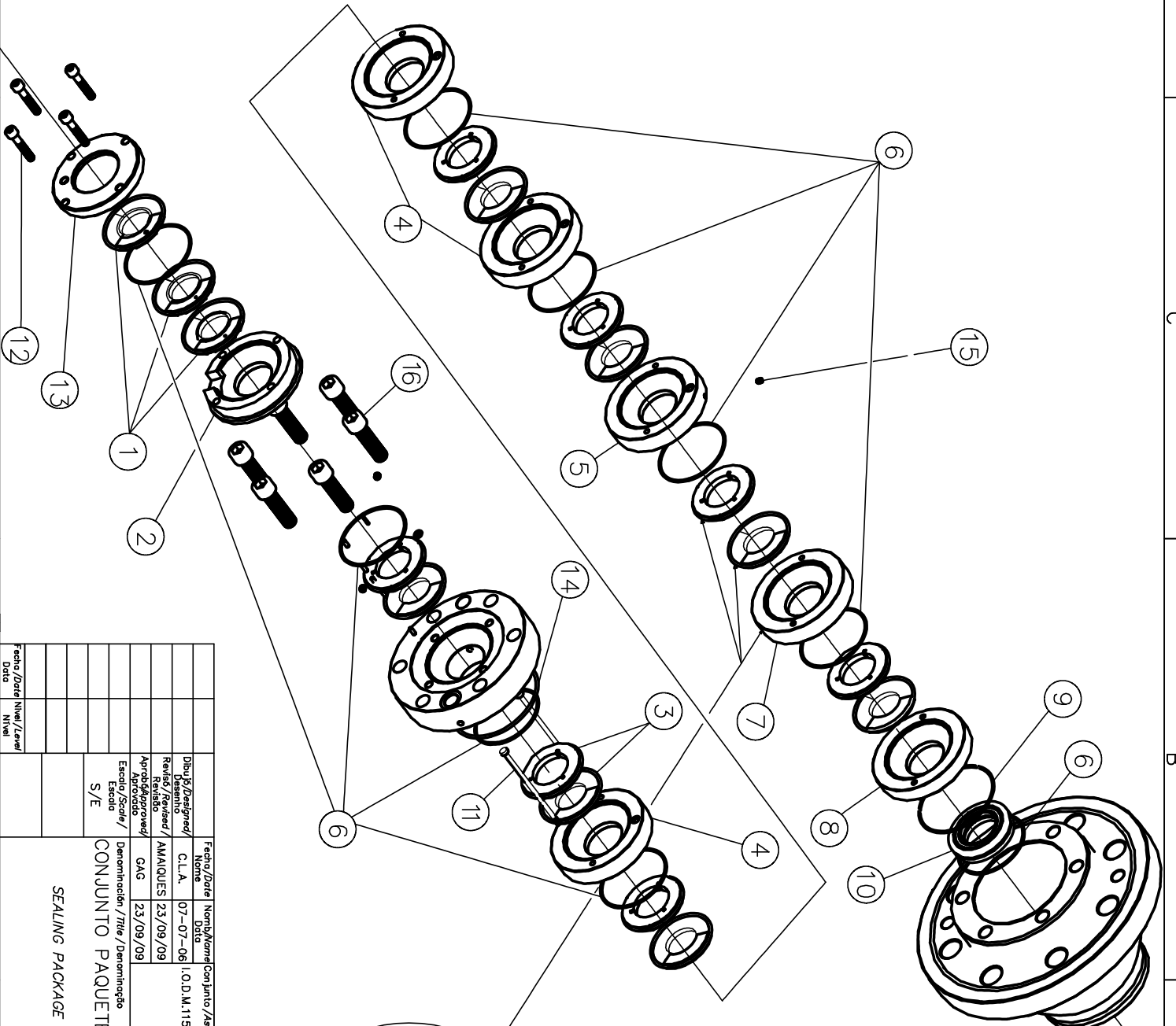
Fecha/Date		Nomb./Name		Conjunto/Assembly		I.O.D.M. 115		COMPRESOR COMPRESSOR	
Dibujó/Designed/ Deseñó		Revisó/Revised/ Revisado		Ejeció/Scarf/ Ejeció		Denominación/Title/Denominación		COMPRESOR S.R.L.	
Aprobó/Approved/ Aprobado		S/E				CONJUNTO CILINDRO DE ULTIMA.ETAPA		Ampiro	
Fecha/Date		Nivel/Level				LAST STAGE CYLINDER ASSEMBLY		Pl./Dwg./Des. 85037	
								Hoja/Sheet/Folio	

Dwg: 85037

16	20027	Washer	12		
15	22001	Screw	4		
14	20340	Screw	4		
13	22287	Screw	4		
12	20256	Screw	4		
11	15419-2	Regulator	1		
10	15420	Regulator Washer	1		
9	15421	Copper Washer	2		
8	20574	O'ring 2-130-V	2		
7	15458	Outlet Valve	1		
6	15418	Last Stage Cylinder	1		
5	16047-3	Copper Washer	4		
4	15462	Inlet Valve	1		
3	15086	Valve Grip	2		
2	23539(ABAC)	Non Return Valve	1		
1	20573	O'ring 2-248-N	2		
Item	Code	Denomination	QTY	Code (New)	Remarks

Part List

		Designed	Date	Name	I.O.D.M. 115	 
		Revised	C.L.A.			
		Approved	A.E.M.			
		Scale	Denomination		COMPRESOR Dwg: 85037 Sheet:	
		S/E	CONJUNTO CILINDRO DE ULTIMA ETAPA			
Date	Level					



Fecha/Date Date		Nomb./Name Name		Conjunt./Assembly Assembly		Conjunt./Assembly Assembly	
Dibujo/Designed/ Diseño		C.L.A.		07-07-06		I.O.D.M.115-2-3/4/AR/ARR/5	
Revisión/Revised/ Revisión		AMAQUES		23/09/09			
Aprobado/Approved/ Aprobado		GAG		23/09/09			
Escala/Scale/ Escala		Denominación/Title/ Denominación					
S/E		CONJUNTO PAQUETE DE CIERRE					
SEALING PACKAGE ASSEMBLY							
Pl./Dwg./Des.		DELTA		COMPRESION S.R.L.		Aspirin	
Hoja/Sheet/ Folha							

COMPRESOR
COMPRESSOR



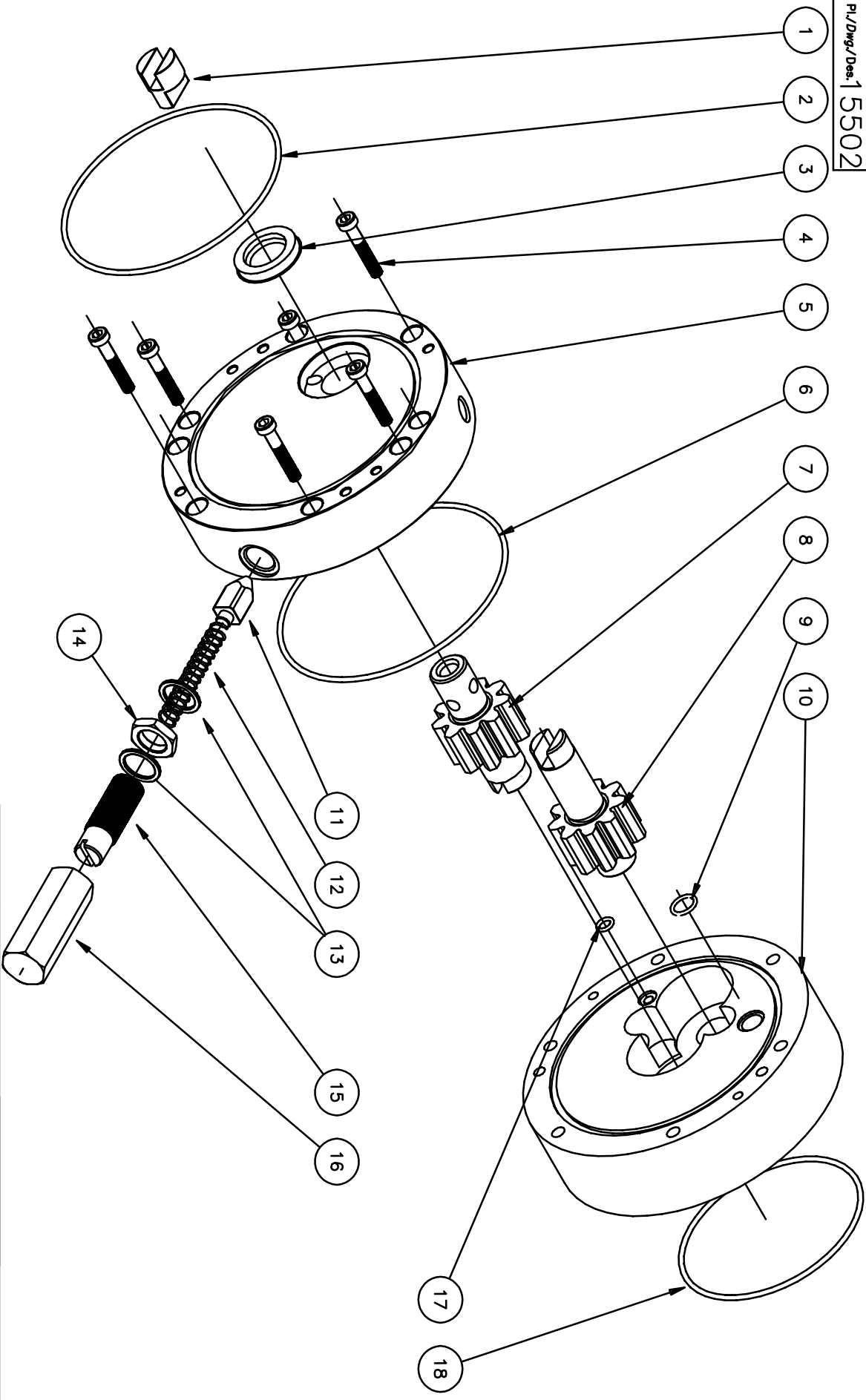
Dwg:

16	6	20780	SCRFW
15	1	15012	SOCKET HEAD LOCK BOLT
14	1	22057	O'RING 2-043
13	1	15012	SEAL
12	4	15031-5	SCREW
11	1	15043	SCREW
10	1	15010	PRESSURE CONTROL RING
9	1	22163	O'RING 2-040
8	1	15009-1	SEAL PACKAGE
7	1	15009-2	SEAL PACKAGE
6	8	22062	O'RING 2-037
5	1	15009-3	SEAL PACKAGE
4	3	15009-4	SEAL PACKAGE
3	6	15038	SEAL RADIAL & TANGENTIAL
2	1	15009-5	SEAL PACKAGE
1	1	15011-J	OIL SCRAPER RING

Item	Qty	CODE	Description		
			Name	Date	Assembly I.O.D.M.115-2-3/4/4R 4RR/5
		Designed	C.L.A.	07/07/06	
		Revised	A.E.M.	23/09/09	
		Approved	G.A.G.	23/09/09	
		Scale	Title SEALING PACKAGE ASSEMBLY		
		S/E			
Date	Level		COMPRESSOR Dwg: Sheet:		

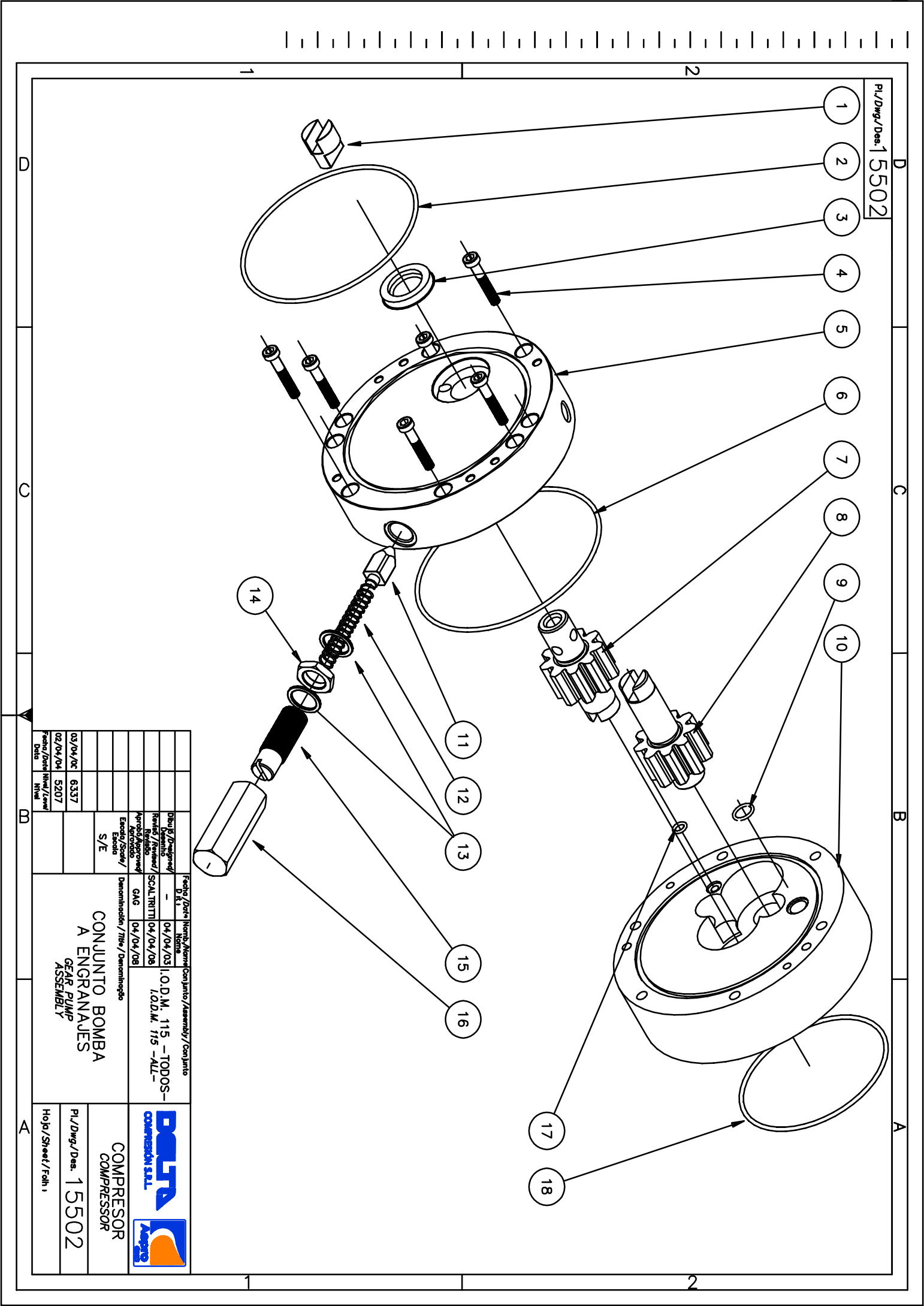
DELTA
COMPRESIÓN S.R.L.





