



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
1		18AE003001		BOMBA CENTRIFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.	BOMBA		F	1.00					
2		18AE0030-BS		BOMBA PUNTA/EJE LIBRE - 3X9 DMXH 10@6 ET. - MET.S-6	CASE ASSEMBLY	CU	F	1.00					
3		18AE0026-0A		CONJUNTO CUERPO COMPLETO 3X9 DMXH 10 ET.	CASE ASSEMBLY	CU	F	1.00					
4		11177524	11177524	ENSAMBLE CUERPO COMPLETO 3X9 DMXH 10 ET.	CASE ASSEMBLY	CU	F	1.00					
5	1210	11177525	11177525	MECANIZADO CUERPO MITAD INFERIOR 3X9 DMXH 10 ET.	CASE ASSEMBLY	CU	F	1.00	A900848/-	C3009=ASTM A216 Gr. WCB, C 0.3 max. / Mn 1 max. / P 0.04 max. / S 0.045 max. / Si 0.6 max. / (Specified residual elements : Cu 0.3 max. / Ni 0.5 max. / Cr 0.5 max. / Mo 0.2 max. / V 0.05 max.)			
6		11177232	11177232	FUNDICION CUERPO MITAD INFERIOR 3X9 DMXH 10 ET.	CASING CASTING	CU	C	1.00	A900847 GS-18AE0026-30 PS-3000/-	ER = C3009=A216 GR WCB			
5	1210	11177541	11177541	MECANIZADO CUERPO MITAD SUPERIOR 3X9 DMXH 10 ET.	CASE ASSEMBLY	CU	F	1.00	A900848/-	C3009=ASTM A216 Gr. WCB, C 0.3 max. / Mn 1 max. / P 0.04 max. / S 0.045 max. / Si 0.6 max. / (Specified residual elements : Cu 0.3 max. / Ni 0.5 max. / Cr 0.5 max. / Mo 0.2 max. / V 0.05 max.)			
6		11177233	11177233	FUNDICION CUERPO MITAD SUPERIOR 3X9 DMXH 10 ET.	CASING CASTING	CU	C	1.00	A900846 GS-18AE0026-30 PS-3000/-	ER = C3009=A216 GR WCB			
5	6572.1	A20009AC	11189249	ESPARRAGO 2"-8UNC L=228.6 MM	STUD	CU	C	36.00	A407057/D	AC = M3003=A193 GR B7	Lg= 215 mm		
5		A20012AC	11189254	ESPARRAGO 2"-8 UN	STUD	CU	C	2.00		AC = M3003=A193 GR B7	Lg= 300 mm		
5	6680.1	10126899	10126899	TUERCA CIEGA 2"-8UN-3B	CAP NUT	CU	C	38.00	H200022-09/C	VB = M3015=A194 GR 7			
5	2905.1	62008073	60008073	ARANDELA PLANA 2"	WASHER	CU	C	38.00	62008073/M	EJ = D9853=AlSi 1010-25 HT			
5	6810.2	AA642513EK	11193879	ESPIÑA CÓNICA #13	DOWEL PIN	CU	F	2.00	AA6425/0	EK=D3014=AlSi 1038/45	Lp=322 mm		
6		BARRACILEK38		BARRA CILINDRICA D=38	ROUND BAR	MM	C	300.00		EK=D3014=AlSi 1038/45			
5		4F4824EM	11148706	TUERCA HEXAGONAL 1-1/8" 7UNC	HEX NUT	CU	C	2.00		EM = M3015=A194 CL 2H	Para espina conica N°13		
5		CANRE0074	11203331	CAÑO REDONDO Ø1-1/2" SCH.160 S/COSTURA	PIPE	M	C	2.50		D6 = D301=A 106 Gr B			
5		CANRE0075	11203332	CAÑO REDONDO Ø3/4" SCH.160 S/COSTURA	PIPE	M	C	1.50		D6 = D301=A 106 Gr B			

Nota 18AE0030 - YPF B
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3X9 DMXH 10@6 Et. [MET:S6]



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5		CANRE0076	11203333	CAÑO REDONDO Ø1/2" SCH.160 S/COSTURA	PIPE	M	C	1.00		D6 = D301=A106 Gr B	Rev. 1. Se agrega.		
5		ACCBR0086	11195605	BRIDA 3/4" WN RT J 1500# SCH.160	FLANGE	CU	C	7.00		EN = D3008=A105	Rev. 1. Se modifica cantidad, era 5		
5		ACCBR0267	11235367	BRIDA ANSI 11/2" WN 1500# RTJ SCH.160	FLANGE	CU	C	2.00		EN = D3008=A105	Rev. 1. Se agrega.		
5	6570.11	TOCAC006834	11226483	TORNILLO CAB.CUAD. 3/4"-10UNC x 152.4	CAP SCREW	CU	C	2.00		34 = M8011=ALSI J429 GR 5HT			
5		PLAEH0007	11218296	PLACA ANCHO 1" ESPESOR 1/4"	PLATE	M	C	2.00	PLAEH0007M	EH = D8652=ALSI 1010-25	Refuerzo para drenaje y venteo		
4	4590	11177527	11177527	JUNTA DE CUERPO BOMBA 3X9 DMX 10ET.	GASKET	CU	C	1.00	A900850/-	E5 = J0056=ARMSTRONG TN 9004	(1490 x 600 x 0.4 esp.) mm		1
4		6084539	11178616	CUBIERTA DE BRIDA 6"-1500#	FLANGE COVER	CU	F	1.00					
5		4100308	11143893	PLACA CUBRE BRIDA Ø394x4.8ESP	FLANGE COVER	CU	C	1.00	3G-2572BJ/M	EH = D8652=ALSI 1010-25			
5		4R4826EM	11148712	TUERCA HEX. 1-3/8"-6UNC	HEX NUT	CU	C	4.00	4R4826/M	EN = M3013=A194 CL 2H			
5		6052422	11178494	JUNTA Ø279x1.8ESP	GASKET	CU	C	1.00	3G-2572BJ/M	IS = L0003=GOMA COMERCIAL			
5		95958484	95958484	TORNILLO CAB. HEXAGONAL 1-3/8"-6UNC-2A x152.4mm	CAP SCREW	CU	C	4.00		34 = M8011=ALSI J429 GR 5HT			
4		6101894	11178684	CUBIERTA DE BRIDA 3"-1500#	FLANGE COVER	CU	F	1.00					
5		4217716	11144118	PLACA CUBRE BRIDA Ø267x4.8ESP	FLANGE COVER	CU	C	1.00	3G-2572AP/M	EH = D8652=ALSI 1010-25			
5		4217717	11144119	JUNTA Ø171x1.8ESP	GASKET	CU	C	1.00	3G-2572AP/M	IS = L0003=GOMA COMERCIAL			
5		4R4824EM	11148706	TUERCA HEXAGONAL 1-7/8" 7UNC	HEX NUT	CU	C	4.00		EN = M3013=A194 CL 2H			
5		95620662	95620662	TORNILLO CAB. HEXAGONAL 1-7/8"-7UNC-2A x114.3mm	CAP SCREW	CU	C	4.00		34 = M8011=ALSI J429 GR 5HT			
3		18AE0030-0B		CONJUNTO ELEMENTO ROTATIVO 3X9 DMX 10@6 ET.	ROTOR ASSY	CU	F	1.00					
4		11177528	11177528	KIT EJE DE BOMBA 3X9 DMX 10 ET.	SHAFT ASSEMBLY	CU	F	1.00					

Nota 18AE0030 - YPF B
Lista de materiales
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5	2100	11177529	11177529	EJE DE BOMBA 3X9 DMX 10 ET.	SHAFT	CU	F	1.00	A900851/C	AB = D3114=A434 CL BCTP 4140-45			3
6		BARRACILAB85		BARRA CILINDRICA D=85	ROUND BAR	MM	C	2,550.00		AB = D3114=A434 CL BCTP 4140-45			
5	6700.1	C01818CB	11177542	CHAVETA CUADRADA 4.8 X 4.8	KEY	CU	C	20.00	A401089/0	CB = D9050=ASI 418	L= 42.3mmMontar para impulsores Rev.2. Cambia cantidad, eran 9.		
5	6700.5	C01822CB	11178513	CHAVETA 4.8x4.8	KEY	CU	F	2.00	A401089/0	CB = D9050=ASI 418	L=52.5. Montar en camisa central. Rev. 2. Reemplaza a item C01827CB		
5	6700.7	C03716CK	11202638	CHAVETA 3/8"x76	KEY	CU	C	2.00	A401089/0	OK =D2067= ASI 118-8	L=74.7mm. ROE Rev.2. Reemplaza a item C06211EK		
4	2200.1	11177530	11177530	IMPULSOR 3X9 DMX	IMPELLER	CU	F	1.00	A900852/M	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)	1° ETAPA		
5		11177235	11177235	FUNDICION IMPULSOR 3X9 DMX LH	IMPELLER CAST	CU	C	1.00	A702416 GS-18AE0026-30 PS-3000/-	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)			
4	2200.4	11177533	11177533	IMPULSOR 3X9 DMX	IMPELLER	CU	F	1.00	A900855/M	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)	4° ETAPA		
5		11177235	11177235	FUNDICION IMPULSOR 3X9 DMX LH	IMPELLER CAST	CU	C	1.00	A702416 GS-18AE0026-30 PS-3000/-	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)			
4	2200.5	11177534	11177534	IMPULSOR 3X9 DMX	IMPELLER	CU	F	1.00	A900856/M	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)	5° ETAPA		
5		11177235	11177235	FUNDICION IMPULSOR 3X9 DMX LH	IMPELLER CAST	CU	C	1.00	A702416 GS-18AE0026-30 PS-3000/-	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)			
4	2200.6	11177535	11177535	IMPULSOR 3X9 DMX	IMPELLER	CU	F	1.00	A900857/M	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)	6° ETAPA		
5		11177234	11177234	FUNDICION IMPULSOR 3X9 DMX RH	IMPELLER CAST	CU	C	1.00	A702415 GS-18AE0026-30 PS-3000/-	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)			
4	2200.9	11177538	11177538	IMPULSOR 3X9 DMX	IMPELLER	CU	F	1.00	A900860/M	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)	9° ETAPA		
5		11177234	11177234	FUNDICION IMPULSOR 3X9 DMX RH	IMPELLER CAST	CU	C	1.00	A702415 GS-18AE0026-30 PS-3000/-	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)			
4	2200.10	11177539	11177539	IMPULSOR CENTRAL 3X9 DMX	IMPELLER	CU	F	1.00	A900861/M	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)	10° ETAPA		
5		11177234	11177234	FUNDICION IMPULSOR 3X9 DMX RH	IMPELLER CAST	CU	C	1.00	A702415 GS-18AE0026-30 PS-3000/-	C3032= ASTM A487 Gr. C48NM Cl. A (Martensitic Chromium Nickel)			
4		18AE0030-ISS		HOJA DE CORTE	IMPELLER SHEET	CU	F	1.00	HC18AE0030/				

