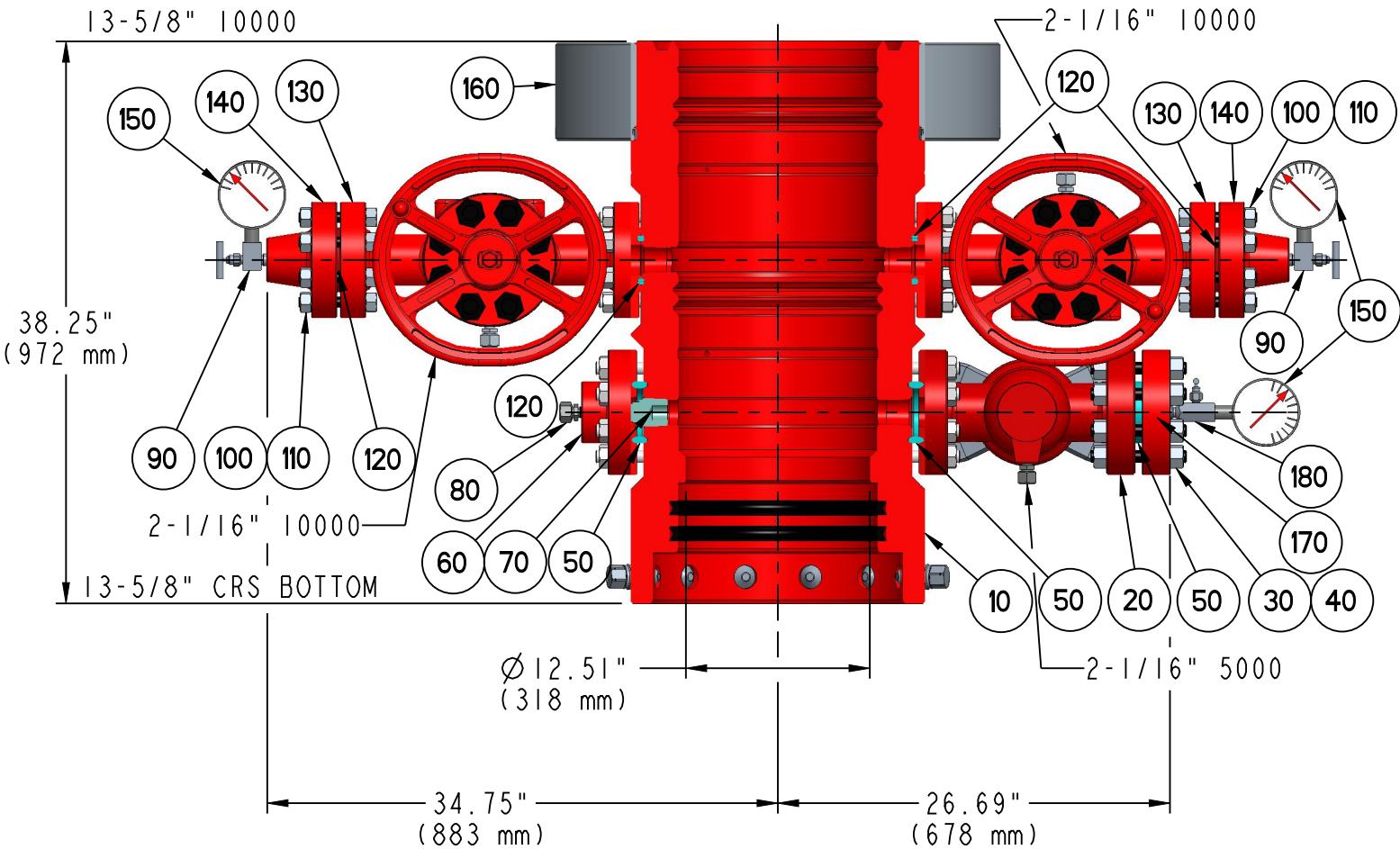


PART NUMBER	HEAT TREAT	MATERIAL		WEIGHT APPROX	YPF ARGENTINA CATALOG DRAWING DMLX CASING HEAD ASSEMBLY FOR 13-5/8" 10000 THREE STRING SYSTEM COMPLETE WITH CRS QUICK CONNECT OEC BOTTOM X 13-5/8" 10000 RSF THREADED FLANGE TOP ONE 2-1/16" 5000 GATE VALVE ON THE LOWER OUTLET, TWO 2-1/16 10000 VALVES ON THE UPPER OUTLETS (ONE EACH SIDE)	DWG. No. RB-43012
		SPEC	DWG No	3292 lbs		REV: 1 SHEET 1 OF 2
30204273 (LEGACY PN: WH-23108)				SCALE 0.085		