Fecha/Date/Noche/Assembly/Conjunto/Conjunto	Dibujo/Draw/Plano/Plan/Sheet
04/04/03	04/04/03
I.O.D.M. 115 - TODOS -	I.O.D.M. 115 - ALL -
Revisado/Revised/Revisado/Revisado	SCAL TRITTI
04/04/06	04/04/06
Aprobado/Approved/Approvato	GAG
04/04/08	04/04/08
Demonstrado/Shown/Dimostrato	
03/04/06	6337
02/04/04	5207
Fecha/Date/Noche/Sheet/Date	Nivel/Level/Altura/Height

CONJUNTO BOMBA A ENGRANAJES GEAR PUMP ASSEMBLY	
COMPRESSOR S.L.L.	
COMPRESSOR	
Pl./Dwg./Des.	1 5502
Hoja/Sheet/ Folha	1





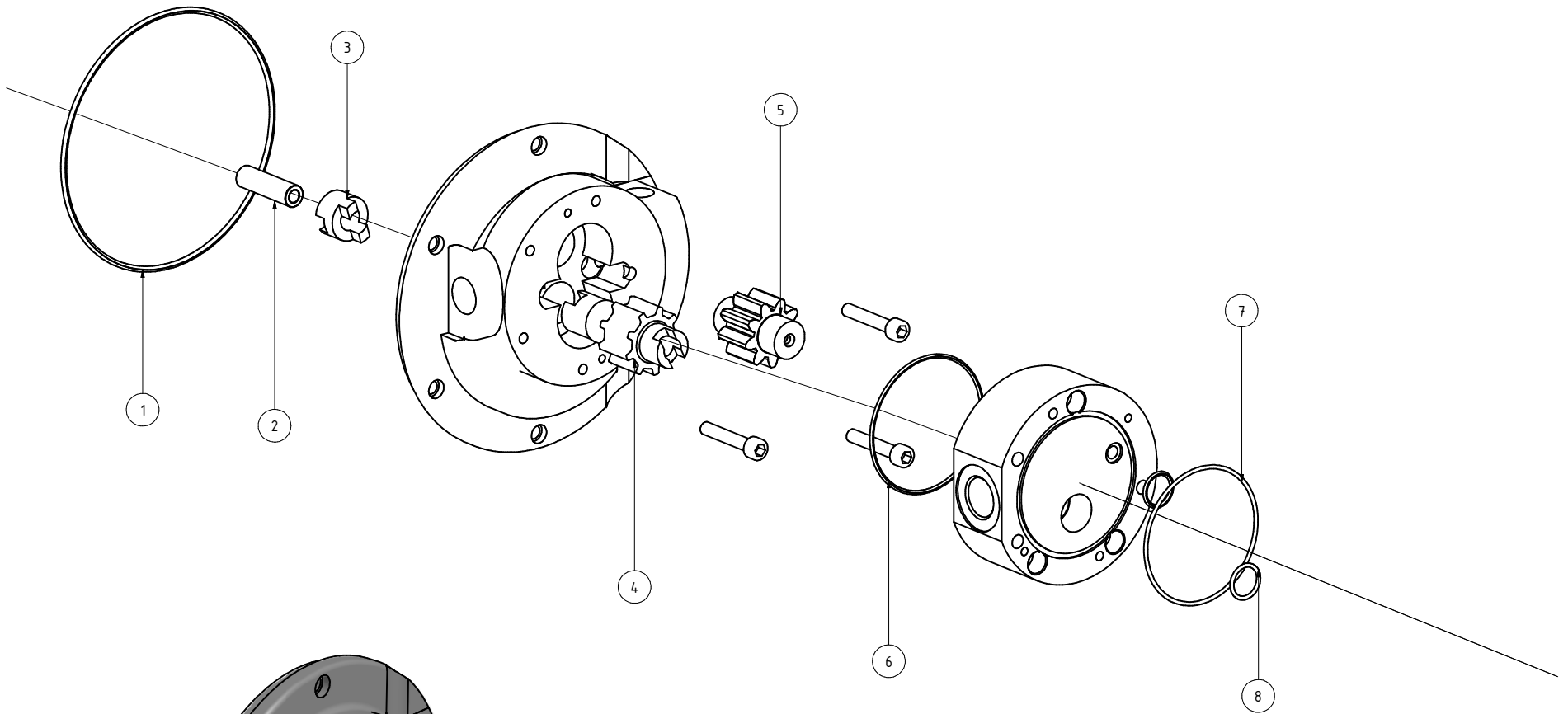
Dwg: 15502

18	20155	O'ring 2-154 V 75sh.	1		
17	22072	O'ring 2-013 N 75sh.	1		
16	15186-3	Cover	1		
15	15186-1	Spring Housing	1		
14	1046-2	Regulator Nut	1		
13	16047-14	Cooper W isher	2		
12	15186-2	Spring	1		
11	1559	Regulation Rod	1		
10	15025	Pump Body	1		
9	20791	O'ring 2-010 V 90sh.	1		
8	15037	Coupling Gear	1		
7	15036	Crankshaft Coupling Gear	1		
6	22056	O'ring 2-158 N 70sh.	1		
5	15026	Gear Pump Cover	1		
4	20227	Allen Screw M6x1 L.35	8		
3	20197	Oil seal sav 5260	1		
2	22072	O'ring 2-157 V 75sh.	1		
1	0626	Cam Pump Coupling	1		

Item	Code (atual)	Designation	QTY	Code (new)	Remarks
------	--------------	-------------	-----	------------	---------

Part List

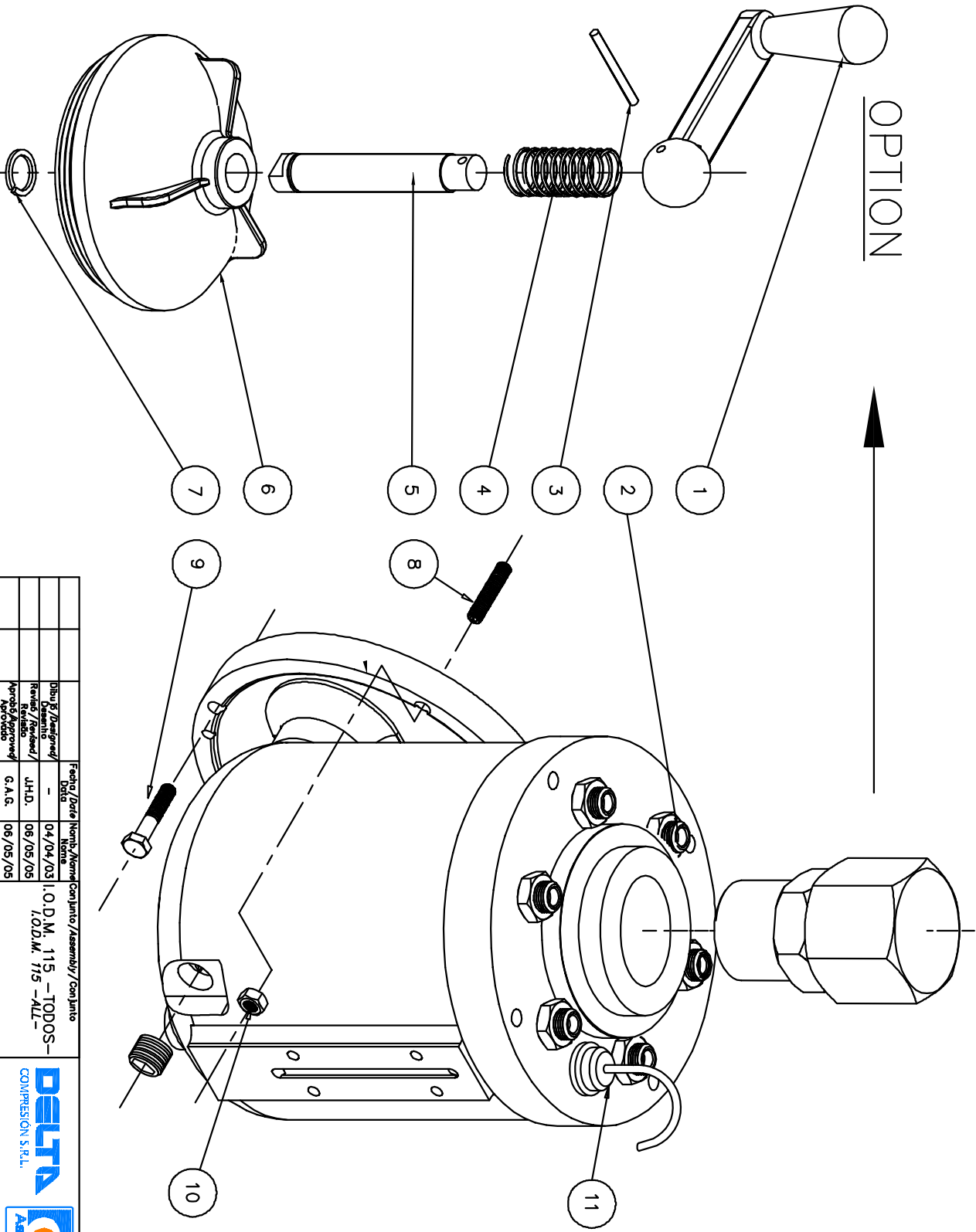
			Date	Name	Assembly	 
		Designe I	-	04/04/03	I.O.D.M. 115 -ALL-	
		Revised	P.K	03/04/06		
		Approved				
		Scale	Title		<p>COMPRESSOR</p> <p>Dwg: 15502</p> <p>Sheet:</p>	
		S/E	<p>GEAR PUMP ASSEMBLY</p>			
03/04/06	6337					
02/04/02	5207					
Date	Level					



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	22056-1	O'RING
2	1	3068	BUJE PASAJE DE ACEITE / OIL CONDUCTING OF CRANKSHAFT
3	1	3067	ACOPLE CARDAN / STEEL COUPLING WITH CRANKSHAFT
4	1	97331	ENGRANAJE / GEAR
5	1	91099	ENGRANAJE / GEAR
6	1	23693-1	O'RING
7	1	23849	O'RING
8	2	22616	O'RING

Date		Name	
Drawn	07/05/2010	AMAIGUES	
Checked	07/05/2010	SCALTRITTI S	
Standard	07/05/2010	P.R.G.	
LUBRICATION SYSTEM			
91168-1			1
			A2
Stats	Changes	Date	Name

OPTION



06/05/05	5708	02/04/04	5207	06/05/05	04/04/03	06/05/05	06/05/05																
Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level	Fecha/Date	Nivel/Level

CONJUNTOS
BOMBA A LEVAS
OIL CAM PUMP
ASSEMBLY



COMPRESOR
COMPRESSOR

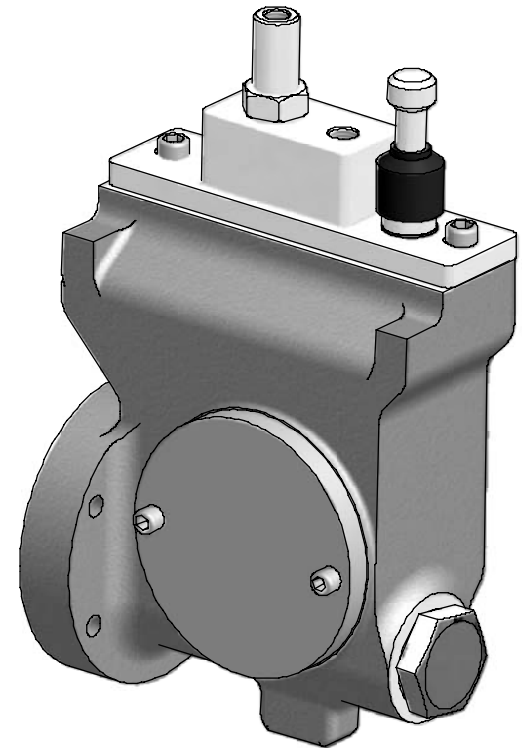
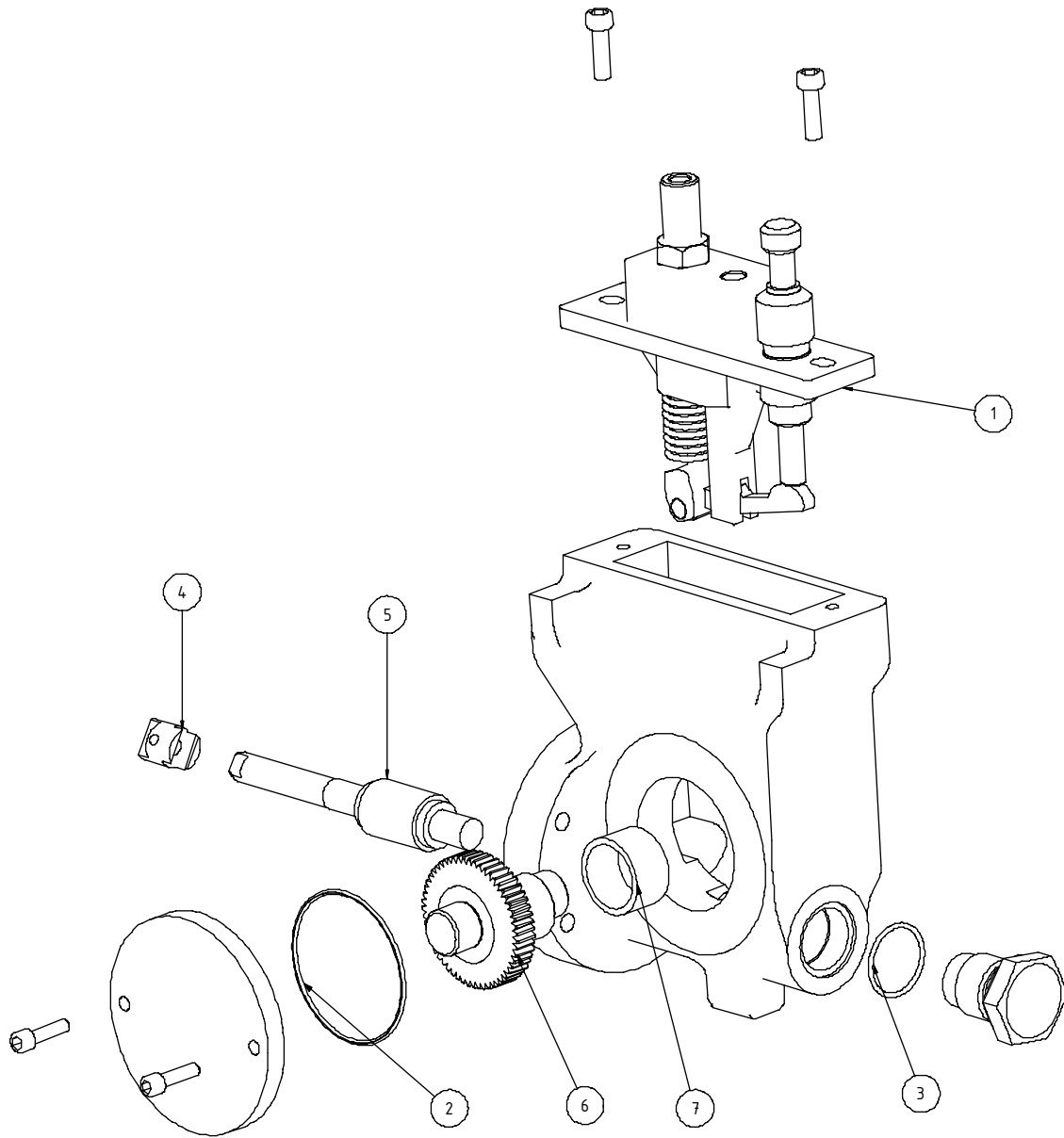