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4		11177567	11177567	CAMISA DE DESTAGEO	DESTAGE SLV	CU	C	2.00	A105182/0	AL = D3233=A79 TP 410	Colocar en la 2° y 7° etapa		
4		11177569	11177569	CAMISA DE DESTAGEO	DESTAGE SLV	CU	C	2.00	A105183/0	AL = D3233=A79 TP 410	Colocar en la 3° y 8° etapa		
4		11177570	11177570	BUJE DE DESTAGEO	DESTAGE BUSH	CU	F	2.00	3X10DA352AXM3/0	AL = D3233=A79 TP 410	Colocar en la 2°, 3°, 7° y 8° etapa		
4	1500.1/2	06087472	06087472	ARO ROZANTE DE CUERPO 3X10DMX		CU	F	10.00	537D6PX2/M	E6 = D4011=IR 655			2
5		BARRACILOA165		BARRA CILINDRICA D=165	ROUND BAR	MM	C	30.00		OA =D3070= A276 TIPO 420			
4	1500.3	11169553	11169553	ARO ROZANTE CUERPO POSTERIOR 3X10DMX	WEAR RING CASE	CU	F	5.00	3X10DA487AX1/M	E6 = D4011=IR 655	La materia prima se pidió con item 10192502 REV4: SE DISMINUYE CANTIDAD		2
5		62490280	62490280	FUNDICION ARO ROZANTE CUERPO POST.3X10DA	WEAR RING CAST	CU	C	2.00	3X10DA60B/B	J2=C4078=ASTM A793 Gr CA40			
5		4N017400B	11145026	TORNILLO ALLEN CABEZA CILINDRICA 1/4"-20UNC x 32Lg.	CAP SCREW	CU	C	2.00	4N01740/	D8 = D9051=AISI 316			
5	6812	670451DB	11181631	PIN Ø4.8 x 13	PIN	CU	C	2.00	670451/A	D8 = D9051=AISI 316			
6		BARRACILDB4.75		BARRA CILINDRICA Ø4.75	ROUND BAR	MM	C	43.00		D8 = D9051=AISI 316			
4		11178759	11178759	ARO ESPECIAL DE CUERPO	WEAR RING	CU	F	1.00	A702499/-	R6=IR 655 (CON LASER INTERIOR)	PARA PRIMERA ETAPA DE ALTA REV4: ANADIDO		
5		BARRACILOA150		BARRA CILINDRICA Ø150		MM	C	75.00		OA =D3070= A276 TIPO 420			
4	2450	11178511	11178511	CAMISA CENTRAL 3X10DMX	SLV CENTER	CU	F	1.00	3X10DA408AXM7/0	R7=IR 655 (CON LASER EXTERIOR)	Rev. 2. Reemplaza a item 11152272		2
4	1600	11168380	11168380	BUJE CENTRAL 3X10DMX	CENTER BUSHING	CU	F	1.00	3X10DA407BXM12/0	E7 = C4016=IR 913	La materia prima se pidió con item 11151966		2
5		62789920	62789920	FUNDICION BUJE CENTRAL 3X10DA	CENTER BUSH	CU	C	2.00	3X10DA407B/O	J2=C4078=ASTM A793 Gr CA40			
5		4N017400B	11145026	TORNILLO ALLEN CABEZA CILINDRICA 1/4"-20UNC x 32Lg.	CAP SCREW	CU	C	2.00	4N01740/	D8 = D9051=AISI 316			
5		670451DB	11181631	PIN Ø4.8 x 13	PIN	CU	C	2.00	670451/A	D8 = D9051=AISI 316			
6		BARRACILDB4.75		BARRA CILINDRICA Ø4.75	ROUND BAR	MM	C	43.00		D8 = D9051=AISI 316			

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4	2430	11178512	11178512	DISCO DE BALANCEO 3X10DMX	BALANCE SLV	CU	F	1.00	3X10DA440BXM1 5/0	R7=IR 655 (CON LASER EXTERIOR)	Rev. 2. Reemplaza a Item 11155488		2
4	1630	11165731	11165731	BLUE DE GARGANTA 3X10DMX ESPECIAL	THROAT BUSH	CU	F	1.00	3X10DA441DXM1 7/0	E6 = D4011=IR 655			2
4	4132	62036751	62036751	BLUE CAJA PRENSAESTOPAS 3X10DMX	STUFF BOX BSHG	CU	C	2.00	62036751 REV B/M	C8 = D9050=ASI 416			
5		BARRACILCB140		BARRA CILINDRICA Ø=140mm	ROUND BAR	MM	C	50.00		C8 = D9050=ASI 416			
4	2531	62007919	62007919	ANILLO PARTIDO 4X10DA	SPLIT RING	CU	C	1.00	264D252AX1 REV O/M	C8 = D9050=ASI 416			
5		BARRACILCB89		BARRA CILINDRICA D=89	ROUND BAR	MM	C	35.00		C8 = D9050=ASI 416			
4	2531.1	11177540	11177540	ANILLO PARTIDO 3X9 DMX	SPLIT RING	CU	F	10.00	A105172M	C8 = D9050=ASI 416			
5		RAWMATERIALUNASSIGNED		RAW	RAW	CU	C	1.00					
4	7411	AB1068N13EM	11194761	TUERCA DE SUJECCIÓN N°13	LOCKNUT	CU	C	1.00	AB1068N13/B	EM = M3013-A194 CL 2H			
5		BARRACILEM95		BARRA CILINDRICA Ø95mm	ROUND BAR	MM	C	50.00		EM = M3013-A194 CL 2H			
4	6541	AB1068W1336	11194773	ARANDELA DE SEGURIDAD W13	LOCKWASHER	CU	C	1.00	AB1068/B	36 = CARBON STEEL CADMIUM PLATE			
4	6812.1	670425DB	11181612	PIN Ø3.2 x 12.7	PIN	CU	C	20.00	670425/0	D8 = D9051=ASI 316			
4	6812.2	670451DB	11181631	PIN Ø4.8 x 13	PIN	CU	C	2.00	670451/A	D8 = D9051=ASI 316			
5		BARRACILDB4.75		BARRA CILINDRICA Ø4.75	ROUND BAR	MM	C	43.00		D8 = D9051=ASI 316			
3		18AE0026-0C		CONJUNTO SOPORTE DE COJINETES	BEARING ASSY	CU	F	1.00					
4		11177544	11177544	SOPORTE DE COJINETE RADIAL DMX - SERIE 250 360° SLV/BALL - CON CARTER	BEARING HOUSING	CU	F	1.00					
5	3200.1	11177545	11177545	SOPORTE RADIAL DMX 250 - 360° SLEEVE	BEARING HOUSING	CU	F	1.00	250B196AXM1/0	ER = C3009-A316 GR WCB			
6		11177239	11177239	FUNDICION TAPA SOP. COJ. RADIAL	BRG HSG CAST	CU	C	1.00	A702413/	ER = C3009-A316 GR WCB			

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6		11177240	11177240	FUNDICION CUERPO SOP. COJ. RADIAL	BRG HSG CAST	CU	C	1.00	250B21EA/	ER = C3008=A216 GR WCB			
6		4R3189EN	11148231	CANCAMO 1/2"UNC-13	EYE BOLT	CU	C	1.00	4R3189/M	EN = D3008=A105			
6	6570.26	4R2898AC	11148092	TORNILLO CAB HEX 1/2"-13 UNC x 38.1	CAP SCREW	CU	C	6.00	0000-0610-30-G/-	AC = M3003=A193 GR B7			
6		A101984EH	11188162	PIN Ø9.5 x 19.1mm Lg.	PIN	CU	F	2.00	A101864/0	EH = D8652=ASI 1010-25			
7		BARRACILEH18		BARRA CILINDRICA D=18	ROUND BAR	MM	C	49.00		EH = D8652=ASI 1010-25			
6	6810.1	AA757409EH	11194451	ESPIÑA CONICA #9	DOWEL PIN	CU	C	2.00	AA7574/A	EH = D8652=ASI 1010-25	Lg=76mm		
6	6580.5	4R6597EM	11170086	TUERCA HEX. 9/16"-12 UNC	HEX NUT	CU	C	2.00		EN = M3013=A194 CL 2H	Para espina N° 9		
5	2540.1/2	06068480	06068480	DEFLECTOR DMX	FLINGER	CU	C	2.00	250B157FX8/M	EX = F3019=B584 AL905/B271 AL905			
5	3020	11177546	11177546	COJINETE BABBIT	JOURNAL SLV	CU	C	1.00	275B191LXM1/0	KZ = Z0227=ASI 40-BABBITT			
5	3861.1	11177547	11177547	ANILLO ACEITERO	OIL RING	CU	C	2.00	A105173/A	ID = F3056=ASI 621	Rev. 1. Utilizar revision A		
5	6521	A100648EH	11187214	TAPON RESPIRADERO 1/2"-14 NPT	BREATHER PLUG	CU	C	1.00	A100648/B	EH = D8652=ASI 1010-25			
5	6570.3	4R1047CI	11170083	PRISIONERO PC 1/4"-20 UNC x 19	SET SCREW	CU	C	6.00	0000-0605-25-G/-	CI = Z0M63=ACERO ALEADO RECUBIERTO			
5	6569.3	4R2999EH	11170084	TAPON CABEZA HEXAGONAL 1/4"-18 NPT	PLUG	CU	C	3.00	4R2999/0	EH = D8652=ASI 1010-25			
5	6569.3	4R3001EH	11148179	TAPON CABEZA HEXAGONAL 1/2"-14 NPT	PLUG	CU	C	6.00	4R3001/M	EH = D8652=ASI 1010-25			
5	6570.2	4R3441CI	11170085	PRISIONERO PP 1/2"-13 UNC x 19	SET SCREW	CU	C	4.00	4R3441/M	CI = Z0M63=ACERO ALEADO RECUBIERTO			
5	6570.26	4R3500AC	11148423	TORNILLO CAB. EXAG. 3/4"-10 UNC x 44.5	CAP SCREW	CU	C	8.00		AC = M3003=A193 GR B7			
5	6580.5	4R6597EM	11170086	TUERCA HEX. 9/16"-12 UNC	HEX NUT	CU	C	2.00		EN = M3013=A194 CL 2H			
5	6810.1	AA757409EH	11194451	ESPIÑA CONICA #9	DOWEL PIN	CU	C	2.00	AA7574/A	EH = D8652=ASI 1010-25	Lg=76mm		

Nota 18AE0030 - YPF B
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3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
5	3855	60537503	60537503	ACEITERO TRICO#3 C/PROTECCION (PART#40061=30003+30013)	TRICO OILER	CU	C	1.00	3TRICO/-				
5		ACCUUD0031	11170087	UNION DOBLE 1/4"NPTH 150#	UNION	CU	C	1.00		EN = D3009=A105			
5		N02515080PB	11217434	NIPLE 1/4" SCH.80x38.1mm	NIPPLE	CU	C	2.00	A401079/A	PB = D0006=A53Gr B-TipoS			
6		CANRE0054	11203303	CAÑO Ø1/4" SCH.80 SICOSTURA	PIPE	M	C	0.40		PB = D0006=A53Gr B-TipoS			
5	6812.3	A101980EH	11188258	PIN D=9.55 x d=6 x 19	PIN	CU	F	1.00	A101980/A	EH = D9852=AlSi 1010-25			
6		BARRACILEH12		BARRA CILINDRICA D=12.7	ROUND BAR	MM	C	30.00		EH = D9852=AlSi 1010-25			
5	6569.3	4R3002EH	11148190	TAPON CABEZA HEXAGONAL 3/4"-14 NPT	PLUG .75NPT	CU	C	2.00	4R3002M	EH = D9852=AlSi 1010-25			
5	11177548		11177548	TAPA INFERIOR COJINETE RADIAL	COVER	CU	C	1.00	M-13023/	EH = D9852=AlSi 1010-25			
5	11177549		11177549	JUNTA RECTANGULAR 216x173x0.4ESP	GASKET	CU	C	1.00	EA-41301/0	J0044 = Gasket KLINGER SIL C-4400	PAGINA 11, PARA TAPA		
5	11177550		11177550	CHAPA REFRIGERADOR	PLATE	CU	C	1.00	M-13024/	DB = D9851=AlSi 316			
5	111623001		111623001	PIN CILINDRICO D=8 x 16mm	LOCK PIN	CU	C	2.00		DB = D9851=AlSi 316	Unir tapa inferior con cojinete radial		
5	4N0173834		11145021	TORNILLO ALLEN CAB.CIL. 1/4"-20UNCx22.2Lg.	CAP SCREW	CU	C	10.00		34 = M0811=AlSi 316 GR 5HT			
5	11177551		11177551	TAPA 3/4" NPT INOXIDABLE 316	TAPA NPT	CU	C	1.00		DB = D9851=AlSi 316			
5	983308		11184295	ENTRERROSCA Ø3/4 NPT #3000		CU	C	1.00	E-079-P015/	26 = D0649=AlSi 316			
5	11178554		11178554	COLECTOR DE ACEITE	OIL COLLECTOR	CU	C	1.00	M-120930	DB = D9851=AlSi 316	Rev. 3. Se agrega.		
5	14AB635751			TORNILLO PUNTA DE COPA M4 L:12mm CABEZA HEX.		CU	C	8.00		DB = D9851=AlSi 316	Rev. 3. Se agrega.		
4	11177552		11177552	SOPORTE DE COJINETE AXIAL DMX SERIE 250 360° SLV/BALL - CON CARTER	BEARING HOUSING	CU	F	1.00					
5	3200.2	11177553	11177553	SOPORTE AXIAL DMX 250 - 360° SLEEVE	BEARING HOUSING	CU	F	1.00	250B200EBXM1/0	ER = C3009=A216 GR WCB			

