



Ⓐ PART LIST 48" RWGV ASSEMBLY WITH SPUR GEAR OPERATOR SHOWN 19300 lbs (approx.)

ITEM	DESCRIPTION	Ⓐ PART NO.	REQ'D	MATERIAL	ASTM	
1	WRENCH NUT (SEE NOTE 6)Ⓒ	532827	1	CAST IRON	A126	CLASS B
2	SET SCREW	536481	1	STEELⒸ		
3	SPUR GEAR (SEE NOTE 5)Ⓒ		1			
4	HEX BOLT 3/4" x 6.00"	536521	4	STEEL		SEE NOTE 3
5	ADAPTER	533863	1	HOT ROLLED STEEL	A36	
6	STUFFING BOX w/SPUR GEAR	533887	1	HOT ROLLED STEEL	A36	
7	HEX NUT 3/4"	193814	4	STEEL		SEE NOTE 3
8	SO. HEAD PIPE PLUG 1/4-18NPT	199177	1	316 S. STEEL		
9	O-RING 5 1/8"x5 3/8"x 1/8" #251	195186	1	RUBBER	D2000	EPDMⒹ
10	O-RING 3 3/8" x 3 3/4" x 3/16" #340	533893	3	RUBBER	D2000	EPDMⒹ
11	O-RING 6 1/4"x6 5/8"x 3/16" #362	195926	1	RUBBER	D2000	EPDMⒹ
12	ANTI-FRICTION (THRUST) WASHER	533892	2	BRASS		HARD CDA260
13	SOCKET HEAD BOLT 3/4"x2 1/4"-BEVEL GEAR	533872	4	STEEL		SEE NOTE 3
14	SOCKET HEAD BOLT 3/4"x1 1/2"-SPUR GEAR	Ⓐ 536759	4	STEEL		SEE NOTE 3
15	HEAVY HEX NUT 1"	193640	4	STEEL		SEE NOTE 3
16	EYEBOLT 1 1/2"	536108	2	STEEL		GALVANIZED
17	HEX NUT 1 1/2"	536135	2	STEEL		SEE NOTE 3
18	BONNET BUSHING	533885	1	BRONZE	B62	
19	STEM	533889	1	BRONZE		SEE NOTE 1
20	BONNET	533878	1	DUCTILE IRON	A536	GRADE 65-45-12
21	HEX BOLT 1 1/4" x 9 1/2"	536757	Ⓒ28	STEEL		SEE NOTE 3
22	HEX NUT 1 1/4"	536134	Ⓒ28	STEEL		SEE NOTE 3
23	BONNET O-RING	536536	1	RUBBER	D2000	EPDMⒹ
24	BODY	SEE BODIES	1	DUCTILE IRON	A536	GRADE 65-45-12
25	DISC NUT	533883	1	BRONZE	B62	
26	ENCAPSULATED DISC	533880	1	SEE NOTE 2		
27	GUIDE CAP	533891	2	CELCON		M90

4" RWGV BY-PASS PART LIST 210lbs (approx.)

28	BY-PASS VALVE ASSEMBLY	040A236006LN	1			SEE NOTE 4
29	PIPE NIPPLE w/FLANGE	533868	2	STEEL		
30	90° ELBOW - SHORT	533869	2	STEEL		
30b	SPACER	536758	1	STEEL		
31	FLANGE GASKET	533870	Ⓐ 5	RUBBER		
Ⓐ 32	⌀3/4" HEX BOLT (SHORT)Ⓒ		Ⓐ22	STEEL		SEE NOTE 3
Ⓐ 32b	⌀3/4" HEX BOLT (LONG)		6	STEEL		SEE NOTE 3
Ⓐ 32c	⌀3/4" THREADED STUD (LONG)		2	STEEL		SEE NOTE 3
32d	⌀3/4" THREADED STUD (SHORT)		2	STEEL		SEE NOTE 3
33	HEX NUT 3/4"		Ⓐ36	STEEL		SEE NOTE 3

BEVEL GEAR PART LIST

Ⓐ 34	BEVEL GEAR (SEE NOTE 5)Ⓒ		1	STEEL		
Ⓐ 35	HEX CAP SCREW METRIC 10mm x 1.5 x 30mm	199738	1	BRASS		
Ⓐ 36	WASHER	198749	1	BRASS		
Ⓐ 37	STEM NUT	536461	1	STEEL		
Ⓐ 38	KEY .5"x3" (USED WITH SPUR/BEVEL GEARING)	155233	1	STEEL		
Ⓐ 39	CAP SCREW 3/4" x 1" Ⓐ (SPUR/BEVEL)	190566Ⓐ	1	STEEL		SEE NOTE 3
Ⓐ 40	HOLD DOWN WASHER (USE w/SPUR/BEVEL)	533895	1	STEEL		SEE NOTE 3
Ⓐ 40a	PIPE PLUG 3"	Ⓒ 091429	1	SUPPLIED WITH GEARⒸ		