Dwg: 15141

11	23061	Level sensor	1		
10	20283	Nut M6x1	1		
9	20335	Bolt M6x1 L:25	1		
8	20180	Stud bolt M6x1 L:35	1		
7	20202	Safety Ring	1		
6	0611-1	Threaded Cap	1		
5	0607-1	Manual Operation Shaft	1		
4	0607-4	Spring	1		
3	20109	Pin	1		
2	15545	Pumping Elements Assembly	1		
1	0611-2	Handle	1		
Tag	Code (actual)	Designation	QTY	Code (New)	Remarks

Parts List

			Date	Name	Assembly	 
		Designed	-	04/04/03	I.O.D.M. 115 -ALL-	
		Revised	J.H.D.	06/05/05		
		Approved	G.A.G.	06/05/05		
		Scale	Title		<p>OIL CAM PUMP ASSEMBLY</p>	COMPRESSOR
		S/E				Dwg: 15141
06/05/05	5708					Sheet:
02/04/02	5207					
Date	Level					



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	120017 / 120017-1	PUMP MODEL 55I DIAM. PISTON 3/16" LINCOLN
2	1	24769	O'RING
3	1	21066	O'RING
4	1	97307	COUPLING
5	1	97306	WORM GEAR
6	1	97310	GEAR
7	1	120014	BUSH



		Dwg. 97300	
		ALTERNATIVA 2 ALTERNATIVE 2	
	Date	Name	SISTEMA DE LUBRICACION
Drawn	23/10/2007	SCALTRITTI S	
Checked	23/10/2007	SCALTRITTI S	
Standard	23/10/2007	GROSSO G.	
ALL MODELS TODOS LOS MODELOS		LUBRICATION SYSTEM	
State	Changes	Date	Name

B
A

Dwg:

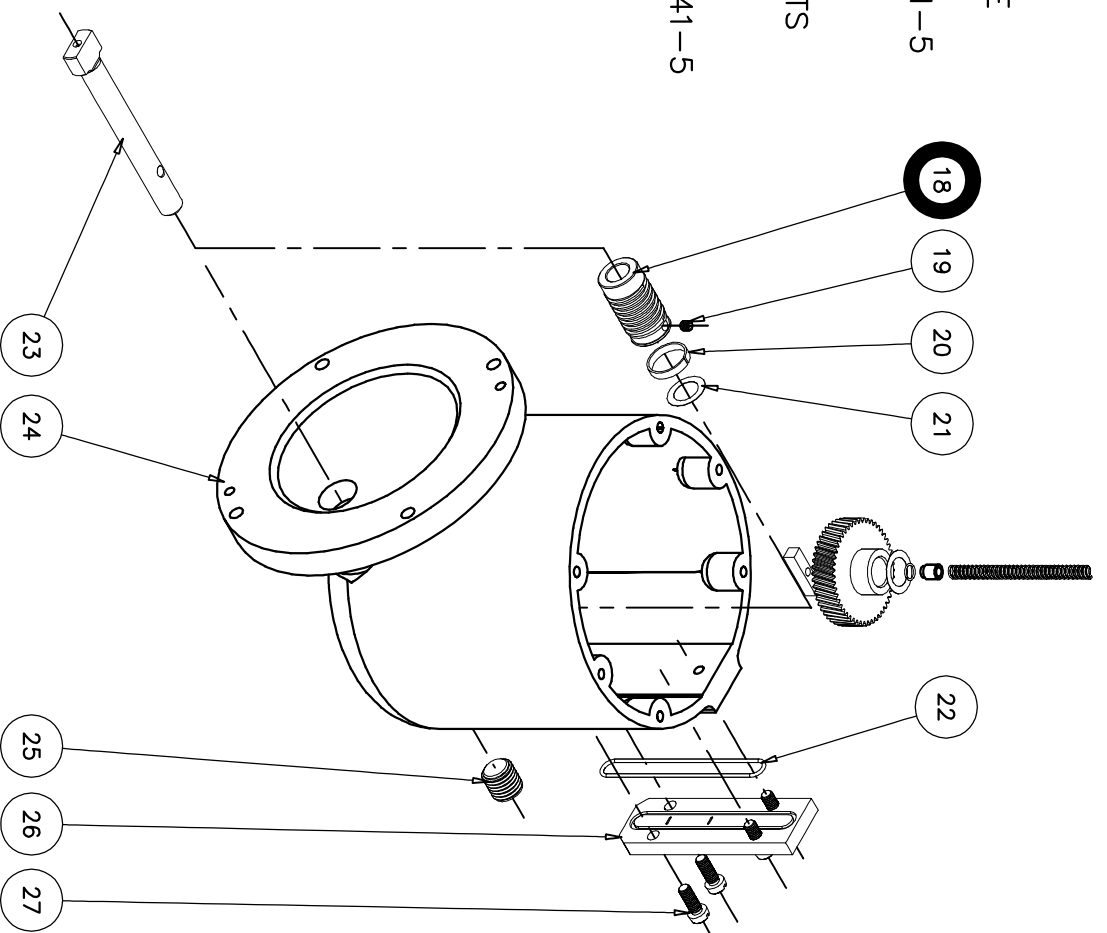
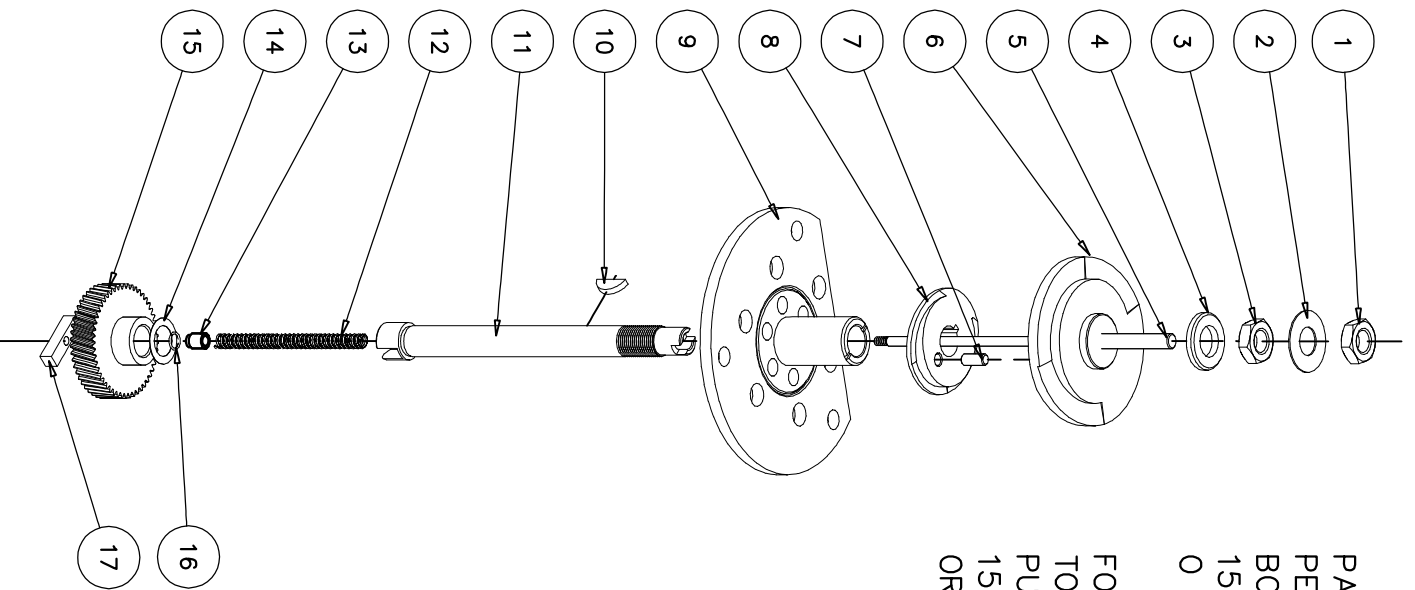
10	20285	M8 nut	5		
9	0606-4	plug	3		
8	15044	Connection	5		
7	0608-2	Exterior axis	5		
6	15540	pump?s assy.	5		
5	0604-1	ø48 Cam	5		
4	0608-3	support	5		
3	0603-1	Regulation Screw	5		
2	15035	Reservoir Cap	1		
1	0611-5	Nut	5		
Item	Code (actual)	Desigantion	QTY	Code (new)	Remarks

Part List

			Date	Name	Assembly	 
		Designed	-	04/04/03	I.O.D.M. 115 -ALL-	
		Revised	P.K.	03-04-06		
		Approved	G.A.G.	03-04-06		
		Scale	Title		COMPRESSOR	
		S/E	PUMPING ELEMENTS SUBASSY		Dwg:	
03-04-06	6342					
06/05/05	5708					
02/04/02	5207					
Date	Level					
					Sheet: 2/2	

PARA REPUESTO
 PEDIR CODIGO DE
 BOMBA ARMADA:
 15141-4 O 15141-5
 O 15141-6



FOR SPARE PARTS
 TO ASK OIL CAM
 PUMP CODES
 15141-4 OR 15141-5
 OR 15141-6

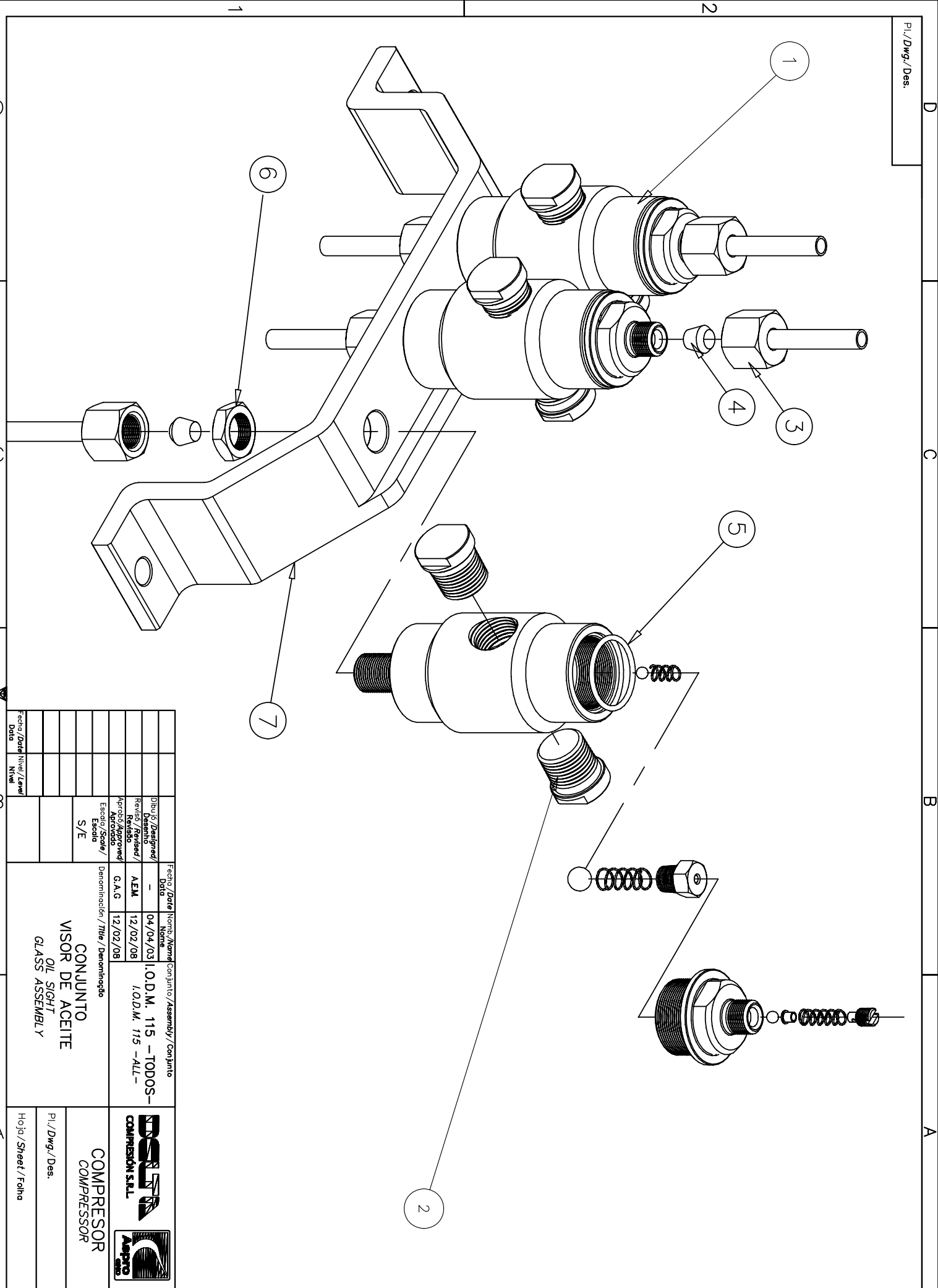


Fecha/Date		Nivel/Level		Fecha/Date		Nivel/Level		Fecha/Date		Nivel/Level	
02/04/04	5207										
Dibujo / Designed / Desenho 04/04/03 O.D.M. 115 - TODOS - I.O.D.M. 115 - ALL -				Fecha / Date / Nota / Note / Assmby / Conjunto 02/04/04 G.A.G.				COMPRESOR COMPRESSOR COMPRESOR S.L.U. COMPRESSOR S.L.U. Aspro Aspro			
Revisión / Revised / Revisão 02/04/04				Escala / Scale / Escala S/E				Denominación / Title / Denominação SUB-CONJUNTO EJE CENTRAL Y TRANSM. - BOMBA A LEVAS - POWER SHAFT + CENTRAL SHAFT - OIL CAM PUMP SUBASSY -			
Revisión / Revised / Revisão 02/04/04				Escala / Scale / Escala S/E				Denominación / Title / Denominação SUB-CONJUNTO EJE CENTRAL Y TRANSM. - BOMBA A LEVAS - POWER SHAFT + CENTRAL SHAFT - OIL CAM PUMP SUBASSY -			