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
6		11177237	11177237	FUNDICION TAPA SOP. COJ. AXIAL	BRG HSG CAST	CU	C	1.00	A7024 14/0	ER = C3008=A216 GR WCB			
6		11177238	11177238	FUNDICION CUERPO SOP. COJ. AXIAL	BRG HSG CAST	CU	C	1.00	250B21EB/	ER = C3008=A216 GR WCB			
6		4R3189EH	11148230	CANCAMO 1/2"UNC-13	EYE BOLT	CU	C	1.00	4R3189/M	EH = D9652=AS1 1010-25			
6	6570.27	4R2898AC	11148092	TORNILLO CAB HEX 1/2"-13 UNC x 38.1	CAP SCREW	CU	C	10.00	0000-0610-30-G/-	AC = M3003=A193 GR B7			
6		A101864EH	11188162	PIN Ø9.5 x 19.1mm Lg.	PIN	CU	F	2.00	A101864/0	EH = D9652=AS1 1010-25			
7		BARRACILEH18		BARRA CILINDRICA D=18	ROUND BAR	MM	C	49.00		EH = D9652=AS1 1010-25			
6	6810.1	AA757409EH	11194451	ESPIÑA CONICA #9	DOWEL PIN	CU	C	2.00	AA7574/A	EH = D9652=AS1 1010-25	Lg=76mm		
6	6580.5	4R6597EM	11170086	TUERCA HEX. 9/16"-12 UNC	HEX NUT	CU	C	2.00		EM = M3013=A194 CL 2H	Para espina N° 9		
5	2540.1/2	06068480	06068480	DEFLECTOR DMX	FLINGER	CU	C	1.00	250B157FX6/M	EX = F3019=B584 AL905/B271 AL905			
5	3020	11177546	11177546	COJINETE BABBIT	JOURNAL SLV	CU	C	1.00	275B191LXM1/0	KZ = Z0227=AS1 40-BABBITT			
5	3861.2	11177547	11177547	ANILLO ACEITERO	OIL RING	CU	C	3.00	A105173/A	ID = F3056=AS1 621	Rev. 1. Utilizar revision A.		
5	3286	11177554	11177554	TAPA SOPORTE DMX	COVER	CU	C	1.00	A105176/0	EH = D9652=AS1 1010-25			
5		4R670734	11148808	TORNILLO CABEZA HEXAGONAL 1/2"-13UNCx19.1	CAP SCREW	CU	C	4.00	4R6707/1	34 = M8011=AS1 J429 GR 5HT			
5	4610	568249GS	11177851	ANILLO "O"-RING 2.249	O-RING	CU	C	1.00	NO DWG REQD/M	GS = L1018= NITRIL0 70			
5	3032	SKF7310BEGAY	11224006	RODAMIENTO SKF 7310 BEGAY	BEARING	CU	C	2.00					
5	3240	62126974	62126974	ABRAZADERA SUECION RODAMIENTO	CLAMP	CU	C	2.00	62126974/M	OK =D2067= AS1 18-8			
5		TOCAR0001	11226488	TORNILLO CAB.MEDIA GOTA #10x25.4mm	CAP SCREW	CU	C	2.00		34 = M8011=AS1 J429 GR 5HT			
5		4N01981EH	11145185	ARANDELA GROOVER #10	HELICAL SPRING	CU	C	2.00	4N01981/M	EH = D9652=AS1 1010-25			

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMX9 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
5		4R481534	11148646	TUERCA HEXAGONAL #10-24 UNC	HEX NUT	CU	C	2.00	4R4815/M	34 = M8011-AISI J429 GR 5HT			
5	3712.2	AB106810EM	11194730	TUERCA DE SUECION N-10	LOCKNUT	CU	C	1.00	AB1068/B	EM = M3013-A194 CL 2H			
6		BARRACILEM80		BARRA CILINDRICA D=80	ROUND BAR	MM	C	45.00		EM = M3013-A194 CL 2H			
5	6541.2	W10	11228658	ARANDELA DE RODAMIENTO N°10	LOCKWASHER	CU	C	1.00		36 = CARBON STEEL CADMIUM PLATE			
5	3126.3	A102426EH	11188686	ANILLO POSICIONADOR EJE	SETTING RING	CU	C	1.00	A102426/0	EH = D9652-AISI 1010-25			
6		BARRACILEH65		BARRA CILINDRICA D=65	ROUND BAR	MM	C	15.00		EH = D9652-AISI 1010-25			
5	2400.2	62742580	62742580	CAMISA RODAMIENTO AXIAL	JOURNAL SLEEVE	CU	C	1.00	250B135ELX2/	EL = D9153-AISI 1213-15 HOT ROLLED OR COLD FINSH			
6		BARRACILEL95		BARRA CILINDRICA D=95	ROUND BAR	MM	C	50.00		EL = D9153-AISI 1213-15 HOT ROLLED OR COLD FINSH			
5	6521	A100648EH	11187214	TAPON RESPIRADERO 1/2"-14 NPT	BREATHER PLUG	CU	C	1.00	A100648/B	EH = D9652-AISI 1010-25			
5	6570.3	4R1047CI	11170083	PRISIONERO PC 1/4"-20 UNC x 19	SET SCREW	CU	C	6.00	0000-0605-25-G/-	CI = ZIM63-ACERO ALEADO RECUBIERTO			
5	6569.4	4R2999EH	11170084	TAPON CABEZA HEXAGONAL 1/4"-18 NPT	PLUG	CU	C	3.00	4R2999/0	EH = D9652-AISI 1010-25			
5	6569.4	4R3001EH	11148179	TAPON CABEZA HEXAGONAL 1/2"-14 NPT	PLUG	CU	C	6.00	4R3001/M	EH = D9652-AISI 1010-25			
5	6570.2	4R3441CI	11170085	PRISIONERO PP 1/2"-13 UNC x 19	SET SCREW	CU	C	4.00	4R3441/M	CI = ZIM63-ACERO ALEADO RECUBIERTO			
5	6570.27	4R3500AC	11148423	TORNILLO CAB. EXAG. 3/4"-10 UNC x 44.5	CAP SCREW	CU	C	8.00		AC = M3003-A193 GR B7			
5	6580.5	4R6597EM	11170086	TUERCA HEX. 9/16"-12 UNC	HEX NUT	CU	C	2.00		EM = M3013-A194 CL 2H			
5	6810.1	AA757409EH	11194451	ESPIÑA CONICA #9	DOWEL PIN	CU	C	2.00	AA7574/A	EH = D9652-AISI 1010-25	Lg=76mm		
5	3855	60537503	60537503	ACEITERO TRICO#3 C/PROTECCION (PART #40061=30003+30013)	TRICO OILER	CU	C	1.00	3TRICO/-				
5		ACCUD0031	11170087	UNION DOBLE 1/4"N/PTH 150#	UNION	CU	C	1.00		EH = D3009-A105			

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



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BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
5		N02515080PB	11217434	NIPLE 1/4" SCH.80x38.1mm	NIPPLE	CU	C	2.00	A401079/A	PB = D3006=A53-G1-B-TipoS			
6		CANRE0054	11203303	CAÑO Ø1/4" SCH.80 S/COSTURA	PIPE	M	C	0.40		PB = D3006=A53-G1-B-TipoS			
5		A101980EH	11188258	PIN D=9.55 x d=6 x 19	PIN	CU	F	1.00	A101980/A	EH = D9652=AISI 1010-25			
6		BARRACILEH12		BARRA CILINDRICA D=12.7	ROUND BAR	MM	C	30.00		EH = D9652=AISI 1010-25			
5	6569.4	4R3002EH	11148190	TAPON CABEZA HEXAGONAL 3/4"-14 NPT	PLUG .75NPT	CU	C	2.00	4R3002/M	EH = D9652=AISI 1010-25			
5	3858	34342	11170398	VISOR TRICO VIEWPORT MOD.34342/34352 3/4"NPT	TRICO OILER	CU	C	1.00					
5		11177555	11177555	TAPA INFERIOR COJINETE AXIAL	COVER	CU	C	1.00	M-13026/	EH = D9652=AISI 1010-25			
5		11177556	11177556	JUNTA RECTANGULAR 255x216x0.4ESP	GASKET	CU	C	1.00	EA-41301/0	J0044 = Gasket KLINGER SIL C-4400	PAGINA 11, PARA TAPA		
5		11177557	11177557	CHAPA BASE REFRIGERADOR	PLATE	CU	C	1.00	M-13027/0	D8 = D9051=AISI 316			
5		111623001	111623001	PIN CILINDRICO D=6 x 16mm	LOCK PIN	CU	C	2.00		D8 = D9051=AISI 316	Unir tapa inferior con cojinete axial		
5		4N0173834	11145021	TORNILLO ALLEN CAB.CIL.1/4"-20UNCx22.2Lg.	CAP SCREW	CU	C	12.00		34 = M8011=AISI J429 GR 5HT			
5		11177551	11177551	TAPA 3/4" NPT INOXIDABLE 316	TAPA NPT	CU	C	1.00		D8 = D9051=AISI 316			
5		983308	11184295	ENTRERROSCA Ø3/4 NPT #3000		CU	C	1.00	E-079-P015/	26 = D9049=AISI 316			
5		BGC15002500SDBV		BEARING GARD 1.500 X 2.500 BRONZE / FKM	BEARING GARD 1.	CU	C	1.00	C0185905 C0185906/-		Rev. 1. Se agrega.		
5		11178555	11178555	COLECTOR DE ACEITE	OIL COLECTOR	CU	C	1.00	M-12094/0	D8 = D9051=AISI 316	Rev. 3. Se agrega.		
5		11178554	11178554	COLECTOR DE ACEITE	OIL COLECTOR	CU	C	1.00	M-12093/0	D8 = D9051=AISI 316	Rev. 3. Se agrega.		
5		14AB635751		TORNILLO PUNTA DE COPA M4 L:12mm CABEZA HEX.		CU	C	14.00		D8 = D9051=AISI 316	Rev. 3. Se agrega.		
4		11177558	11177558	CONJUNTO VENTILADOR SOPORTE RADIAL	FAN ASSEMBLY	CU	F	1.00					

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



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Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
5		11177559	11177559	CUBREVENTILADOR RADIAL	FAN GUARD	CU	C	1.00	A702431/0	ZZ=MATERIALES EN PLANO			
5		11177560	11177560	VENTILADOR MARCA: BREEZA	FAN	CU	C	1.00	A105181/0				
5		11170861	11170861	ANILLO FUACION VENTILADOR	RING	CU	C	1.00	A104994/0	EH = D9652=ASI 1010-25			
6		RAW MATERIAL UN ASSIGNED		RAW	RAW	CU	C	1.00					
5		4N0173834	11145021	TORNILLO ALLEN CAB.CIL. 1/4"-20UNCx22.2Lg.	CAP SCREW	CU	C	4.00		34 = M8011=ALSI J429 GR 5HT			
5		4R0429CK	11147129	PRISIONERO PUNTA DE COPA 1/4"-20UNC x 12.7LG (MAT.:18-8)	PRISIONERO PUNT	CU	C	8.00	D4R0026/				
4		11177561	11177561	CONJUNTO VENTILADOR SOPORTE AXIAL	FAN ASSEMBLY	CU	F	1.00					
5		11177562	11177562	CUBREVENTILADOR AXIAL	FAN GUARD	CU	C	1.00	A702432/0	ZZ=MATERIALES EN PLANO			
5		11177563	11177563	VENTILADOR MARCA: BREEZA	FAN	CU	C	1.00	A105179/0				
5		11177564	11177564	EXTENSION DE EJE	SHAFT EXTENSION	CU	C	1.00	A105180/0	EH = D9652=ASI 1010-25			
5		11151422	11151422	TUERCA 3/4"-10UNC	NUT	CU	C	1.00	A103067/0	EM = M3013=A194 CL 2H			
5		11178556	11178556	ESPARRAGO ESPECIAL 3/4"	SPECIAL STUD	CU	C	1.00	A105225/	EH = D9652=ASI 1010-25	Rev. 3. Reemplaza a ítem 11172212		
5		4N0173834	11145021	TORNILLO ALLEN CAB.CIL. 1/4"-20UNCx22.2Lg.	CAP SCREW	CU	C	4.00		34 = M8011=ALSI J429 GR 5HT			
3		18AE0030-0D		CONJUNTO SELLO MECANICO	MECH SEAL ASSY	CU	F	1.00					
4	6572.4	E06217LQ		ESPARRAGO 5/8"-11UNC	STUD	CU	C	8.00	A401072/A	LQ =M3005= A193 GR B8M CL2	Lg=130mm		
4	6580.2	4R4820M3063	11177566	TUERCA 5/8"-11UNC	NUT	CU	C	8.00		M3063 = ASTM A194 Gr. 9A			
4	2905.4	4R3454DB	11148301	ARANDELA PLANA Ø5/8"	WASHER	CU	C	8.00	4R3454/0	DB = D9051=ALSI 316			
4		11170818	11170818	CUBRE SELLO 3X12 DMXH	SEAL GUARD	CU	C	2.00	A104991/-	FN = I0012=ALUMINIO			