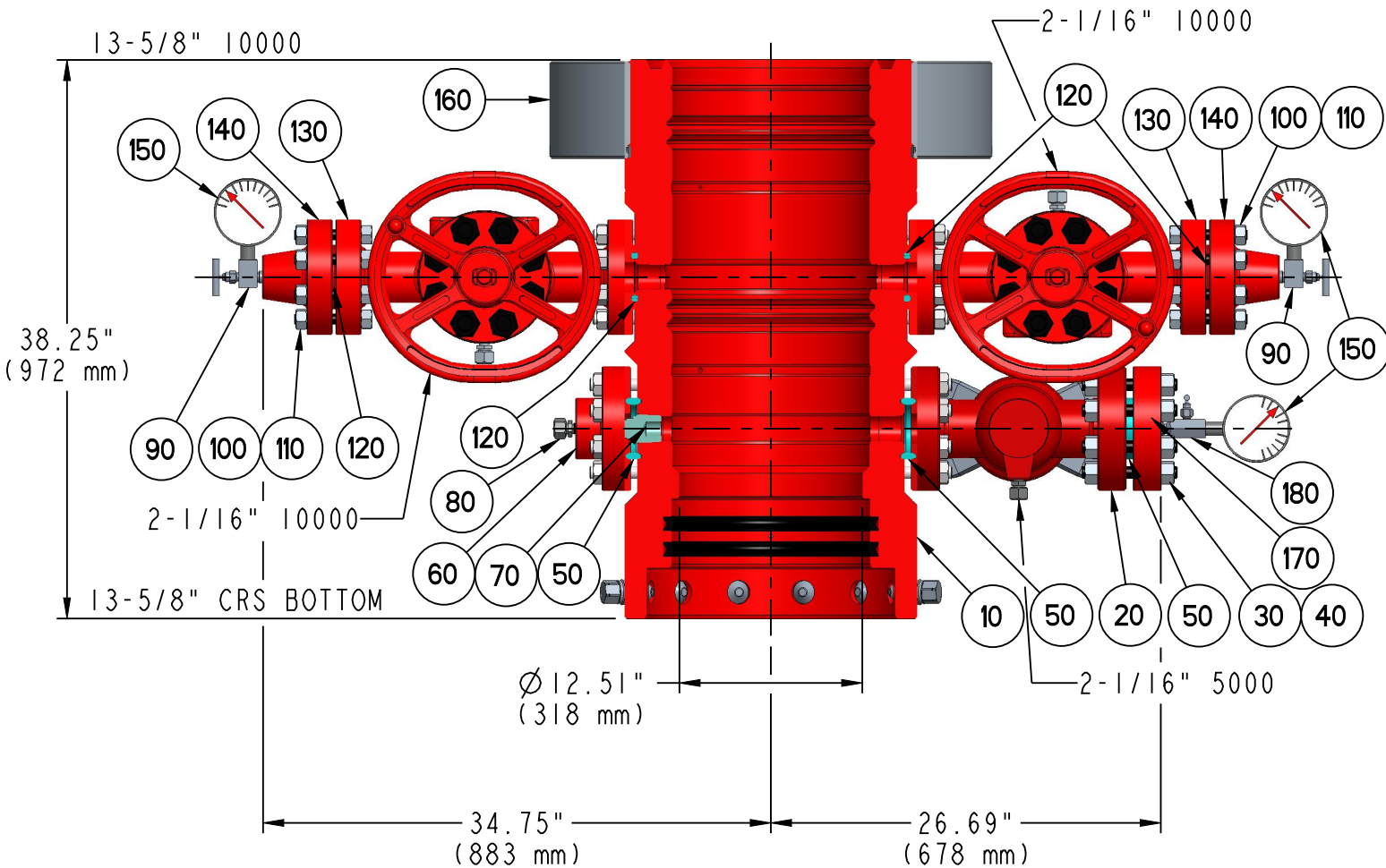
LIST OF MATERIAL			
ITEM	PART NUMBER	DESCRIPTION	QTY.
10	30201807	STREAM-FLO CROWN CASING HEAD (THREE STRING) DMLX 19.500-2 STUB ACME-2G RH PIN THREAD TOP FOR 13-5/8 10000 RSF THREADED FLANGE RING AND BX-159 RING GROOVE OEC X 13-3/8 TYPE CRS QUICK CONNECT OEC BOTTOM WITH BUILT-IN 13-3/8 FS SEALS TWO LOWER 2-1/16 5000 STUDDED SIDE OUTLETS WITH 1.900 VR THREAD AND TWO UPPER 2-1/16 10000 STUDDED SIDE OUTLETS WITH 1.900 VR THREAD NO FLUTES NO LANDING CENTRALIZER 12.51 BORE 20.00 OD 38.25 LONG API 6A PUDD PSL-2 PR2 *THREADED FLANGE 30021727	1
20	30001419	GATE VALVE 2-1/16 API 5000 FLANGED ENDS LD TRIM API 6A LUDD PSL-2 PR2	1
30	10013211	STUD 7/8 9UNC X 6-1/2 FULL THREAD MINIMUM (6-3/4 OVERALL LENGTH MAXIMUM) ASTM A193 GRADE B7 STANDARD SERVICE API 6A BSL-1	8
40	10007531	NUT 7/8 9UNC ASTM A194 GRADE 2H STANDARD SERVICE API 6A BSL-1	16
50	10011866	RING GASKET RX-24 LOW CARBON STEEL PLATED S-4 API 6A	3
60	30201696	STREAM-FLO CROWN BLIND FLANGE 2-1/16 5000 X 1/2 LP WITH 2.06 DIAMETER X 2.75 DEEP COUNTERBORE FOR VR PLUG API 6A LUDD PSL-2	1
70	30022883	VALVE REMOVAL PLUG FOR 2-1/16 2000 TO 10000 PSI OUTLETS 1.900 SHARP-V THREAD X 1-1/4 HEX END API 6A DD	1
80	10006178	GREASE FITTING 1/2 NPT AISI 4140 BODY VENTED CAP WITH GIANT BUTTON HEAD ZINC-COBALT PLATED NACE MR0175 10000 PSI RWP	1
90	10008356	NEEDLE VALVE ANGLE 1/2 NPT MALE X FEMALE 10000 psi RWP CARBON STEEL	2
100	10013052	STUD 3/4 10UNC X 5-1/4 FULL THREAD MINIMUM (5-1/2 OVERALL LENGTH MAXIMUM) ASTM A193 GRADE B7 STANDARD SERVICE API 6A BSL-1	16
110	10007501	NUT 3/4 10UNC ASTM A194 GRADE 2H STANDARD SERVICE API 6A BSL-1	32
120	10011674	RING GASKET BX-152 LOW CARBON STEEL PLATED S-4 API 6A	4
130	30001584	STREAM-FLO CROWN GATE VALVE MODEL SL-3 2-1/16 API 10000 FLANGED ENDS T-25 TRIM API 6A PUEE-0.5 PSL-2 PR2F	2
140	30028918	BLIND FLANGE 2-1/16 10000 X 1/2 LP API 6A LUEE PSL-2	2
150	10006108	PRESSURE GAUGE 0-10000 PSI DUAL SCALE 1/2 LP LOWER MOUNT 316SS CONNECTION 4 FACE SILICONE FILLED NACE MR0175	3
160	30028915	STREAM-FLO CROWN THREADED FLANGE RING RSF 13-5/8 10000 FLANGE BOLT PATTERN X 19.500-2 STUB ACME-2G RH INTERNAL THREADS 6.62 LONG NITRIDE HARDENED API 6A LUDD PSL-2	1
170	30005993	BLIND FLANGE 2-1/16 5000 X 1/2 LP API 6A LUDD PSL-2	1
180	10008362	NEEDLE VALVE STRAIGHT 1/2 NPT MALE X FEMALE 10000 psi RWP CARBON STEEL	1