27	20323	Allen Screw M6x15	4		
26	15068	Oil Viewer	1		
25	20596	Plug	1		
24	15034	Body	1		
23	15045	Transmission Shaft	1		
22	22058	O'ring 0-236 N 70sh.	1		
21	20021	Washer	1		
20	0614-2	Ring	1		
19	20126	Screw	1		
18	0604-2	Endless	1		
17	0608-4	Cube	1		
16	0623	Security Ring	1		
15	0603-2	Gear	1		
14	20022	Washer	1		
13	0608-7	Sleeve	1		
12	0608-9	Spring	1		
11	0608-2	Central Shaft	1		
10	0614-1	Big	1		
9	15044	Lower Support	1		
8	0604-1	Cam Ø48	1		
7	20107	Pin	1		
6	0603-1	Cam Ø76	1		
5	0608-1	Shaft	1		
4	0615-2	Washer	1		
3	0616	Nut	2		
2	0615-1	Washer	1		
1	0616	Nut	2		
Item	Code (actual)	Designation	QTY	Code (new)	Remarks

Part List

			Date	Name	Assembly I.O.D.M. 115 -ALL-	 
		Designed	-	04/04/03		
		Revised	J.H.D.	02/04/04		
		Approved	G.A.G.	02/04/04		
		Scale	Title		COMPRESSOR	
		S/E	POWER SHAFT+CENTRAL SHAFT SUBASSY -OIL CAM PUMP-			
02/04/02	5207					
Date	Level				Dwg:	
					Sheet:	



Fecha / Date	Revisión / Level	Fecha / Date	Revisión / Level

Dibujos / Designed /	Fecha / Date	Revisión / Level	Fecha / Date	Revisión / Level
Desenho /	-	04/04/03	12/02/08	-
Revisão /	AEM	12/02/08		
Apr. /	G.A.G			
Apv. /				
Escala /	S/E			

Fecha / Date	Revisión / Level	Fecha / Date	Revisión / Level

CONJUNTO VISOR DE ACEITE / OIL SIGHT GLASS ASSEMBLY



04/04/03 I.O.D.M. 115 - TODOS -
12/02/08 I.O.D.M. 115 - ALL -

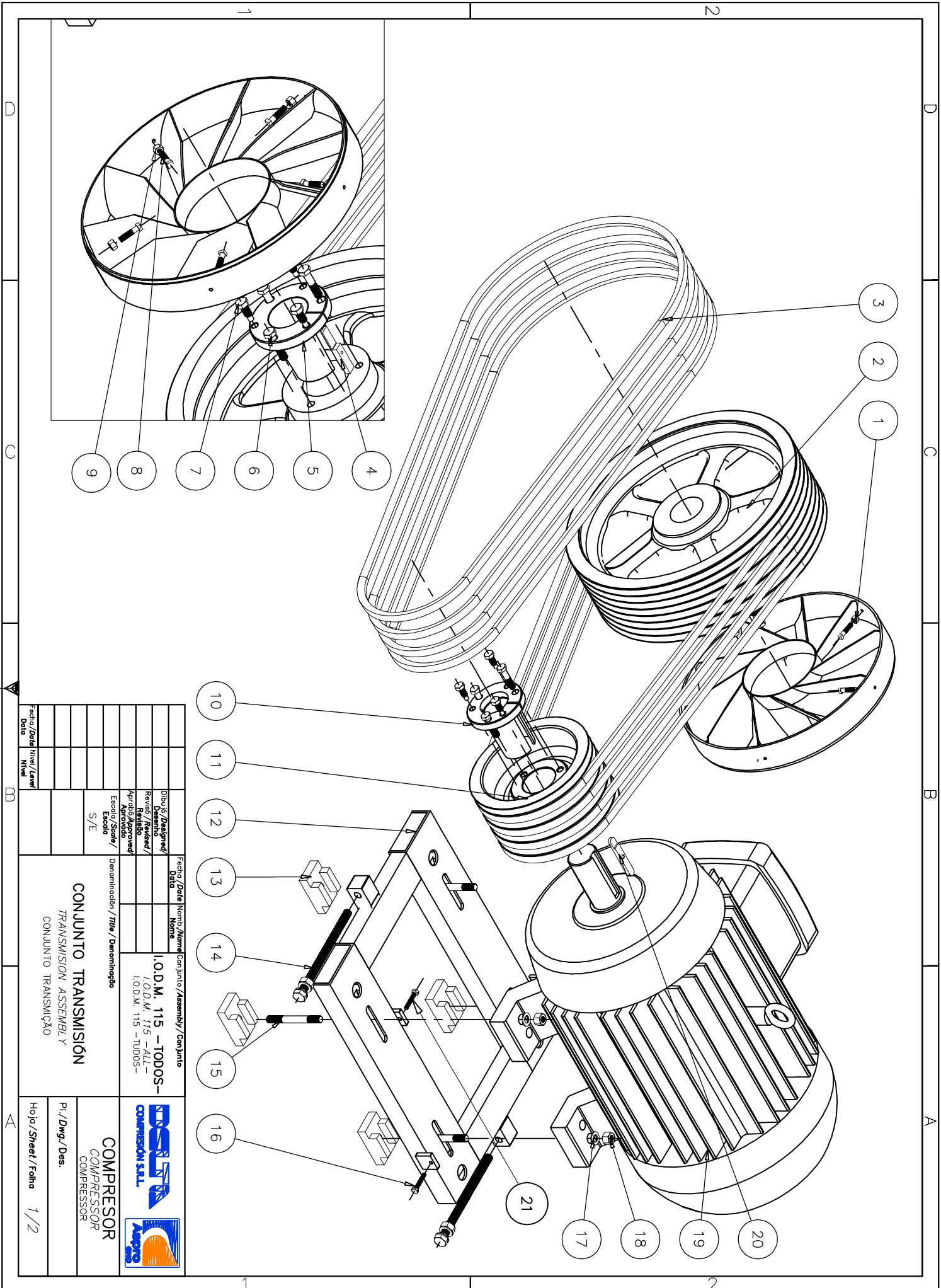
 COMPRESSION S.R.L.	 COMPRESSOR	
		Pl./Dwg./Des.
		Hojas/Sheet/Folios

Dwg:

7	15022	Support	1		
6	0411	Nut	1		
5	20974	O'Ring	1		
4	0413	Ferrule	2		
3	0412	Nut	2		
2	0409	Oil Sight Glass Viewer	2		
1	0400	Oil sight Glace	1		
Pos.	Code (act.)	Designation	Qty.	Code (new)	Remarks

Part List

			Date	Name	Assembly I.O.D.M. 115 - ALL -	 	
		Designed	-	04/04/03			
		Revised	A.E.M.	12/02/08			
		Approved	G.A.G.	12/02/08			
		Scale	Title		COMPRESSOR Dwg: Sheet:		
		S/E	OIL SIGHT GLASS ASSEMBLY				
Date	Level						



Fecha / Date		Nombre / Name		Conjunto / Assembly		Conjunto / Conjunto	
Dato		Datos		Datos		Datos	
Fecha / Date		Dibujó / Designed		Revisó / Revised		Aprobó / Approved	
Nivel / Level		Dato		Dato		Dato	
Nivel		S/E		Escala / Scale		Denominación / Title / Denominação	
CONJUNTO TRANSMISIÓN TRANSMISSION ASSEMBLY CONJUNTO TRANSMIÇÃO				I.O.D.M. 115 - TODOS- I.O.D.M. 115 - ALL- I.O.D.M. 115 - TODOS-			
				COMPRESOR COMPRESSOR COMPRESSOR			
				P.I./Dwg./Des. Hoja/Sheet/Folha 1/2			



Electric motor

KW	SIEMENS	WEG
110	20147	-----
132	21274	21274-1
160	20773	20773-1

Pulley



CODIGO/ CODE	ØPOLEA/PULLEY [m.m.]	COLOR/COLOUR	MAQUINA/ MACHINE [r.p.m.]	MOTOR [r.p.m.]
15369	375	VERDE / GREEN	800	1500
15370	420	AMARILLO / YELLOW	900	1500
15373	468	ROJO / RED	1000	1500
15373-1	490	NARANJA / ORANGE	1050	1500
15371	315	BLANCO / WHITE	800	1800
15372	355	AZUL / BLUE	900	1800
15417	392	NEGRO / BLACK	1000	1800

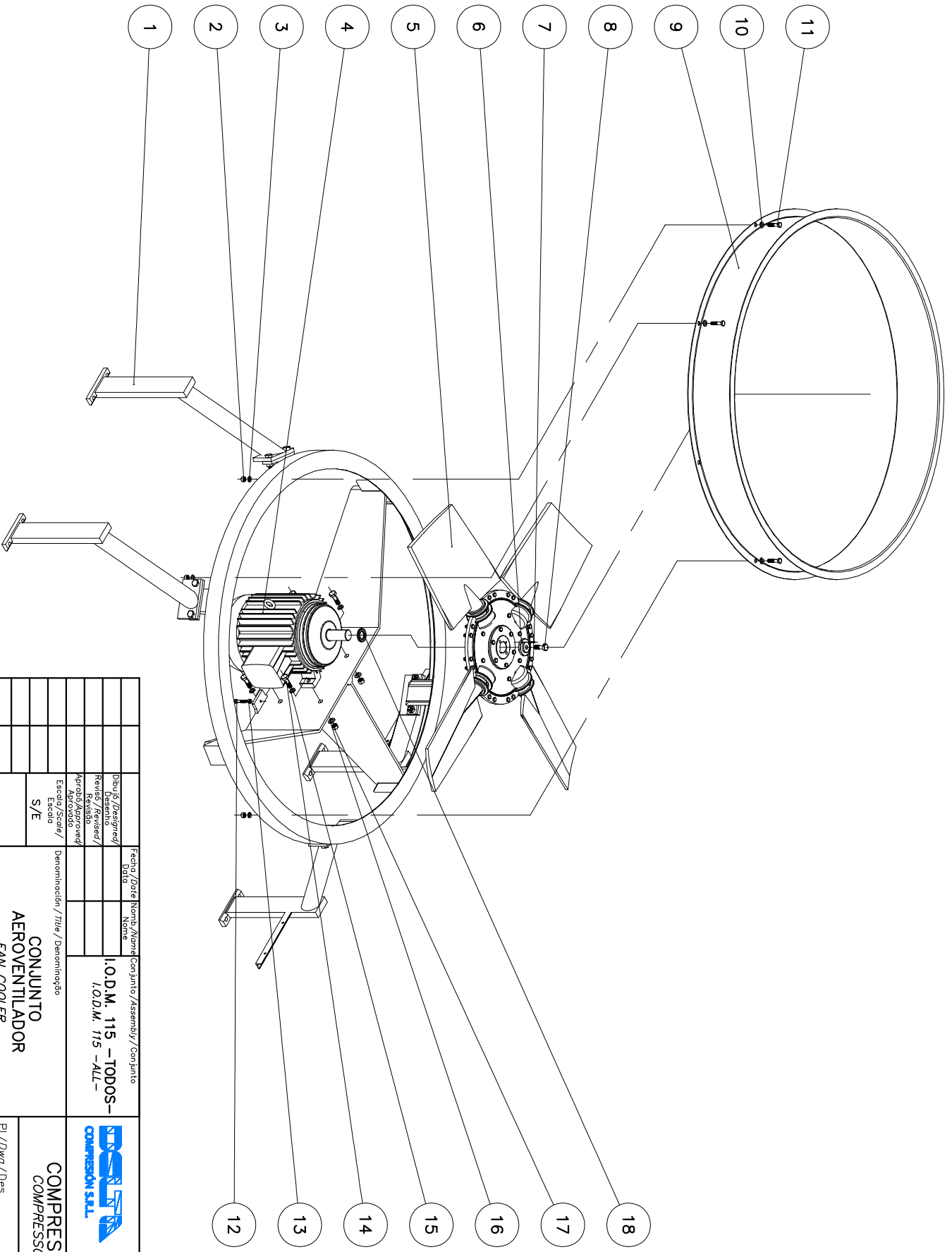
SIEMPRE DIAMETRO VOLANTE 690mm/DIAMETER PLYWHEEL ALWAYS 690mm



21	22660-2	Sreew	2		
20	15492	Motor gib	1		
19	-----	Electric motor	1		
18	20327	Nut M.20	4		
17	15187	Washer M.20	4		
16	15031-9	Bolt M.10x60	2		
15	15401	Stunt M.20x175	4		
14	1034	Bolt M.22x330	2		
13	15387	Slide nut	4		
12	32006	Electric motor slide	1		
11	-----	Pulley	1		
10	3054	Pulley cone	1		
9	20277	Nut M.12	5		
8	20761	Bolt M.12x35	5		
7	15031-37	Bolt M.16x45	6		
6	15031-19	Bolt M.16x70	6		
5	15041	Fly wheel cone	1		
4	15147	Crankshaft - gib	1		
3	21542	Belt type SPC			See client's contrat
2	15374	Fly wheel	1		See client's contrat
1	22076	Fan	1		

Pos.	Code (act.)	Designation	Qty.	Code (new)	Remarks
------	-------------	-------------	------	------------	---------

Part List

			Date	Name	Assembly	 
		Designed			I.O.D.M. 115 -ALL-	
		Revised				
		Approved				
		Scale	Title		TRANSMISION ASSEMBLY	COMPRESSOR
		S/E				Dwg:
						Sheet: 2/2
Date	Level					





Fecha/Date		Nombre/Name		Conjunto/Assembly/Conjunto		 
Data		Nome		Conjunto		
		Dibujó/Designed/				CONJUNTO AEROVENTILADOR FAN COOLER SYSTEM
		Deseñó/				
		Revisó/Revised/				
		Aprobó/Approved/				
		Escad./Scale/		Denominación/Title/Denominación		COMPRESOR COMPRESSOR
		S/E				
						Pl./Dwg./Des. Hoja/Sheet/ Folha