POSITION INDICATOR PART LIST

41	HOUSING SUB ASSEMBLY		1	STEEL		
42	DECAL FOR POSITION INDICATOR		1			
43	WINDOW GASKET		1			
44	INDICATING STEM 42" RWGV OL		1	BRONZE		
45	POINTER POSITION INDICATOR OL		1	BRONZE		
46	WINDOW		1	PLEXIGLAS/LEXAN		

BODY END CONFIGURATIONS

47	FLANGE x FLANGE BODY	545584M/533875M	Ⓐ 1	DUCTILE IRON	A536	GRADE 65-45-12
48	MECH. JOINT x MECH. JOINT BODY	545585M/533876M	Ⓐ 1	DUCTILE IRON	A536	GRADE 65-45-12
49	FLANGE x MECH. JOINT	545586M/533877M	Ⓐ 1	DUCTILE IRON	A536	GRADE 65-45-12
50	MECH. JOINT x FLANGE TAPPING BODY	546056M/543077M	Ⓐ 1	DUCTILE IRON	A536	GRADE 65-45-12
51	FLANGE x FLANGE TAPPING BODY	546111M/546049M	Ⓐ 1	DUCTILE IRON	A536	GRADE 65-45-12
52	PIPE PLUG		2	SUPPLIED WHEN TAPPED		

NOTES:
 1 BRONZE ASTM B584 ALLOY C86200
 2 RUBBER ENCAPSULATED DUCTILE IRON DISC
 3 BOLTS - SAE J429 GRADE 2 FASTENERS - PLATED TO ASTM F1941 CLASS FxZn 12C NUTS - ASTM A563 GRADE B
 4 BY-PASS VALVE
 5 VALVES TO BE FURNISHED WITH ONE OF THE LISTED OPERATORS AT THE MANUFACTURER'S DISCRETION
 6 MANUFACTURER'S OPTION TO UPGRADE MATERIAL TO DUCTILE IRON A536 GRADE 65-45-12
 7 UNLESS OTHERWISE NOTED
 8 BREAK CAST CORNERS!
 9 BREAK MACH CORNERS!
 10 TOLERANCES
 11 UNLESS OTHERWISE NOTED
 12 ANGULAR
 13 STR. NO.

APPROVED
 By Charles Graham Hines at 1:06 pm, Oct 09, 2012

Mueller Co.
 48" RWGV
 250-PSI AWWA C515
 536570

536570

ECO 1359744	48" WAS 42" IN TITLE	ADDED 536759	28 WAS 24	14 WAS 13	ECO 1425158	SHORT WAS LONG	ECO 1437368	ADDED ITEM 6	ECO 1458241	ADDED NOTE 6	ECO 1603313	545584M/533875M WAS 533875
ECO 1359745	ADDED PART #'S	ADDED 59.50, 60.4	28 WAS 24		ECO 1405481	ADDED STEEL	ECO 1437368	CHANGED NOTE 5 TO OPTIONAL GEARING	ECO 1458241	CHANGED NOTE 5 TO OPTIONAL GEARING	ECO 1603313	545585M/533876M WAS 533876
ECO 1359746	FOR ITEMS 1-27, 30b, 47-49	ADDED 50.98	091429 WAS 091492		ECO 1405481	MOVED ITEMS	ECO 1437368	CHANGED ITEM 40A TO SUPPLIED WITH GEAR	ECO 1458241	CHANGED ITEM 52, DETAIL VIEW	ECO 1603313	545586M/533877M WAS 533877
ECO 1359747	ADDED ITEMS 30b, 32b, 32c, & 32d	5 WAS 4	44.72 WAS 45.00		ECO 1405481	34-40b UNDER	ECO 1437368	ADDED ITEM 40A TO SUPPLIED WITH GEAR	ECO 1458241	ADDED ITEM 52, DETAIL VIEW	ECO 1603313	546056M/543077M WAS NOT OFFERED
ECO 1359748	588 WAS 516 ; 13 WAS 4	36 WAS 32	43.86 WAS 44.00		ECO 1405481	MAIN PART LIST	ECO 1437368	ADDED ITEM 52, DETAIL VIEW	ECO 1458241	ADDED ITEM 52, DETAIL VIEW	ECO 1603313	546111M/546049M WAS NOT OFFERED
ECO 1359749	ADDED NOTES	596 WAS 588	57.500 WAS 50.62		ECO 1405481	ECO 03/30/07	ECO 1437368	ECO 07/03/07	ECO 1458241	ECO 07/03/07	ECO 1603313	JAB 10/09/12
ECO 1359750	CAP 09/30/07	CAP 11/04/05	56.000 WAS 49.500		ECO 1405481	KWE 10/06/06	ECO 1437368		ECO 1458241		ECO 1603313	