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



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Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
4	4200	SM18AE0030		SELLO MECÁNICO DOBLE	SELLO	CU	C	2.00			FABRICAR SEGUN PLANO DE CAJAESTOPADA N° 275D64X17		
3		18AE0026-0P		PROCEDIMIENTO DE PINTURA	PAINT PROCEDURE	CU	C	1.00	15118AE0026/				
3		18AE0026-LAB		MONTAJE PARA ENSAYO DE LABORATORIO	LAB MOUTING	CU	C	1.00					
3		NAMEPLATE01	11217679	KIT CHAPA IDENTIFICACION EN ESPAÑOL/ INGLES	NAMEPLATE KIT	CU	F	1.00			GRABAR SEGUN PLANO 24818AE0030		
4		4N01731DB	11144988	TORNILLO ALLEN SHCS #10-24 X 1/2	SHCS 10-24X1/2	CU	C	4.00	4N01731/	DB = D9051=AS1316			
4		A101995CK	11188265	CHAPA IDENTIFICACION IDIOMA ESPAÑOL/INGLES	NAMEPLATE	CU	C	1.00	A101995/C	CK =D2067= ASI 18-8			
4		A102340DB	11188600	SOPORTE PARA CHAPA DE IDENTIFICACION	SUPPORT	CU	C	4.00	A102340/0	DB = D9051=AS1316			
5		BARRACILDB16		BARRA CILINDRICA Ø16	ROUND BAR	MM	C	35.00		DB = D9051=AS1316			
2		18AE0030-PK		CONJUNTO PAQUETIZADO 3X9 DMXH - 10 ET	3X9DMXH - 10STG	CU	F	1.00			Rev.1 Se agrega conjunto.		
3		ME04251800LA001		MOTOR CAT G3408 A GAS NATURAL	MOTOR	CU	C	1.00					
3		GB18AE0030		GEAR BOX - POWER 425 HP - RATIO 1: 2.51 - SERVICE FACTOR 2.0 WITH PRESSURIZED EXTERNAL LUBRICATION	GEAR	CU	C	1.00					
3		PLAN18AE0030		PLAN API 53B # 600	PLAN	CU	C	2.00					
3		18AE0026-0E		CONJUNTO CANERIAS	PIPING ASSY	CU	F	1.00					
4		DRENVEN18AE0026		CONJUNTO DRENAJES Y VENTEO	DRAIN VENT ASSY	CU	F	1.00					
5		11177683	11177683	CONJUNTO VALVULA EXCLUSA CBRIDAS SS 3/4" 1500# SW RTJ		CU	F	4.00			MAWP: 1900 psi @ 106°F		
6		ACCBRO084	11195603	BRIDA 3/4" SW RTJ 1500# SCH.160	FLANGE	CU	C	2.00		29 = D3030=A182 Gr E316L - 18 Chromium-9 Nickel-Modif. with molyb. -Low carbon - C 0.035 max. / Min 2 max. / P 0.045 max. / S 0.03 max. / Si 1 max. / Ni 10 to 15 / C 16 to 18 / Mn 2 to 3 / N 0.1 max.			
6		BWO07530160NC	11201879	NIPLE 3/4" SCH 160	NIPPLE	CU	C	2.00		Nc = D3084=AS12 316L			
7		CANRE0066	11203320	CAÑO REDONDO Ø3/4" SCH.160 S/COSTURA	PIPE	M	C	0.80		Nc = D3084=AS12 316L			

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



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Parte: 18AE003001

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Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
6		VALEX0053	11228270	VALVULA ESCLUSA 3/4" 1500# SW SCH.160	VALVE	CU	C	1.00		29 = D3030=A182 Gr.F316L - 18 Chromium-8 Nickel-Modif. with moyleb. Low carbon - C 0.035 max. / Min 2 max. / P 0.045 max. / S 0.03 max. / Si 1 max. / Ni 10 to 15 / Cr 16 lb 18 / Ms 2 to 3 / N 0.1 max.			
6		027994	11110621	ANILLO RTJ R14	RTJ RING	CU	C	1.00		DB = D9051+AISI 316			
6		A07513LQ	11171003	ESPARRAGO 3/4"-10UNC X L=123.8MM	STUD	CU	C	4.00	A401087/D	LQ = LX = M3005= A193 GR 88M CL2			
7		RAWMATERIALUNASSIGNED		RAW	RAW	CU	C	1.00					
6		4R4821M3063		TUERCA HEXAGONAL 3/4"-10UNC-2B	HEXAGON NUT	CU	C	8.00	AA6145/	M3063 = ASTM A194 Gr. 9A			
5		11172255		CONJUNTO SOPORTE BT PP 3/4" CANO	SET SUPPORT	CU	F	3.00					
6		11172219		PIEFEE CI - 3/4" - Mod:CS 26.9 PP + PSIM6 + VESIM6x45 + PS5 - Mat. POLIPROPYLENE - CANO	PIEFEE CI	CU	C	1.00					
6		11171446	11171446	SOPORTE PARA CAÑO 1/2" - 1"	PIPE SUPPORT	CU	C	1.00	A105024/	ZZ=MATERIALES EN PLANO			
4		PLANAPI1118AE0026		PLAN API 11 SS 3/4" 1500# SW RTJ	API PLAN 11	CU	F	1.00					
5		CANRE0066NC	11203321	CAÑO 3/4" SCH 160 MATERIAL 316 L		M	C	4.00		Nc = D3084+A312 316L			
5		BWT07550160NC	11201959	NIPLE 3/4"NPT @ 3/4"SW SCH.160 x 127mm	NIPPLE 3/4PT-SW	CU	C	2.00	A401086/A	Nc = D3084+A312 316L			
6		CANRE0066	11203320	CAÑO REDONDO Ø3/4" SCH.160 S/COSTURA	PIPE	M	C	0.20		Nc = D3084+A312 316L			
5		11160590	11160590	PLACA ORIFICIO 3/4" #1500 PARA BRIDA RTJ (R-14) MARCA WEISZ	ORIFICE	CU	C	2.00		DB = D9051+AISI 316			
5		ACCOR0010	11195785	CRUZ 3/4"SW 3000#	CROSS	CU	C	1.00		29 = D3030=A182 Gr.F316L - 18 Chromium-8 Nickel-Modif. with moyleb. Low carbon - C 0.035 max. / Min 2 max. / P 0.045 max. / S 0.03 max. / Si 1 max. / Ni 10 to 15 / Cr 16 lb 18 / Ms 2 to 3 / N 0.1 max.			
5		ACCNV0023	11195863	CODO 90° 3/4"SW 3000#	ELBOW	CU	C	2.00		29 = D3030=A182 Gr.F316L - 18 Chromium-8 Nickel-Modif. with moyleb. Low carbon - C 0.035 max. / Min 2 max. / P 0.045 max. / S 0.03 max. / Si 1 max. / Ni 10 to 15 / Cr 16 lb 18 / Ms 2 to 3 / N 0.1 max.			
5		ACCBR0084	11195603	BRIDA 3/4" SW RTJ 1500# SCH.160	FLANGE	CU	C	6.00		29 = D3030=A182 Gr.F316L - 18 Chromium-8 Nickel-Modif. with moyleb. Low carbon - C 0.035 max. / Min 2 max. / P 0.045 max. / S 0.03 max. / Si 1 max. / Ni 10 to 15 / Cr 16 lb 18 / Ms 2 to 3 / N 0.1 max.			
5		A07513LQ	11171003	ESPARRAGO 3/4"-10UNC X L=123.8MM	STUD	CU	C	16.00	A401087/D	LQ = LX = M3005= A193 GR 88M CL2	Rev.1 Cambia cantidad. Era: 12		

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:SG]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Description Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
6		RAW MATERIAL UNASSIGNED		RAW	RAW	CU	C	1.00					
5		4R4821M3063		TUERCA HEXAGONAL 3/4"-10UNC-2B	HEXAGON NUT	CU	C	32.00	AA6145/	M3063 = ASTM A194 Gr. 9A	Rev.1 Cambia cantidad. Era: 24		
5		027984	11110621	ANILLO RTJ R14	RTJ RING	CU	C	2.00		DB = D9051=AS1316	Rev.1 Se agrega item		
5		ACCB00256	11195754	BRIDA CIEGA 3/4" 1500# RTJ	FLANGE	CU	C	1.00		29 = D3030=A182 Gr.F316L-18 Chromium-8 Nickel-Mo. with molyb. Low carbon - C 0.035 max / Min 2 max. / P 0.045 max / S 0.03 max. / Si 1 max. / Ni 10 to 15 / Cr 16 to 18 / Ms 2 to 3 / N 0.1 max.	Rev. 1 Se agrega item		
4		PLANAPI53B18AE0028		PLAN API 53B SS 3/4" 600# SW RF	API PLAN 53B	CU	F	2.00					
5		ACCB00071	11195596	BRIDA ANSI 3/4" SW 600# RF SCH.160	FLANGE	CU	C	2.00		29 = D3030=A182 Gr.F316L-18 Chromium-8 Nickel-Mo. with molyb. Low carbon - C 0.035 max. / Si 1 max. / Ni 10 to 15 / Cr 16 to 18 / Ms 2 to 3 / N 0.1 max.			
5		ACCB00284		BRIDA 3/4" 600# SW Sch. 80 RF	FLANGE	CU	C	4.00		29 = D3030=A182 Gr.F316L-18 Chromium-8 Nickel-Mo. with molyb. Low carbon - C 0.035 max. / Si 1 max. / Ni 10 to 15 / Cr 16 to 18 / Ms 2 to 3 / N 0.1 max.			
5		BWT07580160NC	11201947	NIPLE 3/4"NPT @ 3/4"SW SCH.160 x 203.2 mm	NIPPLE	CU	F	2.00	A401086/A	NC = D3084=A312316L			
5		CANRE0058	11203309	CAÑO REDONDO Ø3/4" SCH.80 SICOSTURA	PIPE	M	C	2.00		NC = D3084=A312316L			
5		08201360	08201360	JUNTA FLEXITALLIC CG-6C 3/4" 600 Lbs	GASKET	CU	C	4.00		JF = Z0M50=AS1316+GRAFITO			
5		A06212LQ	11186704	ESPARRAGO 5/8"-11 UNC	STUD	CU	F	16.00		LQ =M3005= A103 GR B8M CL2			
6		BARRACILLQ19		BARRA CILINDRICA Ø=19	ROUND BAR	MM	C	105.00		LQ =M3005= A103 GR B8M CL2			
5		4R4820M3063	11177566	TUERCA 5/8"-11UNC	NUT	CU	C	32.00		M3063 = ASTM A194 Gr. 9A			
4		18AE0026-IP		CAÑERIA INTERCONEXION		CU	F	1.00			Rev.1 Se agrega conjunto		
5		ACCVFVF0008		DOUBLE WINDOW SIGH FLOW Ø3"FLANGE END ASA 150#-351 Gr. CF 8M- CASCO	FLOW INDICATOR	CU	C	1.00					
5		ITMTVMC0002	matprimenc	THERMOWELL MOD: 75W04502HT 28US- ASHCROFT	INSTRUMENT	CU	C	1.00					
5		ITMTMA0012	SIN DATO	THERMOMETER MOD: 50E160E060 XC4SG 0/250F- ASHCROFT	THERMOMETER	CU	C	1.00					