				DWN.	AT	01-30-23	ALL DIMENSIONS IN INCHES		
				CHCK.	JG	03-09-23	UNLESS OTHERWISE NOTED:		
				APPR.	RM	03-09-23	.X +/- .1	ANGLE +/- 1/2°	
REV.	EC	BY	DATE		BY	DATE	.XX +/- .02	RAD II .05	
							.XXX +/- .005	T.I.R. .010	

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**4505 - 74 AVE.
EDMONTON, ALTA.
CANADA**

PART NUMBER	HEAT TREAT	MATERIAL		WEIGHT APPROX	YPF ARGENTINA CATALOG DRAWING DMLX CASING HEAD ASSEMBLY FOR 13-5/8" 10000 THREE STRING SYSTEM COMPLETE WITH CRS QUICK CONNECT OEC BOTTOM X 13-5/8" 10000 RSF THREADED FLANGE TOP ONE 2-1/16" 5000 GATE VALVE ON THE LOWER OUTLET, TWO 2-1/16 10000 VALVES ON THE UPPER OUTLETS (ONE EACH SIDE)	DWG. No. RB-43012
		SPEC	DWG No	3292 lbs		REV: 1 SHEET 2 OF 2
30204273 (LEGACY PN: WH-23108)				SCALE 0.085		