MOTOR	SIEMENS	WEG
5,5Kw	20145	—
7,5Kw	21946	20146
11Kw	22645	22645-2



18	3347	Supplement washer	1		
17	20277	Nut M12	4		
16	20018	Safety washer M12	4		
15	20025	Washer M12	4		
14	20762	Screw hex. head M12	4		
13	20285	Nut M8	2		
12	20355	Screw M8 x 30	2		
11	22910	Screw M10 x 20	8		
10	20013	Safety washer M10	8		
9	3329	Ring	1		
8	3349	Block screw	1		
7	20110	Elastic pin Ø4 L=20	1		
6	3334	Motor cover	1		
5	-----	Fan	1		SEE EI-0180
4	-----	Electric motor	1		SEE THE MOTORS LIST
3	20005	Washer M10	8		
2	20276	Nut M10	8		
1	15201-4	Fan support	1		
Pos.	Code (act.)	Designation	Qty.	Code (new)	Price

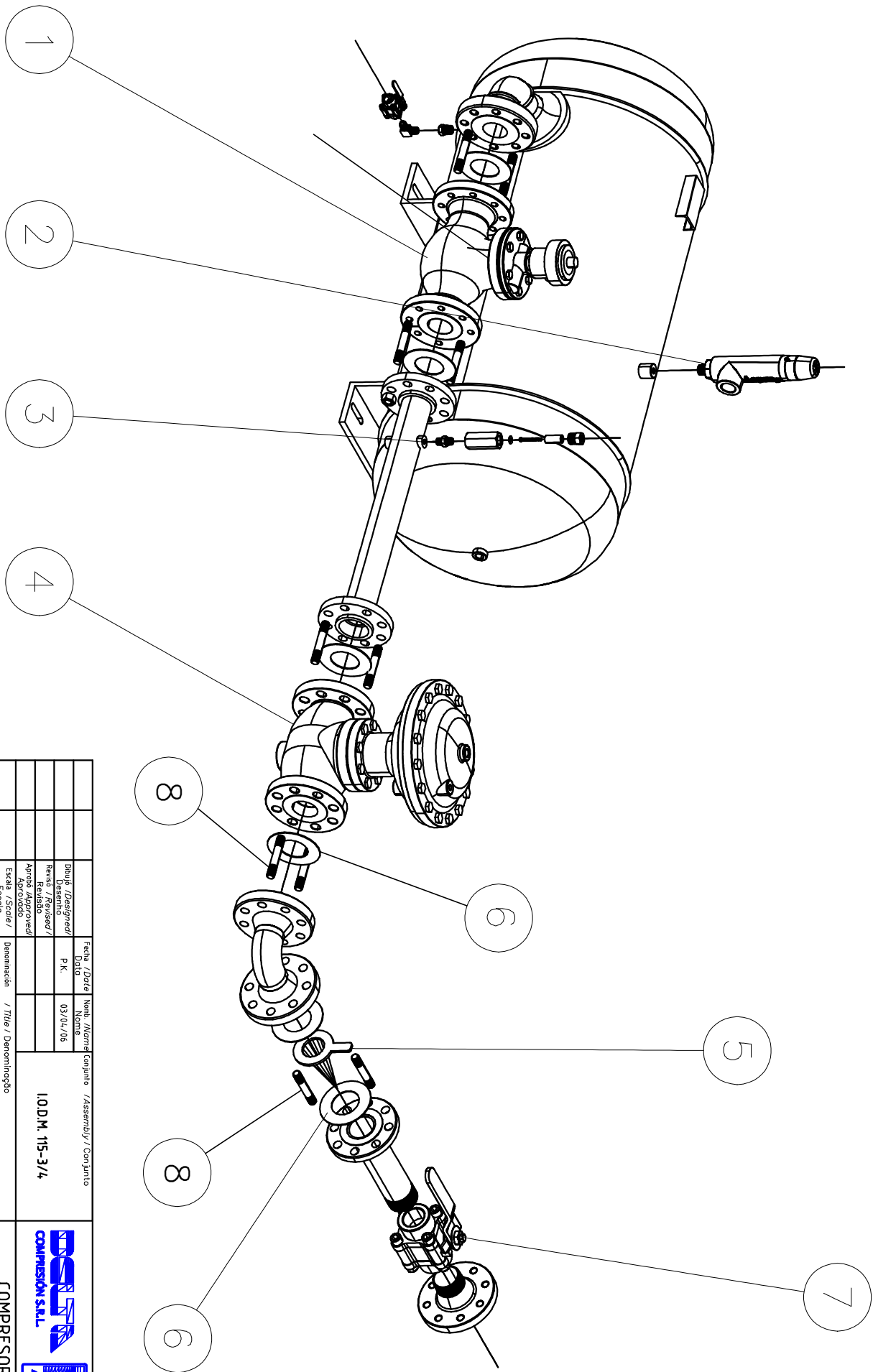
Part List



			Date	Name	Assembly I.O.D.M. 115 -ALL-	 
		Designed				
		Revised				
		Approved				
		Scale	Title FAN COOLER SYSTEM			COMPRESSOR
		S/E				
Date	Level					Dwg:
						Sheet:

9	85781	Casing Slip			
8	15101	1st stage air cooler	1		
7	15102	2nd stage air cooler	1		
6	15103	3rd stage air cooler	1		
5	15104	4th stage air cooler	1		
4		Last Stage Safety Valve (See E.I.0042)	1		
3		3rd Stage Safety Valve (See E.I.0042)	1		
2		2nd Stage Safety Valve (See E.I.0042)	1		
1		1st Stage Safety Valve (See E.I.0042)	1		
Pos.	Code (act.)	Designation	Qty.	Code (new)	Remarks

Part List

			Date	Name	Assembly I.O.D.M. 115-4/4R/4RR	 
		Designed				
		Revised				
		Approved				
		Scale S/E	Title AIR COOLER ASSEMBLY			COMPRESSOR
						Dwg:
						Sheet:
Date	Level					





Fecha / Date		Nombr. Norma / Conjunto / Assembly / Conjunto		Fecha / Date		Nombr. Norma / Conjunto / Assembly / Conjunto	
Data		Nome		Data		Nome	
03/04/06		I.O.D.M. 115-3/4		03/04/06		I.O.D.M. 115-3/4	
14/07/06		6654		Dibujo / Designed / Desenho		P.K.	
03/04/06		63A.2		Revis / Revised / Revisão			
				App. Aprobado / Approved			
				Escala / Scale / Escala		S/E	
				Denominación / Title / Denominação			
				CONJUNTO ENTRADA DE GAS			
				INLET GAS SYSTEM			
				COMPRESOR		COMPRESSOR	
				PL./Dwg./ Des.		Hoja / Sheet / Folha	
							

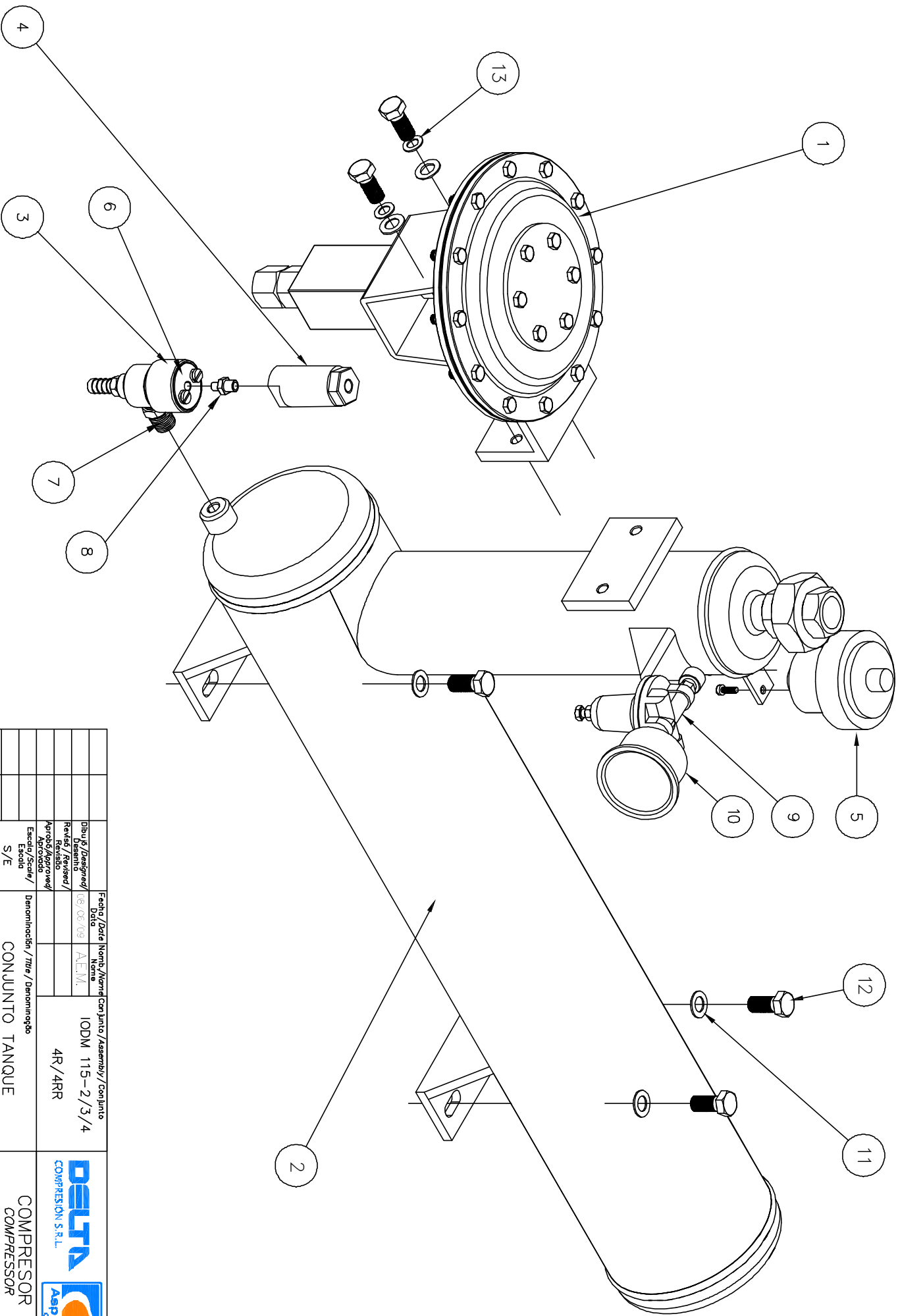
Dwg:

8	1608	Stud Bolt	40		
7	20301	2" Ball Valve	1		
6	20131	2" Klingerit Gasket	6		
5		2" Conic Filter	1		
4		Pressure Regulating Valve	1		According to model
3	0286-3	Porous Filter	1		
2		Safety Valve	1		
1		Stop Valve	1		According to model

Item	Code (actual)	Designation	QTY	Code (new)	Remarks
------	---------------	-------------	-----	------------	---------

Part List

			Date	Name	Assembly I.O.D.M. 115-3/4	 
		Designed	P.K.	03/04/06		
		Revised				
		Approved				
		Scale	Title INLET GAS ASSEMBLY			COMPRESSOR
		S/E				
Date	Level					Dwg:
						Sheet:





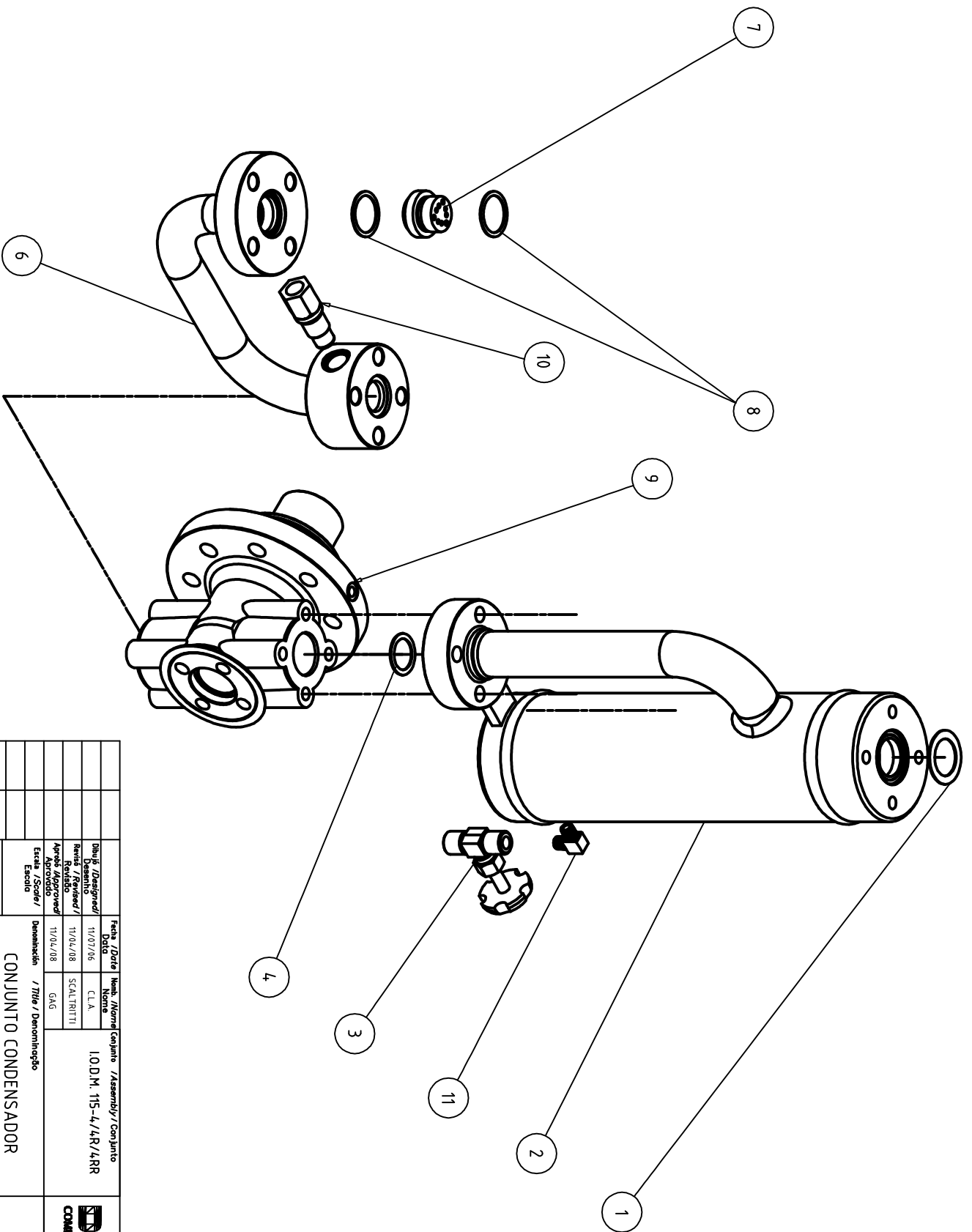
Fecha / Date	Nivel / Level	Revisión / Revision	Aprobado / Approved	Escalón / Stage	Fecha / Date	Nivel / Level	Revisión / Revision	Aprobado / Approved	Escalón / Stage
				S/E					



