



三原银达石油机械有限公司
Sanyuan YinDa Petroleum Machinery Co., Ltd.
Компания «Нефтяное оборудование Иньда Саньюани»

Southwest 12P160 Fluid end

8476-A	FLUID END ASSEMBLY: (CONSISTS OF ITEMS: 3,4,16,17,18,19,20,21,22,23,24,25,26,27,28,29,32,33,34,47)	3	
1	1376YXX	LINER (REFER TO GUIDE TO ORDERING CHART ON PG. 6 FOR TYPE (Y) AND FOR SIZE (XX))	3
2	2930-XX	LINER SEAL (REFER TO GUIDE TO ORDERING CHART ON PG. 6 FOR TYPE AND SIZE (XX))	3
3	8476-3	LINER WEARPLATE	3
4	2988	WEARPLATE AND MODULE SEAL	6
5	XX-BYY	PISTON REFER TO GUIDE TO ORDERING CHART ON PG. 6 FOR SIZE (XX) AND FOR TYPE (YY)	3
6	568-225	PISTON SEAL	3
7	1286-32	PISTON ROD (WITH ELASTIC STOP NUT) *TORQUE TO 1000 FT.LBS	3
8	API-4 ESN	PISTON ROD NUT	3
9	1286-1	SUB ROD	3
10	1286-CWY	ROD CLAMP (WITH WATER JACKET)	6
10A	1200H30	HOSE (1/2" X 30" WITH 1/2" MALE X 3/8" MALE CONNECTIONS)	3
10B	1200140	PIPE (3/8" X 14" GALVANIZED AND THREADED ON ONE END)	3
10C	4018-92	BOLT (5/8-7" GRADE 8 BOLT WITH LOCK NUT AND	12

		WASHER) *TORQUE TO 150 FT.LBS	
11	1200G86	PONY ROD	3
12	SEE PAGE 6	VALVE COMPLETE	6
13	SEE PAGE 6	VALVE INSERT	6
14	SEE PAGE 6	VALVE SPRING	6
15	SEE PAGE 6	SEAT	6
HP-1700	HYDRAULIC SEAT PULLER KIT COMPLETE (REFER TO TOOLS SECTION OF CATALOG FOR DETAILS.)		
4476-2A	SOUTHWEST HP QUICK-CHANGE VALVE COVER ASSEMBLY: (CONSIST OF ITEMS NO. 16-23)		6
16	4476	THREADED FLANGE	6
17	4597	SCREW GLAND	6
18	4676-2A	PLUG (COMPLETE WITH VALVE GUIDE; SCREWS; AND BUSHING)	6
19	P-107	HP VALVE COVER PLUG SEAL	6
20	4776R	VALVE GUIDE (complete with bushing #4700-I)	6
21	4700-I	VALVE GUIDE BUSHING	6
22	4016-98	VALVE GUIDE SCREW	12
23	4015-54	VALVE COVER STUDE (WITH 1-1/2" HEAVY HEX NUT) * TORQUE TO 2400 FT.LBS	72
24	4015-95	POWER END STUDE (WITH 1-3/8" HEAVY HEX NUT) * TORQUE TO 1775 FT.LBS	30
25	4017-65	LINER RETAINER SOCKET HEAD CAP SCREW *TORQUE TO 1050 FT.LBS	18
26	6476	LINER RETAINER FLANGE	3

ITEM NO.	PART NO.	DESCRIPTION	QTY. REQ' D
27	6576	LINER RETAINER NUT	3
28	4018-17	SUCTION MODULE STUD (WITH 1-3/4" HEAVY HEX	18

		NUT) *TORQUE TO 3600 FT.LBS	
29	4018-19	SUCTION MANIFOLD CAP SCREW (WITH LOCK WASHER) *TORQUE TO 500 FT.LBS	24
30	80371292	SUCTION MANIFOLD (FRONT OR SIDE INLET)	1
31	AJO-419R	SUCTION MANIFOLD GASKET	3
32	8476-2S	SUCTION MODULE (STUDED ONLY)	3
33	8476-1D	DISCHARGE MODULE (STUDED ONLY)	3
34	8488-5	DOWEL PIN	6
ITEMS NUMBERS 35 THRU 46 ARE NOT SHOWN INTENTIONALLY.			
47	4018-18	DISCHARGE CONNECTOR CAP SCREW (WITH LOCK WASHER)	16
48	4018-39	DISCHARGE SPACER FLANGE SOCKET HEAD CAP SCREW *TORQUE TO 2600 FT.LBS	16
49	8376-1	DISCHARGE CONNECTOR	2
50	8376-2	DISCHARGE ADAPTER	2
51	8376-3	BACK-UP RING	4
52	8376-4	DISCHARGE SPACER FLANGE	2
53	2976-3	DISCHARGE SPACER FLANGE SEAL	2
54	2976-1	DISCHARGE CONNECTOR / ADAPTER PACKING	2
55	2976-2	DISCHARGE CONNECTOR / ADAPTER PACKING	4
56	R-44D	RING GASKET	2
57	4017-22	DISCHARGE SPACER FLANGE STUD (WITH 1-1/2" 6 HEAVY HEX NUT)	

SIZE	FAIL-SAFE	DUAL-DURO®	GRAYLOY®	CHROME	DURA-CARB	ZIRCONIA	RUBBER	URETHANE
4"	76-BFS	76-BDD	1376G-06	1376ZIR-06	2930-06	2930-06U		
4 1/4"	77-BFS	77-BDD	1376G-07	2930-07	2930-07U			
4 1/2"	78-BFS	78-BDD	1376G-08	1376ZIR-	2930-08	2930-08U		

				08			
4 3/4"	79-BFS	79-BDD	1376G-09	2930-09	2930-09U		
5"	81-BFS	81-BDD	1376G-1	1376ZIR-1	2930-1	2930-1U	
5 1/4"	82-BFS	82-BDD	1376G-2	2930-2	2930-2U		
5 1/2"	83-BFS	83-BDD	1376G-3	1376ZIR-3	2930-3	2930-3U	
5 3/4"	84-BFS	84-BDD	1376G-4	2930-4	2930-4U		
6"	85-BFS	85-BDD	1376G-5	1376ZIR-5	2930-5	2930-5U	
6 1/4"	86-BFS	86-BDD	1376G-6	2930-6	2930-6U		
6 1/2"	87-BFS	87-BDD	1376G-7	1376ZIR-7	2930-7	2930-7U	
6 3/4"	88-BFS	88-BDD	1376G-8	2930-8	2930-8U		
7"	89-BFS	89-BDD	1376G-9	1376ZIR-9	2930-9	2930-9U	
7 1/4"	110-BFS	110-BDD	1376G-10	2974-11	2974-11U		
7 1/2"	111-BFS	111-BDD	N/A	1376C11	1376-11	2974-11	2974-11U
VALVE INSERT SPRING STAINLESS SPRIN SEAT PULLER HEAD TYPE							
777-8	977	951	N/A	877-8	SWTM-4250	FULL OPENING	
SWR-0500110	SWR-0514275	SWR-0513744	SWR-0514790	SWR-0514299	SWTM-3-7T	*DBL-ANGLE O-RING	
SWR-0505062	SWR-0504893	SWR-0513937	SWR-0514423	SWR-0514299	SWTM-3-7T	*STANDARD PLATE	
* CENTER GUIDED VALVES AND SEATS							
VALVES & SEATS							