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
5	ACCBRWN1726		matprimenc	FLANGE-WNRF-Ø 3"-S150-SCH 40-B16.5-DUAL CERT.-ASTM A-182 Gr.304/304L-CMTR.3.1	FLANGE	CU	C	6.00			Rev.1 Cambia cantidad. Era:2		
5	ACCBRWN0471		N/A	FLANGE-WNRF-Ø 3/4"-S150-SCH 80-B16.5-DUAL CERT.-ASTM A-182 Gr.304/304L-CMTR.3.1	FLANGE	CU	C	4.00			Rev.1 Cambia cantidad. Era:2		
5	ACCBRWN1701			FLANGE-WNRF-Ø 1"-S150-SCH 80-B16.5-DUAL CERT.-ASTM A-182 Gr.304/304L-CMTR.3.1	FLANGE	CU	C	4.00			Rev.1 Cambia cantidad. Era: 2		
5	ACCBRWN0491		N/A	FLANGE-WNRF-Ø 1 1/2"-S150-SCH 40-B16.5-DUAL CERT.-ASTM A-182 Gr.304/304L-CMTR.3.1	FLANGE	CU	C	6.00			Rev.1 Cambia cantidad. Era:4		
5	ACCN480009		matprimenc	ELBOW 45°-BW-Ø 3"-SCH 40S -B16.9-DUAL CERT.-ASTM A 403 Gr F304/304L-CERT: MTR.3.1	ELBOW	CU	C	1.00					
5	ACCN9B0008		N/A	ELBOW 90°-SEAMLESS- RC-BW-Ø3"-SCH40S-B16.9- ASTM A403 Grade WP304-304L (Dual Stamp)-CERT: MTR.3.1	ELBOW	CU	C	1.00					
5	ACCN9B0674		N/A	ELBOW 90°-BW-RL-Ø 1 1/2"-SCH 40-B16.9-DUAL CERT.-A403 Gr F304/304L-CERT: MTR.3.1	ELBOW	CU	C	3.00					
5	ACCN481958		N/A	CODO 45°-BW-Ø 1 1/2"-SCH 40S -F316L	ELBOW	CU	C	1.00					
5	ACCN9B1948		N/A	ELBOW 90°RL-BW-Ø 1"-SCH 80S-DUAL CERT.-A 403 Gr.304/304L-CMTR.3.1	ELBOW	CU	C	2.00					
5	ACCN9B0815		N/A	ELBOW 90°-SEAMLESS-RL-BW-Ø 3/4"-SCH 80S -B16.9-DUAL CERT.- ASTM A403 Grade WP304/304L-CERT: MTR.3.1	ELBOW	CU	C	3.00					
5	ACCN9B0670		matprimenc	CODO 90°-BW-? 1 1/2"-SCH 40S -316L	ELBOW	CU	C	2.00					
5	CANRECI0223		PIPE	PIPE-Ø3/4"-SCH 80- SEAMLESS-ASME B16.9 ASTM A-312 Gr.F304L - CMTR.3.1	PIPE	M	C	6.00					
5	CANRECI0161		matprimenc	PIPE Ø 3"-SCH 40-SMLS - ASME B36.19M-DUAL CERT.-ASTM A312 Grade TP304/TP304L, CERT: MTR.3.1	PIPING	M	C	6.00					
5	CANRECI0224		PIPE	PIPE Ø1" SCH.80-SMLS-ASME B36.19M-DUAL CERT.-ASTM A-SA-312, TP304/304L SS-CERT.MTR.3.1	PIPE	M	C	6.00					
5	CANRECI0225		PIPE	PIPE- 1 1/2"-SCH 40- SEAMLESS-DUAL CERT.-A 312 Gr.304/304L-CMTR.3.1	I	M	C	6.00					

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



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BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
5		ACCJTJE0016	11178480	GASKET FLEXITALLIC CGI-SS 316L-INNER RING - WINDING -CENTERING RINGS MATERIAL(316L) S150 Ø 3"	SEAL	CU	C	4.00					
5		ACCJTJE0009	SIN DATO	GASKET FLEXITALLIC CGI TYPE 3/4" 150 ASME B16.20 TYPE CGI - WINDING 316SS - CENTERING RING 316SS	SEAL	CU	C	2.00					
5		ACCJTJE0010		GASKET FLEXITALLIC CGI TYPE 1" 150 ASME B16.20 - TYPE CGI - WINDING 316SS - CENTERING RING 316SS	SEAL	CU	C	3.00					
5		ACCJTJE0013	11178482	GASKET FLEXITALLIC CGI-SS 316L-INNER RING - WINDING -CENTERING RINGS MATERIAL(316L) S150 Ø 1 1/2"	SEAL	CU	C	4.00					
5		ACCES8M1696	11178468	STUD BOLTS ASTM A-193 GR B8M CL2 Ø 5/8" LARGO 102 MM-ST HARD, 96KSI SMYS-CERT: MTR 3.1	STUDS	CU	C	12.00					
5		ACCES8M1682	11178466	STUD BOLTS - ASME B18.2.1 -ASTM A-193 GR B8M, CL2, ST.HARD, 96KSI SMYS-Ø1/2" L= 65 MM -CERT: MTR 3.1	STUDS	CU	C	8.00					
5		ACCES8M1704		STUD BOLTS-ASME B18.2.1-ASTM A-193 GR B8M,CL.2, ST.HARD, 96KSI SMYS - Ø1/2" L=75 MM-CERT: MTR 3.1	STUDS	CU	C	4.00					
5		ACCES8M1683		STUD BOLTS-ASME B18.2.1-ASTM A-193 GR B8M,CL.2, ST.HARD, 96KSI SMYS - Ø1/2" L=70 MM-CERT: MTR 3.1	STUDS	CU	C	20.00					
5		ACCTH8M0001	11178477	HEAVY HEX NUT ASTM A-194 GR 8M Ø1/2"-UNC	HEX NUTS	CU	C	64.00					
5		ACCTH8M1698	11178452	HEAVY HEX NUT ASTM A-194 GR 8M Ø 5/8"-UNC	HEX NUTS	CU	C	36.00					
3		18AE0030-ES		CONJUNTO ESCAPE DE MOTOR	MOTOR PIPING	CU	F	1.00			Rev.1 Se agrega conjunto		
4		CANRE0167		CAÑO REDONDO SIN COSTURA Ø8" Sch.20	PIPE	MM	C	6.000.00		FB = D300E-A3-Gr-B-TipoS			
4		11178735	11178735	CODO 8" 90° (RADIO LARGO) SCH20	ELBOW	CU	C	1.00		FB = D300E-A3-Gr-B-TipoS			
4		11178737	11178737	JUNTA DE ALTA TEMPERATURA PARA ESCAPE	GASKET	CU	C	3.00					
4		11178736	11178736	BRIDA ESPECIAL PARA CAÑO DE ESCAPE	FLANGE	CU	C	1.00	A702496/				

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



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Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip.Material	Nota	Assy Part	Class
4		11178738	11178738	SOPORTE CAÑO DE ESCAPE	SUPPORT	CU	C	1.00	A105232/				
4		4R3002EH	11148190	TAPON CABEZA HEXAGONAL 3/4"-14 NPT	PLUG .75NPT	CU	C	1.00	4R3002/M	EH = D9652=ASI 1010-25			
4		A03714LQ	A03714LQ	ESPARRAGO 3/8"-16UNC	STUD	CU	F	16.00		LQ =M3005= A193 GR B8M CL2			
4		4R4818M3063	4R4818M306	TUERCA 3/8"-16UNC	NUT	CU	C	32.00		M3063 = ASTM A194 Gr. 9A			
4		4R3465EH	11148310	ARANDELA PLANA 3/4"	WASHER	CU	C	140.00	4R3465/	EH = D9652=ASI 1010-25			
4		4R3463EH	11148290	ARANDELA PLANA Ø1/2"	WASHER	CU	C	44.00		EH = D9652=ASI 1010-25			
4		4N01985EH	11145204	ARANDELA GROOVER Ø1/2"	HELICAL SPRING	CU	C	24.00	4N01985/0	EH = D9652=ASI 1010-25			
4		4N02148EH		ARANDELA GROOVER 3/4"		CU	C	70.00		EH = D9652=ASI 1010-25			
4		4R4821EM	11148689	TUERCA HEXAGONAL PESADA Ø3/4"-10UNC-2B	HEX NUT	CU	C	8.00	AA6145/	EH = M3013-A194 CL 2H			
4		A07508AC	11186734	ESPARRAGOS 3/4"-10UNC x 76.2 mm (3")	STUD	CU	C	8.00		AC = M3003-A193 GR B7			
4		A702520	11178792	PLATINA SOPORTE DE ESCAPE	PLATEN	CU	C	4.00	A702520/		Rev.2 Se cambia Item. E.ra: 11178792		
4		A05008LQ	11178820	ESPARRAGO 1/2"-13UNC	STUD	CU	F	16.00	A05008LQ/-	LQ =M3005= A193 GR B8M CL2	Para bridas silenciador		
4		4R4819M3063	11178142	TUERCA HEXAGONAL 1/2"-13UNC	HEX NUT	CU	C	32.00		M3063 = ASTM A194 Gr. 9A	Para bridas silenciador		
4		11178821	11178821	JUNTA DE ALTA TEMPERATURA PARA BRIDA 8" SILENCIADOR	GASKET	CU	C	4.00					
3		18AE0030-0F		CONJUNTO BASE Y ACOUPLE	SKID ASSY	CU	F	1.00					
4		11177677	11177677	BASE (BOMBA 3X9 DMXH - 10 ET + MOTOR CAT)	SKID	CU	F	1.00	A702442/	ZA = D9605=ASI 1010-25 FABRICADO			
5		MP11177677	MP11177677	ARMADO DE BASE (BOMBA 3X9 DMXH - 10 ET + MOTOR CAT)	SKID	CU	C	1.00	A702442/	ZA = D9605=ASI 1010-25 FABRICADO			
4		ACO18AE0030-1	11177251	ACOPLAMIENTO BOMBA-INCREMENTADOR MARCA REXNORD	COUPLING	CU	C	1.00	ACO18AE0026-30 -SEI ACO18AE0030-1/-				