Fecha / Date: 08/06/09 Nombre: A.E.M. IODM: 115-2/3/4 4R/4RR	Denominación / Title / Denominación: CONJUNTO TANQUE SEP. ACEITE Y ACCES. KNOCKDOWN TANK ASSEMBLY AND ACCESSORIES
---	---

DELTA COMPRESIÓN S.R.L.	Aspro <small>GRUPO</small>
Hoja / Sheet / Folha: _____	



13	20013	Whasher	2		
12	22044	Screw	6		
11	24148	Whasher	6		
10	23576	Pressure gauge 0-10bar	1		
9	20302	67 HR EPTA Regulator valve	1		
8	20288	Connector	1		
7	20658	Connector	1		
6	28503	stopper	1		
5	20288	Jefferson Solenoid Valve	1		
4	28520	Drain Valve Filter	1		
3	28500	Drain Valve	1		
2	91019	knock Down Tank	1		
1	28000-1	De-presurizing Valve (Aspro) low pressure	1		
	28000-2	De-presurizing Valve (Aspro) high pressure			
	20291	De-presurizing Valve (Remarco)			
	21254	De-presurizing Valve (Epta)			

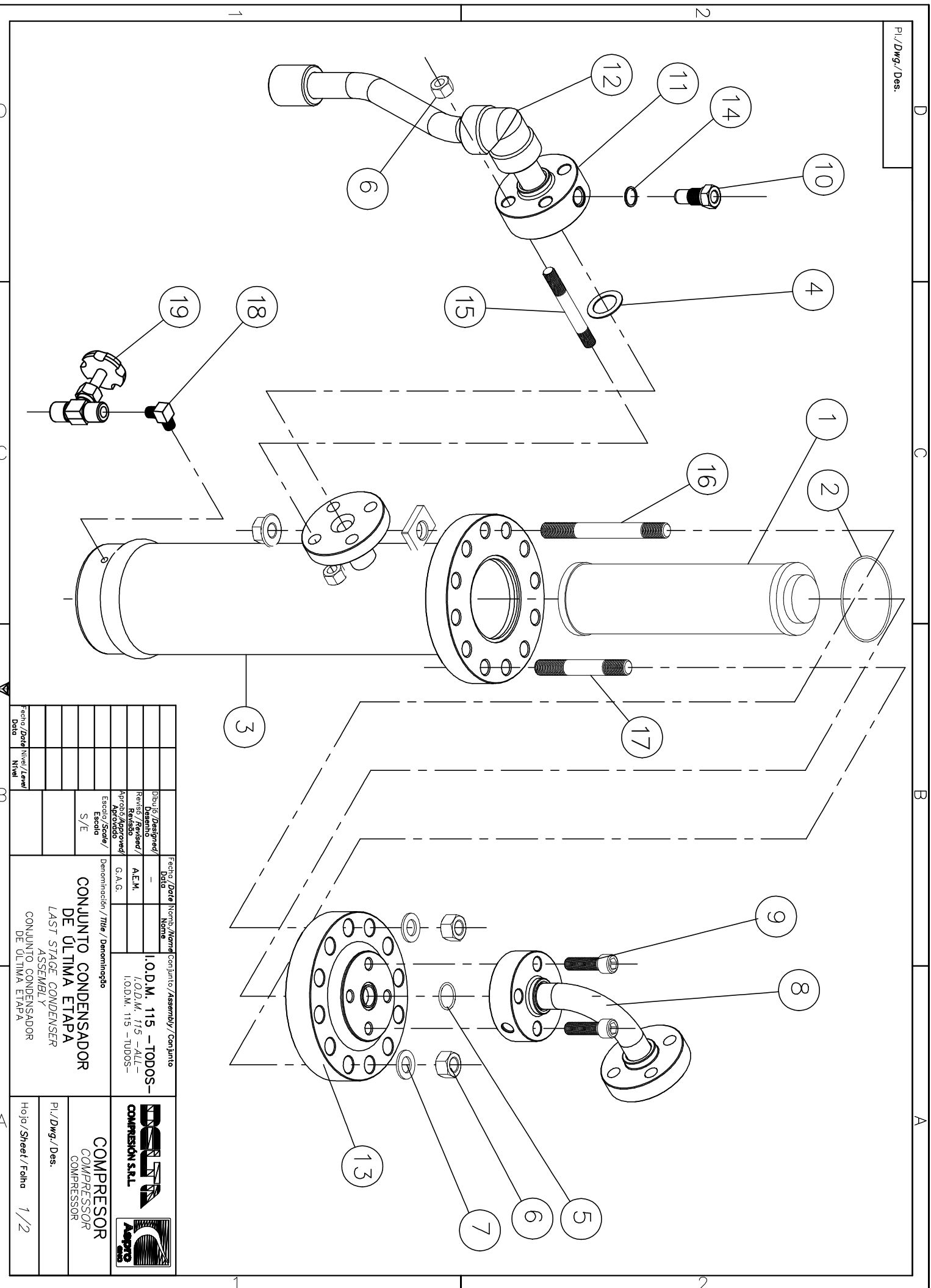
Item	Code	Denomination	Qty.	New Code	Remarks
Listado de partes					
		Date	Name	Assembly	
		Designed	08/06/09	A.E.M.	I.O.D.M. 115 2/3/4/4R/4RR
		Revised			
		Approved			
		Scale	Title	 	
		S/E	KNOCKDOWN TANK ASSY. AND ACCESORIES		COMPRESSOR
					Dwg:
					Sheet:
Date	Level				



COMPRESSOR S.R.L. 		COMPRESSOR COMPRESSOR	
P.I. / Dwg. / Des. Hoja / Sheet / Folha		COMPRESSOR S.R.L. 	
CONJUNTO CONDENSADOR DE 3ra ETAPA 3rd STAGE CONDENSER ASSEMBLY		CONJUNTO CONDENSADOR 3rd STAGE CONDENSER ASSEMBLY	
Fecha / Date: 11/07/06 Diseñador / Designer: C.L.A.		Fecha / Date: 11/07/06 Diseñador / Designer: C.L.A.	
Fecha / Date: 11/02/08 Revisado / Revised: SCALTRITTI		Fecha / Date: 11/02/08 Revisado / Revised: SCALTRITTI	
Fecha / Date: 11/02/08 Aprobado / Approved: GAG		Fecha / Date: 11/02/08 Aprobado / Approved: GAG	
Escala / Scale / Escala:		Denominación / Title / Denominación:	
Fecha / Date:		Nivel / Level:	

11	1	20064	1/4" NPT M-M ELBOW CONNECTOR
10	1	0228	PROBE HOUSING
9	1	15418	CYLINDER
8	2	16047-9	COPPER WASHER
7	1	1079	NON RETURN VALVE
6	1	34062 or 15560	LAST STAGE OUTLET PIPE(2 connections) LAST STAGE OUTLET PIPE(1 connections)
4	1	16047-3	COPPER WASHER
3	1	20949	DRAIN VALVE
2	1	15113	3rd STAGE CONDENSER BODY
1	1	16047-4	COPPER WASHER

Item	Qty	CODE	Description			
Parts List						
			Date	Name	Assembly I.O.D.M. 115-4/4R/4RR	 
		Designed	11/07/06	C.L.A.		
		Revised	SCALTRITTI	11/04/08		
		Approved	GAG	11/04/08		
		Scale	Title		COMPRESSOR	
		S/E	3rd STAGE CONDENSER ASSEMBLY		Dwg:	
Date	Level					Sheet:





Fecha / Date	Nivel / Level	Dibujó / Designed / Diseño	Fecha / Date	Nomb. / Name	Conj. / Conj. / Conj. / Conj.	Logo
		Diseño / Diseño				
		Revisión / Revisión				
		Aprobado / Aprobado				
		Escala / Escala				
		S/E				
CONJUNTO CONDENSADOR DE ÚLTIMA ETAPA LAST STAGE CONDENSER ASSEMBLY CONJUNTO CONDENSADOR DE ÚLTIMA ETAPA			I.O.D.M. 115 - TODOS - I.O.D.M. 115 - ALL - I.O.D.M. 115 - TUDOS -			
COMPRESOR COMPRESOR COMPRESOR			Pl./Dwg./Des. Hoja/Sheet/Folio 1/2			

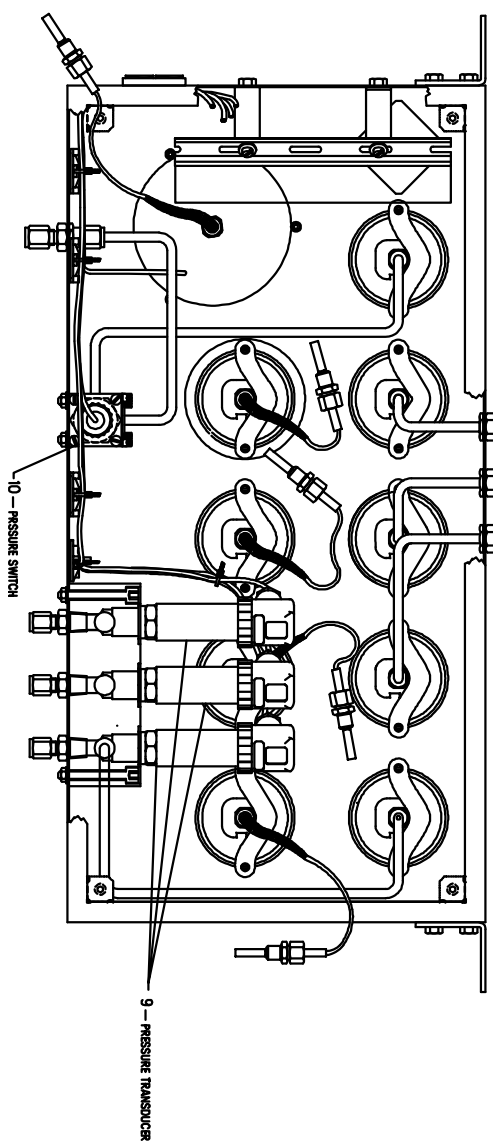
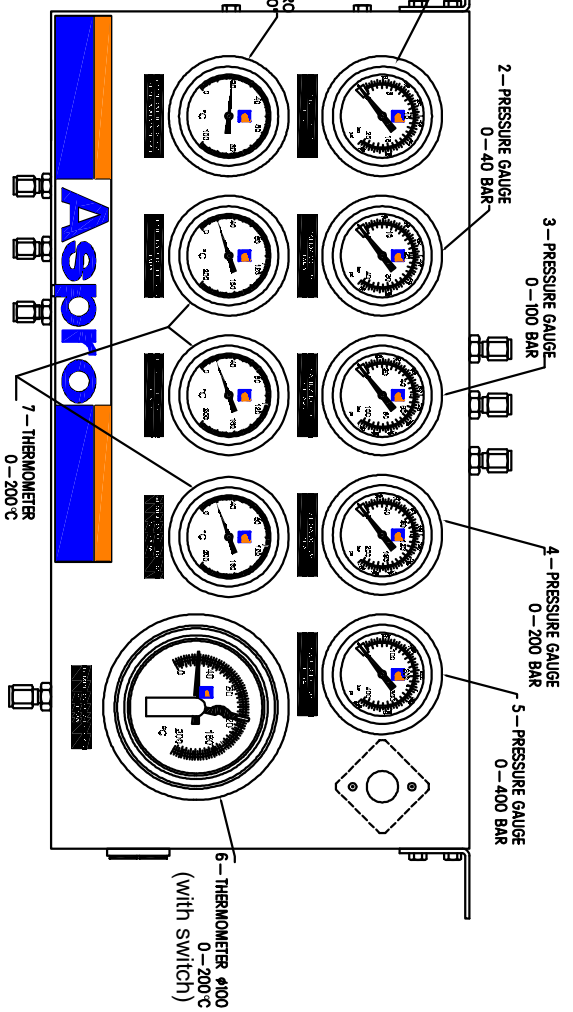
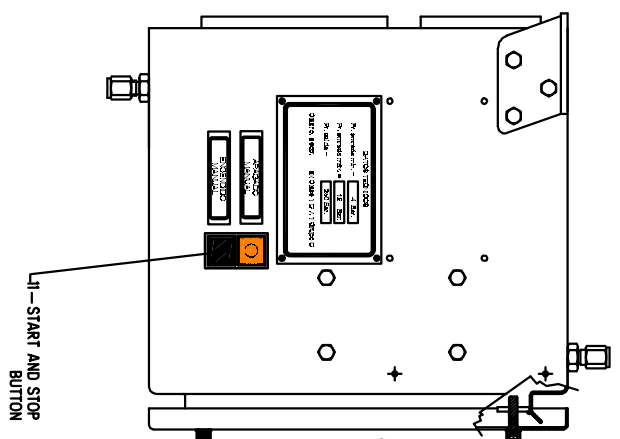
Dwg:

19	20949	Drain Valve	1		
18	20064	Fitin Connector	1		
17	15158-6	Stud Bolt	10		
16	15158-8	Stud Bolt	2		
15	1608	Stud Bolt	4		
14	16047-19	Cooper Washer	1		
13	15158-9	Cover	1		
12	20340	Screw	1		
11	32652	Pipe	1		
10	0246	Nut	1		
9	20340	Screw	1		
8	20279	Pipe	1		
7	20027	Nut	32		
6	20279	Washer	32		
5	22063	O'ring 2-129	1		
4	16047-5	Cooper Washer	1		
3	15158	Last Stage Condenser Body	1		
2	20150	O'ring 2-243	1		
1	20116	Coalescent Filter	1		

Item	Code (actual)	Designation	QTY	Code (new)	Remarks
------	---------------	-------------	-----	------------	---------

Part List

		Designed	Date	Name	Assembly I.O.D.M. 115 - ALL -	 
		Revised	A.E.M.			
		Approved	G.A.G.			
		Scale	Title			COMPRESSOR Dwg: Sheet: 2/2
		S/E	LAST STAGE CONDENSER ASSEMBLY			
Date	Level					



07/07/06	6654	Revisado / Revisado /	Fecha / Fecha /	Nombre / Nombre /	Conjunto / Con Juntas /	Componente / Componente /
07/07/06	6654	Revisado / Revisado /	21/09/06	I.O.D.M.	115-4R	
TABLERO DE INSTRUMENTOS INSTRUMENT PANEL						

COMPRESOR
COMPRESSOR

DELTA
COMPRESIÓN S.R.L.