LISTA DE MATERIALES			
ARTICULO	NUMERO DE PARTE	DESCRIPCION	CANT.
10	30201807	CABEZAL DE CASING STREAM-FLO CROWN CFB CON ROSCA SUPERIOR 19.500-2 STUB ACME-2G RH PIN PARA CONECTAR BRIDA ROSCADA RSF DE 13-5/8" 10000 psi CON RANURA PARA ANILLO BX-159 Y PREPARACIÓN INFERIOR CON CONECTOR RÁPIDO TIPO CRS 13-3/8" Y SELLOS 13-3/8" INCORPORADOS INCLUYE DOS SALIDAS laterales INFERIORES ESPARRAGADAS DE 2-1/16" 5000 psi Y DOS SALIDAS SUPERIORES ESPARRAGADA DE 2-1/16" 10000 psi TODAS CON ROSCA VR 1.900; 12.51 BORE; 20" DE Y 38.25" LARGO; API 6A PUDD PSL-2 PR2 *USE CON BRIDA ROSCADA 30021727*	1
20	30001419	VALVULA ESCLUSA EXTREMOS BRIDADOS 2-1/16" API 5000, API 6A LU/DD/PSL-2 PR-2	1
30	10013211	ESPARRAGO 7/8 8UNC TOTALMENTE ROSCADO 6-1/2" LARGO (6-3/4" LARGO MAXIMO) ASTM A193, GR B7 SERVICIO STANDARD API 6A BSL-1	8
40	10007531	TUERCA 7/8 9UNC ASTM GR 2H SERVICIO STANDARD BSL-1	16
50	10011866	ANILLO EMPAQUETADOR RX-24 ACERO DE BAJO CARBONO CON RECUBRIMIENTO ANTICORROSIVO S-4 API 6A	3
60	30201696	BRIDA CIEGA STREAM-FLO CROWN 2-1/16" 5000 X 1/2" LP CON RECESO PARA ALOJAR TAPON VR API 6A LU/DD/PSL-2	1
70	30022883	TAPON VR SOLIDO CON ROSCA 1.900 SHARP VEE PARA 2-1/16" 2000-10000 psi X 1-1/4 EXTREMO EXAGONAL SEGUN API6A DD	1
80	10006178	GRASERA 1/2"NPT AISI 4140 CON TAPON DE VENTEO, RCUBRIMIENTO DE ZINC-COBALTO 10000psi	1
90	10008356	VALVULA AGUJA 1/2" NPT 90 GRADOS MACHO-HEMBRA 10000PSI ACERO AL CARBONO	2
100	10013052	ESPARRAGO 3/4 10UNC TOTALMENTE ROSCADO 5-1/2" LARGO ASTM A193, GR B7 SERVICIO STANDARD API 6A BSL-1	16
110	10007501	TUERCA 3/4" 10UNC ASTM A194 GRADO 2H SERVICIO STANDARD API 6A BSL-1	32
120	10011674	ANILLO EMPAQUETADOR OVAL BX-152 ACERO DE BAJO CARBONO CON RECUBRIMIENTO ANTICORROSIVO S-4 API 6A	4
130	30001584	VALVULA ESCLUSA EXTREMOS BRIDADOS MODELO STREAM-FLO SL-3, 2-1/16" API 10000, TRIM T-25, API 6A PU/EE-0,5/PSL-2 PR2F	2
140	30028918	BRIDA CIEGA 2-1/16" 10000 X 1/2" LP API 6A LU/EE/PSL-2	2
150	10006108	MANOMETRO 0-10000 psi ESCALA DUAL 1/2" NPT ACERO 316SS CON BANO DE SILICONA NACE MR0175	3
160	30028915	BRIDA GIRATORIA CON ROSCA INTERNA 19.500-2 STUB ACME-2G RH 13-5/8" 10000, API 6A LU/DD/PSL-2	1
170	30005993	BRIDA CIEGA 2-1/16" 5000 X 1/2" LP API 6A LU/EE/PSL-2	1
180	10008362	VALVULA AGUJA RECTA 1/2 NPT MACHO-HEMBRA 10000PSI ACERO AL CARBONO	1

				DWN.	AT	01-30-23	ALL DIMENSIONS IN INCHES		THIS DOCUMENT IS A PROPERTY OF STREAM-FLO INDUSTRIES LTD. AND NOT TO BE USED IN ANY WAY PREJUDICIAL TO THEIR INTERESTS. ALL PROPRIETARY RIGHTS RESERVED.		4505 - 74 AVE. EDMONTON, ALTA. CANADA
				CHCK.	JG	03-09-23	UNLESS OTHERWISE NOTED:				
				APPR.	RM	03-09-23	.X +/- .1	ANGLE +/- 1/2°			
REV.	EC	BY	DATE		BY	DATE	.XX +/- .02	RAD II .05			
							.XXX +/- .005	T.I.R. .010			