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
4		ACO18AE0030-3	11178873	ACOPLAMIENTO OMEGA INCREMENTADOR-MOTOR MARCA REXNORD	COUPLING	CU	C	1.00	ACO18AE0030/		Rev.2 Se cambia Item		
4		11177678	11177678	CUBREACOPLE BOMBA-INCREMENTADOR	COUPLING GUARD	CU	C	1.00	A402479/	ZZ=MATERIALES EN PLANO			
4		11178929	11178929	CUBREACOPLE OMEGA INCREMENTADOR-MOTOR	COUPLING GUARD	CU	C	1.00	A402528/	ZZ=MATERIALES EN PLANO	Rev.2 Se cambia Item.		
4		4R289334	11148067	TORNILLO CAB. HEX. 3/8"-16UNC x 19.1Lg	CAP SCREW	CU	C	8.00		34 = M8011=ALSI J428 GR 5HT	P/ Cubrescopio @ Base		
4		TOEXA001734	11226516	TORNILLO CAB. HEX. 1-1/8" 8UN x 158.8mm	SCREW	CU	C	4.00		34 = M8011=ALSI J428 GR 5HT	P/ Bomba @ Base		
4		11177682	11177682	SUPLEMENTO	SHIM	CU	C	2.00	SH18AE0030/	CK =D2087= ALSI 18-8	Rev 1: Se modifica ITEM solo se deja el plano SH18AE0030 P/ Motor		
4		11178622	11178622	SUPLEMENTO - 2	SHIM	CU	C	2.00	SH18AE0030-2/	CK =D2087= ALSI 18-8	Rev 1: Se agrega ITEM		
4		11178623	11178623	SUPLEMENTO-3	SHIM	CU	C	2.00	SH18AE0030-3/	CK =D2087= ALSI 18-8	Rev 1: Se agrega ITEM		
4		11178624	11178624	SUPLEMENTO-4	SHIM	CU	C	4.00	SH18AE0030-4/	CK =D2087= ALSI 18-8	Rev 1: Se agrega ITEM		
4		4R350334	11148435	TORNILLO CABEZA HEXAGONAL 3/4"-10UNCx63.5Lg	CAP SCREW	CU	C	12.00		34 = M8011=ALSI J428 GR 5HT	Rev 1: Se agrega ITEM Para Motor y Gear box		
4		4R345534	11148307	ARANDELA PLANA ø34"		CU	C	12.00		34 = M8011=ALSI J428 GR 5HT	Rev 1: Se agrega ITEM Para Motor y Gear box		
4		11162528	11162528	TORNILLO CAB. HEX. 7/8"-9UNC x 101.6mm	CAP SCREW	CU	C	4.00		34 = M8011=ALSI J428 GR 5HT	Rev 1: Se agrega ITEM		
4		4R345634	11148314	ARANDELA PLANA 7/8	WASHER	CU	C	4.00		34 = M8011=ALSI J428 GR 5HT	Rev 1: Se agrega ITEM		
3		18AE0026-01		CONJUNTO INSTRUMENTOS	INSTRUMENTS	CU	F	1.00					
4		11177636	11177636	PROXIMITY PROBE METRIX: MX2030-05-002-012-10005	PROXIMITY PROBE	CU	C	5.00			X-Y - Montar en soporte de cojinete Axial y Radial Keyphasor - Montar en soporte de cojinete Radial		
4		11178585	11178585	TRANSMITTER METRIX: MX2034-01-01-09-05-01-003-00	TRANSMITTER	CU	C	4.00			P/ X-Y Rev.1 Se cambia Item. Era: 11177637		
4		11177638	11177638	PROBE MOUNTING SYSTEM METRIX: 5497PM-1-1-190-2-1	PROBE MOUNTING	CU	C	4.00			P/ X-Y		
4		11177639	11177639	TRANSMITTER METRIX: MX2034-01-01-09-05-03-502-01	TRANSMITTER	CU	C	1.00			P/ Keyphasor Rev.1: Se corrige modelo.		

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMX10 @6 Et. [MET:S6]



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BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripción Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
4	11177640		11177640	PROBE MOUNTING SYSTEM METRIX: 5497PM-1-1-090-2-1	PROBE MOUNTING	CU	C	1.00			P/ Keyphasor		
4	11177641		11177641	EXTENSION CABLE METRIX: MX2031-080-01-05	EXTENSION CABLE	CU	C	5.00					
4	11177797		11177797	SEISMIC VELOCITY 4-20 mA TRANSMITTER METRIX: ST5484E-151-1122-00	SEISMIC	CU	C	1.00			Rev.1 Se cambia Item. Era.: 11177642		
4	11177796		11177796	ELBOW METRIX: 8200-003	ELBOW	CU	C	1.00			Rev.1 Se cambia Item. Era.: 11157635		
4	11177643		11177643	RTD MINCO: AS7214PD87Z3S2X0X	RTD	CU	C	1.00			Rodamiento - Montar en soporte de cojinete Axial		
4	11177644		11177644	RTD MINCO: AS7214PD10123S2X0X	RTD	CU	C	2.00			Babbit - Montar en soporte de cojinete Axial y Radial		
4	11176275		11176275	RTD MINCO MOD: AS7214PD67Z3S3X0X	RTD	CU	C	1.00			Cuerpo mitad inferior		
4	CONHID18AE0026			CONEXIÓN HIDRAULICA		CU	F	1.00					
5	1151GP9E22		1123548	TRANSMISOR DE PRESION Mca ROSEMOUNT NUEVO Mod.2051CG5A021AH2M5	TRANS PRESS.	CU	C	2.00			P/Succión y Descarga		
5	CONHIDBT1			CONEXIÓN HIDRAULICA BAJA TEMPERATURA 1/2" 1500# RTJ		CU	F	2.00					
6	A101693DB		11188073	VALVULA MULTIPLE Mod.ABAC VI 550-IT	VALVE	CU	C	1.00	A10169330	DB = D9051=AS1316			
6	ACTRC0004		11197314	CONECTOR RECTO 1/2"NPTMx1/2" TUBO 3000#	CONNECTOR	CU	C	4.00		26 = D9049=AS1316			
6	TUBSC0006		11226694	TUBO Ø1/2" ESPESOR 2.10 SIN COSTURA	TUBBING	M	C	2.00		PE = D3054=A209 316			
6	VALES0017		11228168	VALVULA ESFERICA 1/2"NPT HH 3000#	VALVE	CU	C	1.00		26 = D9049=AS1316			
6	N0506016025		11217537	NIPLE 1/2" NPT x 152.4 Sch.160 s/c.	NIPPLE	CU	F	1.00	A401079/A	25 = D3083=A312 lpo 316			
7	CANRE0034		11203269	CAÑO REDONDO Ø1/2" SCH 160 SICOSTURA	PIPE	M	C	0.20		25 = D3083=A312 lpo 316			
6	11177635		11177635	BRIDA 1/2" NPT 1500# RTJ	FLANGE	CU	C	1.00		29 = D3030=A182 G/F 316L - 18 Chromium - 8 Nickel-Modif. with modyb. Low carbon - C 0.035 max. / Min 2 max. / P 0.005 max. / S 0.03 max. / Mn 0.10 max. to 15 / Cu 1.6 to 18 / Ms 2 to 3 / N 0.1 max.			
6	027992		11110619	ANILLO RTJ R12	RTJ RING	CU	C	1.00		DB = D9051=AS1316	Rev.1 Se agrega Item.		

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
6	A07513LQ		11171003	ESPARRAGO 3/4"-10UNC X L=123.8MM	STUD	CU	C	4.00	A401087/D	LO = LX = M3005= A193 GR B8M CL2	Rev.1 Se agrega item.		
7	RAW	RAW MATERIAL UNASSIGNED		RAW	RAW	CU	C	1.00					
6	4R4821M3063			TUERCA HEXAGONAL 3/4"-10UNC-2B	HEXAGON NUT	CU	C	8.00	AA6145/	M3063 = ASTM A194 Gr. 9A	Rev.1 Se agrega item.		
6	11172290			CONJUNTO SOPORTE BT 1/2" TUBO	SUPPORT SET	CU	F	2.00					
7	11172285			PIEFFECI - 1/2" - Mod: C3 12.7 PP + P3 M6 + VE3 M6x35 + PS3 - POLYPROPYLENE - TUBO	PIEFFECI	CU	C	1.00					
7	11171446		11171446	SOPORTE PARA CAÑO 1/2" - 1"	PIPE SUPPORT	CU	C	1.00	A105024/	ZZ=MATERIALES EN PLANO			
3	18AE0026-0X			CONJUNTO PARTES AUXILIARES	AUXILIARY	CU	F	1.00					
4	11150283		11150283	CUBIERTA DE BRIDA 3/4" - 1500#	FLANGE COVER	CU	F	5.00					
5	11150284		11150284	PLACA CUBRE BRIDA Ø131x4.8ESP.	FLANGE COVER	CU	C	1.00	A401440/0	EH = D9852=ALSI 1010-25			
5	11150285		11150285	JUNTA Ø70x1.6ESP.	GASKET	CU	C	1.00	A401440/0	IS = L0003=GOMA COMERCIAL			
5	4R350334		11148435	TORNILLO CABEZA HEXAGONAL 3/4"-10UNCx65.5lg	CAP SCREW	CU	C	4.00		34 = M9011=ALSI J425 GR 5HT			
5	4R4821EM		11148689	TUERCA HEXAGONAL PESADA Ø3/4"-10UNC-2B	HEX NUT	CU	C	4.00	AA6145/	EH = M3013=A194 CL2H			
3	18AE0026-0W			CABLEADO DE INSTRUMENTOS A CAJA DE BORNES	WIRING TO JB	CU	C	1.00					
3	IMGAS			INSTRUMENTACIÓN MOTOR GAS	INSTRUMENTS	CU	F	1.00					
4	11178617		11178617	PRESSURE TRANSDUCER ENDRESS+HAUSER: PMP21-CB1V2M3VUJ + F3JA	PRESSURE	CU	C	1.00			Presión de aire múltiple de admisión Calibración: 4-20 mA, 0-50 psi		
4	11178618		11178618	PRESSURE TRANSDUCER ENDRESS+HAUSER: PMP21-CB1V1H3VUJ + F3JA	PRESSURE	CU	C	1.00			Presión de gas combustible entrada Calibración: 4-20 mA, 0-10 psi		
4	11178619		11178619	TEMPERATURE TRANSMITTER ENDRESS+HAUSER: TMT142-C11141BBA1	TEMPERATURE	CU	C	1.00			Temperatura de aire múltiple de admisión Calibración: 4-20 mA, 0-150°C		
4	11178619		11178619	TEMPERATURE TRANSMITTER ENDRESS+HAUSER: TMT142-C11141BBA1	TEMPERATURE	CU	C	1.00			Temperatura de aceite Calibración: 4-20 mA, 0-150°C		

Nota 18AE0030 - YPF B
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Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
4	11178620		11178620	RTD THERMOMETER ENDRESS+HAUSER: TS1310-A8A1A4L8C13	RTD	CU	C	1.00			Temperatura de aire múltiple de admisión Calibración: 4-20 mA, 0-150°C Longitud de inserción NL: 160mm		
4	11178620		11178620	RTD THERMOMETER ENDRESS+HAUSER: TS1310-A8A1A4L8C13	RTD	CU	C	1.00			Temperatura de aceite Calibración: 4-20 mA, 0-150°C Longitud de inserción NL: 75mm		
4	11178876		11178876	SENSOR IMI, PCB PIEZOTRONICS: EX640602	SENSOR	CU	C	1.00			Vibración carcasa Rev.2 Se cambia ítem. Era: 11177797		
4	11177797		11177797	SEISMIC VELOCITY 4-20 mA TRANSMITTER METRIX: ST5484E-151-1122-00	SEISMIC	CU	C	1.00			Vibración ventilador		
4	11178877		11178877	CONECTOR IMI, PCB PIEZOTRONICS: PARA SENSOR EX640602	CONNECTOR	CU	C	1.00			Vibración carcasa Rev.2 Se cambia ítem. Era: 11177796		
4	11177796		11177796	ELBOW METRIX: 8200-003	ELBOW	CU	C	1.00			Vibración ventilador		
4	11178785		11178785	VÁLVULA SOLENOIDE PARA GAS, CUERPO ALUMINIO, 24VCC, 2"NPT, JEFFERSON COD. ZC2030LA16T	SOLENOID VALVE	CU	C	1.00			Rev.1 Se agrega ítem		
4	11178858		11178858	TE 1/4" (H) BSP (AISI 316/304)	TEE	CU	C	1.00			Rev.2 Se agrega ítem. Para medición de presión admisión de aire		
4	983064		1184190	ENTREROSCA 1/4 BSP		CU	C	1.00	E-079-P015/	26 = D0649-AISI 316	Rev.1 Se agrega ítem. Para medición de presión de aire de admisión		
4	11178859		11178859	ADAPTADOR 1/4"NPT (H) x 1/4" BSP (M) (AISI 316/304)	ADAPTER	CU	C	1.00			Rev.2 Se agrega ítem. Para medición de presión de aire de admisión		
4	11178860		11178860	NIPLÉ ADAPTADOR RTD T° ACEITE MOTOR CAT	NIPLÉ	CU	F	1.00	A105246/		Rev.2 Se agrega ítem. Para medición de T° de aceite		
4	11178861		11178861	NIPLÉ ADAPTADOR RTD T° ADMISIÓN DE AIRE MOTOR CAT	NIPLÉ	CU	F	1.00	A105245/		Rev.2 Se agrega ítem. Para medición de T° de aire de admisión		
4	11179183		11179183	CUADRO INGRESO GAS MOTOR CAT 18AE0026-27-30	GAS INLET	CU	F	1.00	A105245/		Rev.2 Se agrega ítem. Para conexión de válvula solenoid y sensor de presión ingreso de gas Motor.		
2	18AE0026-CP			Control Panel - Equipos: 18AE0026-27-30		CU	F	1.00			18AE0026-30 - YPFB LISTA DE MATERIALES Rev.0 [06.06.19] PAS		
3	ELTTBTB0911		matprimenc	Enclosure, 72.06x36.06x36.06; Mat. 304SS Mfr. Hoffman Mod. A723638SSEFSN4-W2185	enclosure	CU	C	1.00			-One Door Single-Access Enclosures (single door on front) -Mounting Plate -Gland Plates x2 (20"x10") -Seismic Mounting Plate Kits "ASMP34SS" -Certified "UL" - NEMA 4X		