Aspro
SING



P.V. Dwg / Des. 85064-11

Hojas / Hoja / Page

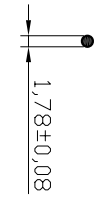
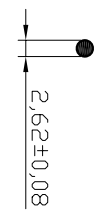
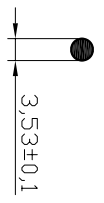
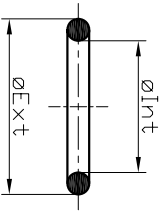
Dwg: 85064

12	23890	start and stop button			
10	20178	Last Stage Pressure Switches	1		
9	23869	Pressure Transducer or Pressure Switches	1		
8	20217	0-100° Thermometer	1		
7	20218	0-200° Thermometer	3		
6	21057	ø100 0-200° Thermometer (with switch)	1		
5	23581	0-400 Pressure Gauge	1		
4	23579	0-200 Pressure Gauge	1		
3	23578	0-100 Pressure Gauge	1		
2	21044-2	0-40 Pressure Gauge	1		
1	23608	0-20 Pressure Gauge	1		
Pos.	Code (act.)	Designation	Qty.	Code (new)	Remarks

Part List

			Date	Name	Assembly	 			
		Designed	C.L.A.	07/07/06	I.O.D.M. 115-4				
		Revised	SCALTRITT	11/04/08					
		Approved	GAG	11/04/08					
		Scale	Title			COMPRESSOR			
		S/E	<p style="text-align: center;">PANEL INSTRUMENT</p>			Dwg: 85064			
02/10/06	6972								Sheet:
Date	Level								

20156	2-155 Viton 75 sh O'ring	101.27	106.51	2.62	2	1st & 2nd Stage Valve threaded flange	NO
22058	2-036 Nitrilo 70 sh O'ring	60.05	63.61	1.78	2	Dil Level Sight Glass	NO
20794	2-020 Nitrilo 90sh O'ring	21.95	25.51	1.78	6	Dil Sight Glass	NO
20159	2-249 Viton 75 sh O'ring	123.42	130.48	3.53	1	2nd Stage Sealing Package-2nd Stage cylinder	YES
22069	L=825mm,Ø3mm 70 sh Nitrilo cord	--	--	3	4	Frame Acrylic Cover	NO
20465	2-149 Viton Sh 75 O'ring	71.12	76.36	2.62	2	3rd Stage Valve Grip	YES
20791	2-010 Nitrilo 90sh O'ring	6.07	9.63	1.78	1	Dil Gear Pump	NO
20574	2-130 Viton sh 75 O'ring	40.94	46.18	2.62	2	Last Stage Valve Grip	YES
20150	2-243 Viton SH 75 O'ring	104.37	111.43	3.53	1	Last Stage condenser flange	NO
22055	2-170 Nitrilo 70 sh O'ring	196.52	201.76	2.62	3	1st & 2nd Stage Sealing Package/Frame	NO
20163	2-267 Viton 75 sh O'ring	209.14	216.2	3.53	1	1st stage Sealing Package	NO
22163	2-040 Viton 90 Sh O'ring	72.75	76.31	1.78	2	1st position Seal Package cage	YES
20149	2-237 Viton SH 75 O'ring	85.32	92.38	3.53	4	1st cylinder cover/1st & 2nd stage outlet valve grip	YES
22059	2-124 Nitrilo 70 sh O'ring	31.42	36.66	2.62	4	Connecting rod pin and cover	NO
22162	2-008 Viton 90Sh O'ring	4.47	8.03	1.78	8	Seal Package Cage	YES
20160	2-253 Viton 75 SH O'ring	136.12	143.18	3.53	1	2nd Stage Sealing Package	NO
22063	2-129 Viton 75 sh O'ring	39.34	44.58	2.62	1	1st REN/Last Stage condenser flange	NO
20155	2-154 Viton 75 SH O'ring	94.92	100.16	2.62	1	2nd Stage Cylinder	NO
20573	2-248 Viton SH 75 O'ring	120.24	127.3	3.53	2	Last Stage Cylinder	NO
22062	2-037 Viton 90 sh O'ring	63.22	66.78	1.78	16	Sealing Package	YES
22057	2-043 Nitrilo 70 sh O'ring	88.62	92.18	1.78	3	Deflector ring/Sealing package flange	YES
22072	2-013 Nitrilo 70 sh O'ring	10.82	14.38	1.78	1	Dil Gear Pump	NO
22056	2-158 Nitrilo 70 sh O'ring	120.32	125.56	2.62	3	Bear Bearing Cover/Dil gear Pump	NO
20162	2-265 Viton 75 SH O'ring	196.44	203.5	3.53	3	1st Seal package-1st stage cylinder	YES
22053	2-175 Nitrilo 70 sh O'ring	228.27	233.51	2.62	2	Frame - Bear Bearing cover	NO
22054	2-177 Nitrilo 70 sh O'ring	240.97	246.21	2.62	1	Frame - Superior cover	NO
Code	Description	ØInt	Øext	Thickness	Quantity	Position	Kit

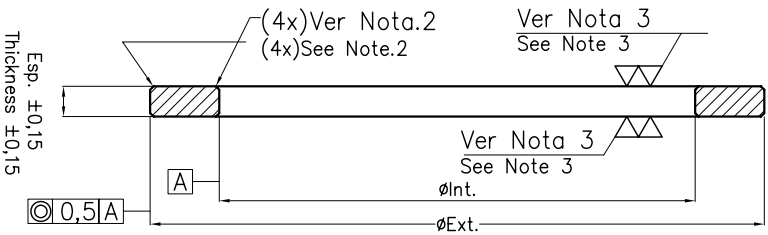


 COMPRESSION S.R.L.		 Aspro		gen. tolerances Lineal: Angular:		Scale: Material: SEE LIST Run: Material: SEE LIST Model: SEE LIST	
Date	29/08/03	Name	SENGER	Date	11/01/05	Kit:	Denomination: IODM 115-4R O'RING KIT
Drawn By	H.R.C.	Checked By	H.R.C.	Approved By	Norm	Drawing number:	
11/01/05	5558	26/03/04	5199	29/08/03	4879	17145	
Observations						Supersedes:	Replace By:



NOTAS:

- 1-MATERIAL: COBRE ELECTROLITICO EN BARRA ALTERNATIVA: CHAPA DE COBRE SEGUN ESPESOR
 - 2-EN TODOS LOS CASOS ELIMINAR FILOS Y REBABAS 0,2 x 45° EN DIAM. INTERIOR Y EXTERIOR
 - 3-MANTENER BUENA TERMINACION SUPERFICIAL EN LOS FRENTES DE APOYO.
 - 4 - TRATAMIENTO TÉRMICO : RECOCCIDO BLANDO LIBRE DE FISURAS , CASCARAS , ETC..
 - 5 - DEFORMACIONES DENTRO DE TOLERANCIAS.
 - 6 - DUREZA 60 HB MÁXIMO.
- NOTES:**
- 1-MATERIAL: ELECTROLYTIC COPPER IN BAR ALTERNATIVE: COPPER PLATE ACCORDING TO THICKNESS
 - 2-IN ALL THE CASES ELIMINATE 0.2 x 45° EDGES AND BURRS IN EXTERNAL AND INTERNAL DIAMETERS.
 - 3-KEEP A GOOD SURFACE TERMINATION ON THE BEARING FRONTS.
 - 4 - THERMAL TREATMENT: SOFT ANNEALING FREE OF FISSURES, SEDIMENTS, ETC.
 - 5 - DISTORTIONS WITHIN TOLERANCES.
 - 6 - MAXIMUM 60 HB HARDNESS.



SI	24	23	17	1,5	1	1	1	1	1	1	VER NOTA 1	VALVULA ANTIRETORNO A GAS	NON RETURN VALVE
SI	23										VER NOTA 1	PRESA VALVULA 1° ENTRADA	1° STG. CLAMP VALVE
NO	22	31	21	3	1	1	1	1	1	1	VER NOTA 1	BOMBA DE ACEITE (ENGRANAJE)	OIL PUMP (GEARS)
SI	20	32,5	27	1,5	1	1	1	1	1	-	VER NOTA 1	TERMOSTATO	TEMPERATURE SWITCH
SI	19	25,5	21,5	1,5	4	5	5	5	5	5	VER NOTA 1	TOMA TEMPERATURA	TEMPERATURE INLET
NO	18	21,5	17,1	1,5	2	2	2	2	2	2	VER NOTA 1	BOMBA A ENGRANAJES	GEAR PUMP
SI	17										VER NOTA 1	REG. ESPACIO NOCIVO 4 ETAPA	4° STG. NOXIOUS SPACE REG.
NO	16										VER NOTA 1	REG. ESPACIO NOCIVO 3 ETAPA	3° STG. NOXIOUS SPACE REG.
NO	15	92	77	1,5	-	1	1	1	1	-	VER NOTA 1	PRESA VALVULA SALIDA DE 2°	2° STG. CLAMP VALVE
NO	14	29,3	21,5	3	1	1	1	1	1	1	VER NOTA 1	BOMBA ENGRANAJES	GEAR PUMP
NO	13										VER NOTA 1	REG. ESPACIO NOCIVO	NOXIOUS SPACE REGULATOR
SI	12	36	30	3,5	---	5	3	3	3	1	VER NOTA 1	BRIDA PRESA VALVULA	CLAMP VALVE FLANGE
NO	11	42,5	36,5	3,5	---	2	2	2	2	-	VER NOTA 1	BRIDA REGULADOR ESP. NOC.	NOXIOUS SPACE REG. FLANGE
SI	10	19,8	13,5	1,5	6	5	6	6	6	6	VER NOTA 1	VALV. RET. ACEITE	OIL RETENTION VALVE
SI	9	50	41	1,5	4	2	2	2	2	1	VER NOTA 1	VALV. ANTIRETORNO(VER 1834)	NON RETURN VALVE (SEE 1834)
SI	8	88,2	80,2	1,5	---	2+1	2+1	2+1	2+1	2	VER NOTA 1	PRESA VALV.SAL. 1° Y 2° ET.	1° AND 2° STG. OUTLET CLAMP VALVE
SI	7	91,5	84,5	1,5	---	6	6	6	6	3	VER NOTA 1	VALVULAS 1° Y 2° ETAPA (PARA 115-4RR ES VALV. 2° ET.)	1° AND 2° STAGE VALVE (FOR 115-4RR IS 2° STG. VALVE)
SI	6	75	66,2	1,5	4	4	4	4	4	4	VER NOTA 1	VALV. 1° Y 2° ET. Y VALV. 3°	1°; 2° AND 3° STG. VALVE
SI	5	36	25	1,5	3	2	2	2	2	1	VER NOTA 1	SAL. Y ENT. ENF. 5° (115-4E) SAL. 4°	5° STG. COOLER INLET AND OUTLET (115-4E) 4° STAGE OUTLET
SI	4	59,5	41	1,5	7	3	6	6	6	6	VER NOTA 1	ENT. COND. 2° - ENT. ENF. 3°	2° STG. COND. INLET-3° STG. COOLER INLET
SI	3	45,8	34,5	1,5	4	4	4	4	4	4	VER NOTA 1	ENT. COND. 3° - ENT. ENF. 4°	3° STG. COND. INLET-4° STG. COOLER INLET
SI	2	74,5	50	1,5	6	4	4	4	4	4	VER NOTA 1	SAL. ENF. 3° - SAL. ENF. 2°	3° STG. COOLER OUTLET-2° STG. COOLER OUTLET
SI	1	86,5	63	1,5	2	2	2	2	2	2	VER NOTA 1	ENT. Y SAL. ULTIMA ETAPA	LAST STAGE INLET AND OUTLET
USO ACTUAL	1	86,5	63	1,5	2	2	2	2	2	2	MATERIAL	ESCAPE DE 2°	2° STAGE OUTLET
PRESENT	2	74,5	50	1,5	6	4	4	4	4	4	MATERIAL	ENTRADA ENF. 2°	2° STAGE COOLER INLET
	3	45,8	34,5	1,5	4	4	4	4	4	4	MATERIAL	SALIDA ENF. 1°	1° STAGE COOLER OUTLET
	4	59,5	41	1,5	7	3	6	6	6	6	MATERIAL	ENTRADA COND. 1°	1° STAGE CONDENSER INLET
	5	36	25	1,5	3	2	2	2	2	1	MATERIAL	SALIDA COND. DE 1°	1° STAGE CONDENSER OUTLET
	6	75	66,2	1,5	4	4	4	4	4	4	MATERIAL	ENTRADA ENF. 1°	1° STAGE COOLER INLET

16047

TITULO: **TABLA DE ARANDELAS**
RINGS TABLE

CONJUNTO/KIT: **I.O.D.M. 115**

FECHA: 06/99
W.D.B.
G.A.G.

ESCALA: 1:1
CANT. QUANTITY: 1xCOMP.



CALIBRACION DE VÁLVULAS DE SEGURIDAD. SAFETY VALVE CALIBRATION

I.O.D.M. 115-3-19 / I.O.D.M. 115-3-19L

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	25 Bar	31 Bar	20293	26101
1° ETAPA 1st STAGE	67 Bar	77 Bar	21188	26121
2° ETAPA 2nd STAGE	147 Bar	180 Bar	-----	26109
3° ETAPA 3th STAGE	250 Bar	289 Bar **	20299	26110

()** PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.

I.O.D.M. 115-3-12 / I.O.D.M. 115-3-12L

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	14 Bar	18Bar	20292	26100
1° ETAPA 1st STAGE	55 Bar	65 Bar	20318	26103
2° ETAPA 2nd STAGE	145 Bar	160 Bar	20296	26108
3° ETAPA 3th STAGE	250 Bar	289 Bar **	20299	26110

()** PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.

I.O.D.M. 115-4 / I.O.D.M. 115-4L

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	10 Bar	18 Bar	20292	26100
1° ETAPA 1st STAGE	26 Bar	31 Bar	20293	26101
2° ETAPA 2nd STAGE	65 Bar	70 Bar	20944	26104
3° ETAPA 3th STAGE	135 Bar	150 Bar	20945	26107
4° ETAPA 4th STAGE	250 Bar	289 Bar **	20299	26110

()** PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.