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BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip.Material	Nota	Assy Part	Class
3		ELNACV/S0029	matprimenc	1756-A17 - CHASIS CONTROLLOGIX	INSTRUMENT	CU	C	1.00					
3		ELNFTF/T0088	matprimenc	Power supply Mca. Allen Bradley Mod. 1756-PB75	INSTRUMENT	CU	C	1.00					
3		ELNCTCT0076	matprimenc	Controllogix Controllers Mfr. Allen Bradley Mod. 1756-L71	INSTRUMENT	CU	C	1.00					
3		ELNMDCM0386	matprimenc	Modbus Serial Master/Slave Mfr. Allen Bradley Mod. MV156E-MCM	ELECTRONIC MODU	CU	C	1.00					
3		ELNACV/S0475	matprimenc	EtherNet/IP communication bridge module 10/100 Mbps Mca. Allen Bradley Mod.1756-EN2T	BRIDGE	CU	C	1.00					
3		ELNMDAI0071	N/A	Analog Input Modules Mfr. Allen Bradley Mod. 1756-F16H	SWITCH	CU	C	2.00					
3		ELNMDAI0074	matprimenc	RTD Analog Input Module Mfr. Allen Bradley Mod 1756-RT18I	INSTRUMENT	CU	C	2.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNMDAO0081	ELECTRONI C	Voltage/Current Output Analog Module Mfr. Allen Bradley Mod. 1756-OF4		CU	C	1.00					
3		ELNMDDI0065	ELECTRONI C	DC (10 - 31.2V) input module Mfr. Allen Bradley Mod. 1756-IB32		CU	C	1.00					
3		ELNMDDO0081	ELECTRONI C	AC (10 - 240V) DC (5 - 125V) Isolated Contact Module Mfr. Allen Bradley Mod. 1756-0X8I		CU	C	2.00					
3		ELTACV/S0079	matprimenc	36 Pin Screw Clamp Block With Standard Housing Mfr. Allen Bradley Mod. 1756-TECH	INSTRUMENT	CU	C	7.00					
3		ELNACV/S0154	matprimenc	20 POSITION NEMA SCREW CLAMP BLOCK - MOD. 1756-TBNH	INSTRUMENT	CU	C	1.00					
3		ELNACV/S0076	ELECTRONI C	Slot Spare. Mfr. Allen Bradley Mod.1756-N2		CU	C	6.00					
3		ELNHMP/MN0398	matprimenc	Panel View Plus 7 Graphic Terminal, Mca. Allen Bradley Mod.2711P-T15C2D9P	INSTRUMENT	CU	C	1.00					
3		ELNMDCM0117	N/A	Stratix 5700 Ethernet Managed Switches 4 port RJ45 Mfr. Allen Bradley Mod.1763-BMS06SL	SWITCH	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNMDCM0126	matprimenc	Stratix Fiber SFP - 100 Mbit/connectivity over single-mode fiber Mfr. ALLEN BRADLEY Mod. 1763-SFP100LX	INSTRUMENT	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNACV/S1435	matprimenc	Explosion-Proof Strobe Light, 24Vdc, Color - Amber Mfr. Federal Signal Mod. 27XST-024A-4-MOD	ELECTRONIC COMP	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA With Accessories -Ceiling Mount Mod. CMXC-SB -Dome Guard Mod. DGXC-SB		

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Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



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Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
3		ELNACVS0084	ELECTRONI C	Hazardous Location LED Light, 24Vdc, Mfr. Hoffman Mod. LEDHL24V24		CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTPTR0093	matprimenc	DIN-Rail holder for fuses Class CC: 2 poles Mfr. Bussmann Mod. CHCC2DU	INSTRUMENT	CU	C	5.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNFTT0424	matprimenc	QUINT DC/DC converter 24VDC/48VDC/20A Mca. Phoenix Contact Mod. 800G-DLSM	INSTRUMENT	CU	C	4.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNFTT0144	matprimenc	QUINT-PS/24DC/24DC/20 (2320102) Quint-Diode/12-24DC/2X20/1X40 (2320157)	INSTRUMENT	CU	C	2.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACCD0153	ELECTRONI C	Diode Mfr. Phoenix Contact Mod. QUINT-DIODE/12-24DC/2X20/1X40 (2320157)	INSTRUMENT	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACCD0146	ELECTRONI C	Push Button Emergency Stop Mca. ALLEN BRADLEY Mod. 800G-MPE		CU	C	2.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACSE0147	matprimenc	2-Position maintained Selector Switch, IP66 Mfr. Allen Bradley Mod.800G-SM2		CU	C	4.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACSE0155	matprimenc	Push Button Non-Illum. Color:Black Mfr. Allen Bradley Mod. 800G-F2	INSTRUMENT	CU	C	2.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACSE0156	matprimenc	Pilot Light, Red 24Vdc Mca. ALLEN BRADLEY Mod 800G-P4	INSTRUMENT	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACSE0154	matprimenc	Pilot Light, Yellow 24Vdc Mca. ALLEN BRADLEY Mod 800G-P5	INSTRUMENT	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACSV0103	matprimenc	Pilot Light, Green 24Vdc Mca. ALLEN BRADLEY Mod 800G-P3	INSTRUMENT	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACVS0157	ELECTRONI C	Latch Mount Screw Termination, 2 N C Mca. ALLEN BRADLEY Mod 800G-XLSN		CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACVS1009	ELECTRONI C	Latch Mount Screw Termination, 1 N.O. - 1 N.C., Mca. ALLEN BRADLEY Mod 800G-XLSA		CU	C	4.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACSE0015	matprimenc	Latch Mount Screw Termination, 2 N.O Mca. ALLEN BRADLEY Mod 800G-XLSM	INSTRUMENT	CU	C	2.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACCD0105	matprimenc	Latch Mount Screw Termination Mca. ALLEN BRADLEY Mod 800G-DLSR	800G DLSY	CU	C	1.00					
3		ELTACSE0018	matprimenc	Latch Mount with Screw Termination Power Module, Yellow Lamp Mfr. ALLEN BRADLEY Mod. 800G-DLSY	INSTRUMENT	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNACVS0249	matprimenc	Latch Mount Screw Termination Mca. ALLEN BRADLEY Mod 800G-DLSG	INSTRUMENT	CU	C	9.00			Rev.1 [16.07.19] PAS - SE AGREGA		

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Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

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Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
3		ELTACBR0055	matprimenc	Terminal Block, Connection: Screw connection, Color gray Mca. Phoenix Contact Mod. UT 6 (3044131)	ELTACBR0933	CU	C	10.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELIPTBR0074	matprimenc	Terminal Block, Connection: Screw connection, Color: Gray, Phoenix Contact, Mod. UT 4 (3044102)	INSTRUMENT	CU	C	19.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELIPTBR0094	matprimenc	Disconnect terminal block, AWG: 26 -10 Mfr. Phoenix Contact, Mod. UT 4-TG-PIP-EX (3046169)	INSTRUMENT	CU	C	78.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELIPTBR0095	matprimenc	Fuse plug Mfr. Phoenix Contact Mod. P-FU 5X20 LED 24-EX (3036821)	INSTRUMENT	CU	C	78.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELIPTBR0096	matprimenc	Fuse modular terminal block Mfr. Phoenix Contact, Mod. UT 4L/HESI/LED 24 (5X20) (3214366)	INSTRUMENT	CU	C	36.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACBR1049	11178455	Terminal Block, Connection: Screw, Color: Gray, Phoenix Contact, Mod. UT 2.5 (3044076)	TERMINAL BLOCK	CU	C	136.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELIPTBR0084	matprimenc	Duplicate-level Terminal Block Mfr. Phoenix Contact, Mod. UTTB 2.5 (3044636)	INSTRUMENT	CU	C	35.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNACY/S0206	matprimenc	Plug-in bridge Mfr. Phoenix Contact Mod. FBS 20-5 (3030226)		CU	C	5.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNACY/S0207	matprimenc	3030365 - FBS 20-6 - CONECTOR TRANSVERSAL/PUENTE P/BORNE P/CARRIL NRO DE POLOS:720, COLOR: ?ROJO	INSTRUMENT	CU	C	7.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACBR0799	matprimenc	End Cover, Color: Gray, Phoenix Contact, Mod. D-UT 2.5/10 (3047028)	TERMINAL BLOCK	CU	C	10.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNACY/S0204	11178398	End Clamp, Quick mounting, Color: Gray Phoenix Contact, Mod. CLIPFIX 35-5 (3022276)	INSTRUMENT	CU	C	54.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACVS0804	11178393	Symmetrical RIEL DIN 35MM, Unperforated, ZOLODA, Mod NS 35	ELECTRONIC COMP	M	C	6.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACVS1445	matprimenc	Wiring Duct 3Wx3H, Color Light gray, with cover Mfr. Panduit Mod F3X3LG6+C3LG6	WIRING DUCT	M	C	9.15			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACVS1448	matprimenc	Wiring Duct 2.5Wx3H, Color Light gray, with cover Mfr. Panduit Mod F2.5X3LG6+C2.5LG6	WIRING DUCT	M	C	3.66			Rev.3 - Se reemplaza item (antes decia 2.5Wx2.5H)		
3		ELNACY/S0479	matprimenc	Terminal strip marker carrier/Mfr. Phoenix Contact Mod. KLM 3 (0911969)	INSTRUMENT	CU	C	19.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELIPTVS0042	matprimenc	Grounding Busbars Material: Copper 1/4"x2"x24" Mfr. Thermoweld Mod. CBX1422424	ELECTRONIC COMP	CU	C	1.00			Rev.1 [16.07.19] PAS - SE AGREGA Mounting holes according DWG NO: CD-1990		
3		ELIPTVS0039	matprimenc	Ground bar isolation stand-offs: 600V; Thread Size 1/4"-20x5/16"AL Mfr. Thermoweld Mod. 38-6390-00	ELECTRONIC COMP	CU	C	2.00					

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3X9 DMX10 @6 Et. [MET:S6]