I.O.D.M. 115-4R / I.O.D.M. 115-4RL

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	8,5 Bar	18 Bar	20292	26100
1° ETAPA 1st STAGE	22 Bar	26 Bar	-----	26115
2° ETAPA 2nd STAGE	58 Bar	65 Bar	20318	26103
3° ETAPA 3th STAGE	125 Bar	150 Bar	20945	26107
4° ETAPA 4th STAGE	250 Bar	289 Bar **	20299	26110

()** PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.

I.O.D.M. 115-4RR

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	4 Bar	15 Bar	-----	26111
1° ETAPA 1st STAGE	17 Bar	21 Bar	-----	26112
2° ETAPA 2nd STAGE	46 Bar	54 Bar	-----	26113
3° ETAPA 3th STAGE	102 Bar	120 Bar	-----	26114
4° ETAPA 4th STAGE	250 Bar	289 Bar **	20299	26110

()** PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.

FE. EMISION (EMITION DATE) 8/04/03	INFORME (REPORT) 4699	REALIZÓ (MADE BY) M.P.E	VºBº Volk	REV./FECHA (REV/DATE) 27/04/09	INFORME (REPORT) 010	REALIZÓ (MADE BY) J.H.D.	VºBº/G.A.G.
---------------------------------------	--------------------------	----------------------------	--------------	-----------------------------------	-------------------------	-----------------------------	-------------

CALIBRACION DE VÁLVULAS DE SEGURIDAD. SAFETY VALVE CALIBRATION

I.O.D.M. 70-3-19

	PRESIÓN DE TRABAJO PRESSURE WORK	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	19 Bar	26 Bar	-----	26115
1° ETAPA 1st STAGE	60 Bar	77 Bar	-----	26121
2° ETAPA 2nd STAGE	150 Bar	165 Bar	-----	26122
3° ETAPA 3th STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

I.O.D.M. 70-3-12

	PRESIÓN DE TRABAJO PRESSURE WORK	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	12 Bar	18 Bar	-----	26100
1° ETAPA 1st STAGE	55 Bar	70 Bar	-----	26104
2° ETAPA 2nd STAGE	150 Bar	165 Bar	-----	26122
3° ETAPA 3th STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

I.O.D.M. 70-4

	PRESIÓN DE TRABAJO PRESSURE WORK	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	8 Bar	15 Bar	-----	26111
1° ETAPA 1st STAGE	28 Bar	31 Bar	-----	26101
2° ETAPA 2nd STAGE	70 Bar	77 Bar	-----	26121
3° ETAPA 3th STAGE	130 Bar	150 Bar	-----	26107
4° ETAPA 4th STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

I.O.D.M. 70-4R

	PRESIÓN DE TRABAJO PRESSURE WORK	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	5 Bar	15 Bar	-----	26111
1° ETAPA 1st STAGE	23 Bar	26 Bar	-----	26115
2° ETAPA 2nd STAGE	70 Bar	77 Bar	-----	26121
3° ETAPA 3th STAGE	130 Bar	150 Bar	-----	26107
4° ETAPA 4th STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

I.O.D.M. 70-2-40

	PRESIÓN DE TRABAJO PRESSURE WORK	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	60 Bar	65 Bar	-----	26103
1° ETAPA 1st STAGE	150 Bar	160 Bar	-----	26108
2° ETAPA 2nd STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

FE. EMISIÓN (EMITION DATE) 8/04/03	INFORME (REPORT) 4699	REALIZÓ (MADE BY) M.P.E	VºBº Volk	REV./FECHA (REV/DATE) 27/04/09	INFORME (REPORT) 010	REALIZÓ (MADE BY) J.H.D.	VºBº/G.A.G.
--	--------------------------	----------------------------	--------------	--------------------------------------	-------------------------	-----------------------------	-------------

CALIBRACION DE VÁLVULAS DE SEGURIDAD. SAFETY VALVE CALIBRATION

I.O.D.M. 70-5-4R

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	1 Bar	5 Bar **	-----	26126
PRECOMPRESOR PRECOMPRESSOR	3,5 Bar	10 Bar **	-----	26116
1° ETAPA 2nd STAGE	23 Bar	26 Bar	-----	26115
2° ETAPA 1st STAGE	70 Bar	77 Bar	-----	26121
3° ETAPA 2nd STAGE	130 Bar	150 Bar	-----	26107
4° ETAPA 2nd STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR:
VALVULA DE 5 BAR +3% COD. 120232 EN EL PULMON;
VALVULA DE 10 BAR +3% COD. 24010-1 EN EL PRECOMPRESOR Y
COLOCAR VALVULA DE 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110.
COMPRESSORS FOR EUROPEAN COMMUNITY (CE) MUST HAVE :
BLOW DOWN TANK SAFETY VALVE SETED AT 5 Bar +3% CODE 120232 ;
PRECOMPRESSOR SAFETY VALVE SETED AT 10 Bar +3% CODE 24010-1 AND
THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110 .**

I.O.D.M. 70-5-4TR

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	0,4 Bar	5 Bar **	-----	26126
PRECOMPRESOR PRECOMPRESSOR	3 Bar	10 Bar **	-----	26116
1° ETAPA 2nd STAGE	23 Bar	26 Bar	-----	26115
2° ETAPA 1st STAGE	70 Bar	77 Bar	-----	26121
3° ETAPA 2nd STAGE	130 Bar	150 Bar	-----	26107
4° ETAPA 2nd STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR:
VALVULA DE 5 BAR +3% COD. 120232 EN EL PULMON;
VALVULA DE 10 BAR +3% COD. 24010-1 EN EL PRECOMPRESOR Y
COLOCAR VALVULA DE 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110.
COMPRESSORS FOR EUROPEAN COMMUNITY (CE) MUST HAVE :
BLOW DOWN TANK SAFETY VALVE SETED AT 5 Bar +3% CODE 120232 ;
PRECOMPRESSOR SAFETY VALVE SETED AT 10 Bar +3% CODE 24010-1 AND
THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110 .**

I.O.D.M. 70-5-4M

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	0,5 Bar	5 Bar **	-----	26126
PRECOMPRESOR PRECOMPRESSOR	4 Bar	10 Bar **	-----	26116
1° ETAPA 2nd STAGE	15 Bar	26 Bar	-----	26115
2° ETAPA 1st STAGE	40 Bar	77 Bar	-----	26121
3° ETAPA 2nd STAGE	90 Bar	150 Bar	-----	26107
4° ETAPA 2nd STAGE	250 Bar	289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR:
VALVULA DE 5 BAR +3% COD. 120232 EN EL PULMON;
VALVULA DE 10 BAR +3% COD. 24010-1 EN EL PRECOMPRESOR Y
COLOCAR VALVULA DE 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110.
COMPRESSORS FOR EUROPEAN COMMUNITY (CE) MUST HAVE :
BLOW DOWN TANK SAFETY VALVE SETED AT 5 Bar +3% CODE 120232 ;
PRECOMPRESSOR SAFETY VALVE SETED AT 10 Bar +3% CODE 24010-1 AND
THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110 .**

FE. EMISION (EMITION DATE) 8/04/03	INFORME (REPORT) 4699	REALIZO (MADE BY) M.P.E	VºBº Volk	REV./FECHA (REV/DATE) 27/04/09	INFORME (REPORT) 010	REALIZO (MADE BY) J.H.D.	VºBº/G.A.G.
--	--------------------------	----------------------------	--------------	--------------------------------------	-------------------------	-----------------------------	-------------

CALIBRACION DE VÁLVULAS DE SEGURIDAD. SAFETY VALVE CALIBRATION

I.O.M. 200-3-F/200-3-L

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK		18 Bar	20292	26100
1° ETAPA 1st STAGE		65 Bar	20318	26103
2° ETAPA 2nd STAGE		160 Bar	20296	26108
3° ETAPA 3th STAGE		289 Bar **	20299	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

I.O.M. 200-2-L-50

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK		31 Bar	20293	26101
1° ETAPA 1st STAGE		115 Bar	20946	26106
2° ETAPA 2nd STAGE		289 Bar **	20299	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

I.O.D.M. 115-5-3-12

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	8 Bar	10 Bar	-----	26116
PRECOMPRESOR PRECOMPRESSOR	14 Bar	18Bar	20292	26100
1° ETAPA 1st STAGE	55 Bar	65 Bar	20318	26103
2° ETAPA 2nd STAGE	145 Bar	160 Bar	20296	26108
3° ETAPA 3th STAGE	250 Bar	289 Bar **	20299	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

I.O.D.M. 115-5-3-19

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	8 Bar	10 Bar	-----	26116
PRECOMPRESOR PRECOMPRESSOR	19 Bar	31Bar	20293	26101
1° ETAPA 1st STAGE	67 Bar	77 Bar	21188	26121
2° ETAPA 2nd STAGE	147 Bar	180 Bar	-----	26109
3° ETAPA 3th STAGE	250 Bar	289 Bar **	20299	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY VALVE SETED AT 275Bar + 3 % CODE 26019; SUBSTITUTING THE VALVE 289 BAR CODE 26110.**

115-5-4R

	PRESIÓN DE TRABAJO WORK PRESSURE	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK	8 Bar	10 Bar	-----	26116
PRECOMPRESOR PRECOMPRESSOR	8,5 Bar	18 Bar	20292	26100
1° ETAPA 1st STAGE	22 Bar	26 Bar	-----	26115
2° ETAPA 2nd STAGE	58 Bar	65 Bar	20318	26103
3° ETAPA 3th STAGE	125 Bar	150 Bar	20945	26107
4° ETAPA 4th STAGE	250 Bar	289 Bar **	20299	26110

FE. EMISIÓN (EMISSION DATE) 8/04/03	INFORME (REPORT) 4699	REALIZÓ (MADE BY) M.P.E	VºBº Volk	REV./FECHA (REV/DATE) 27/04/09	INFORME (REPORT) 010	REALIZÓ (MADE BY) J.H.D.	VºBº G.A.G.
--	--------------------------	----------------------------	--------------	-----------------------------------	-------------------------	-----------------------------	-------------

CALIBRACION DE VÁLVULAS DE SEGURIDAD. SAFETY VALVE CALIBRATION

I.O.D.M. 115-2-30

	PRESIÓN DE TRABAJO PRESSURE	WORK	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON BLOW DOWN TANK			54 Bar	-----	26113
1° ETAPA 1st STAGE			180 Bar	-----	26109
2° ETAPA 2nd STAGE			289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA ETAPA ; SUSTITUYENDO LA VALVULA 289 BAR COD 26110. COMPRESSORS FOR EUROPEAN COMUNITY (CE) MUST HAVE THE LAST STAGE SAFETY**

I.O.D.M. 115-2-30-C75

	PRESIÓN DE TRABAJO PRESSURE	WORK	RANGO DE CALIBRACION CALIBRATION RANGE	COD.VALVULAS COMPRADAS BOUGHT VALVES CODE	COD.VALVULAS FABRICADAS MANUFACTURED VALVES CODE
PULMON			70 Bar	-----	26104
1° ETAPA			180 Bar	-----	26109
2° ETAPA 2nd STAGE			289 Bar **	-----	26110

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA**

*** TOLERANCIA DE CALIBRACIÓN ± 3%, SEGÚN LO ESTABLECIDO EN LA NORMA - ASME VIII UG 135 -**

() PARA COMPRESORES DESTINO COMUNIDAD EUROPEA (CE) SE DEBERA COLOCAR VALVULA 275 BAR +3% COD. 26019 EN ULTIMA**

FE. EMISION (EMITITION DATE) 8/04/03	INFORME (REPORT) 4699	REALIZO (MADE BY) M.P.E	V°B° Volk	REV./FECHA (REV/DATE) 27/04/09	INFORME (REPORT) 010	REALIZO (MADE BY) J.H.D.	V°B°/G.A.G.
--	--------------------------	----------------------------	--------------	--------------------------------------	-------------------------	-----------------------------	-------------

**MOTORES & VENTILADORES
MOTORS AND FANS
COMPRESORES IODM**

ALCANCE / SCOPE

- *Compresores IODM 115 / 70. Compressors IODM 115/70.*
- *Aplicable en equipos IODM 115 e IODM 70 trabajando bajo frecuencias de 50/60Hz con aplicación STD y con cabina acústica. Applicable to IODM 115 and IODM 70 for 50/60 Hz with STD application and with acoustic enclosure.*

DESCRIPCION DESCRIPTION

Se documentan las variantes aplicables de “**HELICES**” para los sistemas de enfriamientos, considerando para ello la potencia del motor eléctrico, la frecuencia y la utilización de la cabina acústica. Under are showed the options of “**HELIXES**” for cooler systems, taken into account the motor out power, frequency and acoustic enclosure use.

APLICACIÓN APPLICATION	MOTORES - POTENCIAS MOTORS- POWER				
	2,2 Kw	3 Kw	5,5 Kw	7,5 Kw	11 Kw
50 HZ -	7 / 40°	7 / 40°	12 / 37°30	12 / 37°30	16 / 37°30
50 HZ – CABINA ACOUSTIC ENCLOSURE	7 / 40°	S/A	N/A	12 / 37°30	16 / 37°30
60 HZ -	7 / 25°	S/A	8 / 35°	12 / 37°30	16 / 37°30
60 HZ – CABINA ACOUSTIC ENCLOSURE	7 / 25°	S/A	N/A	12 / 30°	16 / 37°30
	HELICE - N° ASPAS & ANGULO HELIX-BLADES N° AND ANGLE				

27/11/07	000	P.G.R	G.A.G.	---	----	----	----
FECHA EMISION	REVISIÓN	REALIZO	V°B°	REV./FECHA	INFORME	REALIZO	V°B°



**ESPECIFICACIÓN DE INGENIERÍA
ENGINEERING SPECIFICATION**

N° E.I.0180

E.S Nr 0180

MOTORES & VENTILADORES

MOTORS AND FANS

COMPRESORES IODM

Pag. 2 de/to 2

Page

NOTAS ACLARATORIAS: CLARIFYING NOTES

- En aquellos casos en los cuales se detalla “**N/A**”, corresponde a una aplicación aún no realizable ó bien ensayada con resultados no satisfactorios. *On those cases on which “N/A” is detailed, apply to a non feasible case or a tested one with non satisfactory results.*
- En aquellos casos en los cuales se detalla “**S/A**”, corresponde a una aplicación sin un análisis realizado aún. *On those cases on which “S/A” are detailed, apply to cases without an analysis done yet.*

27/11/07	000	P.G.R	G.A.G.	---	----	----	----
FECHA EMISION	REVISIÓN	REALIZO	V°B°	REV./FECHA	INFORME	REALIZO	V°B°