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Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripción Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
3		ELTPTVS0005	matprimenc	Glass Tube Fuse 5 Amps; 125 Volts AC; Physical Size:5mm x 20mm; Cert. "UL" Mfr. Bussmann Mod. GMA-5R	INSTRUMENT	CU	C	15.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTPTVS0006	matprimenc	Fuse Low-Peak Class CC 20 Amps; 600 Volts AC; Cert. UL Mfr. Bussmann Mod. LP-CC-20	INSTRUMENT	CU	C	12.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0148		Cable 10AWG, 600V, 90C, color. Red, Type MTW (UL) Mfr. General Cable Mod. 76832.03	WIRE	M	C	18.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0149		Cable 10AWG, 600V, 90C, color. Black, Type MTW (UL) Mfr. General Cable Mod. 76832.01	WIRE	M	C	18.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0150		Cable 12AWG, 600V, 90C, color. Red, Type MTW (UL) Mfr. General Cable Mod. 76822.03	WIRE	M	C	14.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0102		Cable 12AWG, 600V, 90C, color. Black, Type MTW (UL) Mfr. General Cable Mod. 76822.01	WIRE	M	C	14.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0106		Cable 14AWG, 600V, color. Red, Type MTW (UL) Mfr. General Cable Mod. 76812.03		M	C	9.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0104		Cable 14AWG, 600V, 90C, color. Black, Type MTW (UL) Mfr. General Cable Mod. 76812.01	WIRE	M	C	9.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0139		Cable 16AWG, 600V, 90C, color. Red, Type MTW (UL) Mfr. General Cable Mod. 76512.03	WIRE	M	C	37.00			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELNCBVS0111		Cable 16AWG, 600V, 90C, color. Black, Type MTW (UL) Mfr. General Cable Mod. 76512.01	WIRE	M	C	4.50			Rev.1 [16.07.19] PAS - SE AGREGA		
3		ELTACVS1485		Power Cable 18 AWG, 600V, color: Black; Type TFFN/TEWN, UL, Mfr. ALAN WIRE, Mod. TFFN/TEWN-18-STR-BK	wire	M	C	900.00			Rev.2 [11.11.19] - SE AGREGA		
3		TAG18AE0026-CP	matprimenc	Cartelera en Gral. Control Panel 18AE0026/30	TAG	CU	C	1.00					
3		ELTACVS1413		Power Cable 6AWG, color. Green; Type THWN Mfr. ADVANCE Mod. THHN / THWN-2-6-STR-GN		M	C	8.00			Rev.2 [11.11.19] - SE AGREGA		
3		ELNCBVS0108		Cable 16 AWG, 600V, stranded copper, Type TFFN, color. Green Mfr. General Cable Mod. 28016		M	C	41.00			Rev.2 [11.11.19] - SE AGREGA		
3		ELNCBVS0109		Cable 12 AWG, 600V, Type MTW, color. Green/Yellow stripe Mfr. Atlas Mod. #12 65/30 TC 132" PVC		M	C	27.00			Rev.2 [11.11.19] - SE AGREGA		
3		ELTPTBR0087	matprimenc	Terminal block grounded, screw connection (green) Mfr. Phoenix Contact, Mod. UT 4-GN (3045156)	INSTRUMENT	CU	C	6.00			Rev.2 [11.11.19] - SE AGREGA		

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Description Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip. Material	Nota	Assy Part	Class
3		ELTPTBR0088	matprimenc	Terminal block grounded, screw connection (black/yellow) Mfr. Phoenix Contact, Mod UT 4-FE (3047617)	INSTRUMENT	CU	C	6.00			Rev.2 [11.11.19] - SE AGREGA		
3		ELTPTBR0952	matprimenc	0.5A FUSE, 5 x 20 mm, Mfr: LITTEL FUSE, Mod. 477-500, According UL	INSTRUMENT	CU	C	100.00			Rev.2 [11.11.19] - SE AGREGA		
3		SERV18AE0026-01	matprimenc	Servicio Certificación "UL - Industrial Control Panels"		CU	C	1.00					
2		18AE0026-WP		Cableado Bomba OP- 18AE0026/27, 30	WIR	CU	F	1.00					
3		ELTACVS0627	matprimenc	Junction Box 406x356x152mm; NEMA4X, 316S Mfr. HOFFMAN Mod A1614CHNFS6	ELECTRONIC COMP	CU	C	2.00			Fast-Operating Clamp-Cover Junction Box - Clamp Panels for Junction Boxes		
3		ELTACVS1255	matprimenc	Drain/Breather M20 Mat. SS 316 Mfr. Crouse Hinds Mod. DP-E M20	ELECTRONIC COMP	CU	C	2.00					
3		ELTACVS0625	matprimenc	Myers Ground Hub 1", Mat. Zinc, Mfr. Crouse Hinds Mod. STG3	ELECTRONIC COMP	CU	C	12.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS0340	11178448	Conduit Outlet Box T 1" Mat. Feralloy iron alloy electrogalvanized, Mfr. Crouse Hinds, Mod. GUAT36	ELECTRONIC COMP	CU	C	18.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS0378	matprimenc	Straight Connectors for flexible conduit 3/4", Mat. Steel, Male, Mfr. Crouse Hinds, Mod. LT75	ELECTRONIC COMP	CU	C	44.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS1294	matprimenc	Coupling 3/4" NPT, Mat. Galvanized steel, Mfr. Crouse Hinds, Mod. RC75	ELECTRONIC COMP	CU	C	20.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS0336	11178447	Reducer 1" a 3/4", Mat. Steel Mfr. Crouse Hinds, Mod. RE32	ELECTRONIC COMP	CU	C	19.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS0335	matprimenc	Reducer 1" a 1/2", Mat. Steel Mfr. Crouse Hinds Mod. RE31	ELECTRONIC COMP	CU	C	5.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS0377	matprimenc	Plug 1" NPT, Mat. Steel, Mfr. Crouse Hinds, Mod. PLG3	ELECTRONIC COMP	CU	C	7.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS1287	N/A	Adapter 1/2" NPT (Male) a 3/4" NPT (Female), Mat. Steel Mfr. Crouse Hinds, Mod. REA12		CU	C	24.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS0344	matprimenc	Drain/Breather 1/2", Mat. Stainless steel Mfr. Crouse Hinds, Mod. ECD15	ELECTRONIC COMP	CU	C	7.00			Rev.3 [11.11.19] - SE MODIFICO		
3		CANREC0325		Rigid Conduit 1"NPT Mat. Galvanized steel Cert. UL Mfr. Shamrock Steel Mod. PYTCO		M	C	60.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS0343	matprimenc	UNF305, Union doble H-H, 1", mca. Crouse Hinds, Mod UNF305, mat. Acero	ELECTRONIC COMP	CU	C	5.00			Rev.3 [11.11.19] - SE MODIFICO		

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip.Material	Nota	Assy Part	Class
3		CANRECG0324		Rigid Conduit 3/4"NPT Mat. Galvanized steel , Cert. UL Mfr: Shamrock Steel Mod. PYTCO	CONDUIT	M	C	34.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELTACVS1069		Liquidtight Flexible Steel Conduit U.L. and CSA 3/4" Mca. Electriflex Mod. LA-12		M	C	20.00					
3		ELTACBR1049	11178455	Terminal Block, Connection: Screw, Color: Gray, Phoenix Contact, Mod. UT 2.5(3044076)	TERMINAL BLOCK	CU	C	65.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELIPTBR0090	matprimenc	End Cover, Color: BLUE, Phoenix Contact, Mod: D-UT 2,5/10 BU (3047235)	TERMINAL BLOCK	CU	C	6.00					
3		ELNACVS0204	11178398	End Clamp, Quick mounting , Color: Gray Phoenix Contact, Mod. CLIPFIX 35-51(3022276)	INSTRUMENT	CU	C	8.00					
3		ELTACBR0044	matprimenc	Partition Plate Mca. Phoenix Contact Mod. ATP-JT (item 33047167)	PARTITION PLATE	CU	C	10.00					
3		ELIPTBR1081	11178396	Zack marker strip, white, num. 1 - 10, Mfr. Phoenix Contact, Mod. ZB 5,LGS:FORTL.ZAHLEN(1050017)	MARKER STRIP	CU	C	2.00					
3		ELIPTBR1086	11178397	Zack marker strip, white, num. 11-20, Mfr. Phoenix Contact, Mod. ZB 5,LGS:FORTL.ZAHLEN(1050017)	MARKER STRIP	CU	C	1.00					
3		ELIPTBR1087	11178460	Zack marker strip, white, num. 21-30, Mfr. Phoenix Contact, Mod. ZB 5,LGS:FORTL.ZAHLEN(1050017)	MARKER STRIP	CU	C	1.00					
3		ELIPTBR1088	matprimenc	Zack marker strip, white, num. 31-40, Mfr. Phoenix Contact, Mod. ZB 5,LGS:FORTL.ZAHLEN(1050017)	MARKER STRIP	CU	C	1.00					
3		ELTACVS1477	matprimenc	Wiring Duct 2Wx2H, Color Light Gray, with cover Mfr. Panduit Mod F2X2LG6-C2LG6	WIRING DUCT	M	C	2.00					
3		ELTACVS1199	matprimenc	DIN rail unperforated NS 35/7.5 Mfr: Phoenix Contact , Mod NS 35/7.5 UNPERF- 1000MM (1207649)	ELECTRONIC COMP	M	C	1.00					
3		ELNCBVS0424		Instrument Cable 3x16AWG, Shielded Mca. BELDEN Mod. 1031A		M	C	36.00					
3		ELNCBVS0423		Instrument Cable 2x16AWG, Shielded Mfr. BELDEN Mod. 1030A		M	C	135.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELNCBVS0115		Cable 16AWG, 600V,90C, color: GRN, Type MTW (UL) Mfr. General Cable Mod. 76512.06	WIRE	M	C	198.00			Rev.3 [11.11.19] - SE MODIFICO		
3		ELNCBVS0140		Cable 10 AWG, 600V, 90 °C, color: Green, Type MTW (UL),Mfr. General Cable, Mod: 76832.06	WIRE	M	C	4.00					
3		ELNCBVS0112		Cable 6AWG, 600V, color: Green, Type XHHW-2 (UL) Mfr. General Cable Mod. 5175.006		M	C	4.00					

Nota 18AE0030 - YPF B
Lista de materiales
3X9 DMXH 10@6 Et. [MET:S6]



Lista de Materiales

Parte: 18AE003001

BOMBA CENTRÍFUGA HORIZONTAL AXIALMENTE PARTIDA, MARCA FLOWSERVE MODELO 3X4X9 DMX 6 ET., MET. S-6.

Fecha Efectiva: 28/02/2019

Nivel	Ref	Parte	PCN	Descripcion Parte	Desc. Ingles	UM	C/F	Cant	Drawing/Rev.	Descrip.Material	Nota	Assy Part	Class
3		TAG18AE0026-WP	matprimenc	Cartelera en Gral. Wiring Pump 18AE0026/30	TAG	CU	C	1.00			Rev.1 [27.08.19] PAS - SE AGREGA		
3		ENCCP18AE0026		Tablero Comando Apl 53B Mfr. Delga segun plano ENCCP18AE0026	TDC	CU	C	1.00			Rev.2 [02.10.19] PAS - SE AGREGA		
3		ELNACV03048	matprimenc	EXEF 27 - ENTRERROSCA H7G7 ? 3/4" PULG NPT - EX D II C	ELECTRONIC COMP	CU	C	8.00			Rev.3 [11.11.19] - SE AGREGO		
3		ELTACV05028	matprimenc	EXUMBH127 - UNION DOBLE EX D II B H-H ZN ELECT. DE 3/4"	ELECTRONIC COMP	CU	C	4.00			Rev.3 [11.11.19] - SE AGREGO		
3		ELTACV05005	matprimenc	EXSVH 27 - SELLADOR VERTICAL HORIZ. ALUM. 3/4" NPT IEC	ELECTRONIC COMP	CU	C	4.00			Rev.3 [11.11.19] - SE AGREGO		
3		ELNCBV030283	matprimenc	Cable 4mm2, 450/750V, 70C, color. Black, Mfr. Prysmian Mod. SUPERASTIC JET/FLEX	WIRE	M	C	54.00			Rev.3 [11.11.19] - SE AGREGO		
3		ELNCBV03004	matprimenc	Cable 4mm2, 450/750V, 70C, color. Green/Yellow, Mfr. Prysmian Mod. SUPERASTIC JET/FLEX	WIRE	M	C	18.00			Rev.3 [11.11.19] - SE AGREGO		
3		ELIPTCT0053	SIN DATO	Contacto tripolar 1h3A / 400V 50Hz, 4kW, bob.220VCA/CC, 1NA+1NC Mca Schneider Mod.LC1D09M7	ELECTRONIC COMP	CU	C	2.00			Rev.4 - Se agrega articulo		
3		SOPSTD007		SOPORTE STD. Para JBL 1500	LOS	CU	F	1.00					
4		ACCPFP1002	matprimenc	PERFIL TIPO IPN8-ASTM A 36- ACERO AL CARBONO	SHAPE	M	C	1.50					
4		PLAPCAC0025	matprimenc	PLANCHUELA 3"x1/4"- ACERO AL CARBONO	PLATE	M	C	0.16					
3		ELNCBV00143		Spaguetti alta temperatura caucho siliconado 200°C Diámetro 10mm MOD. SP-CA/SI-10MM	WIRE	M	C	8.00					

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Lista de materiales
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