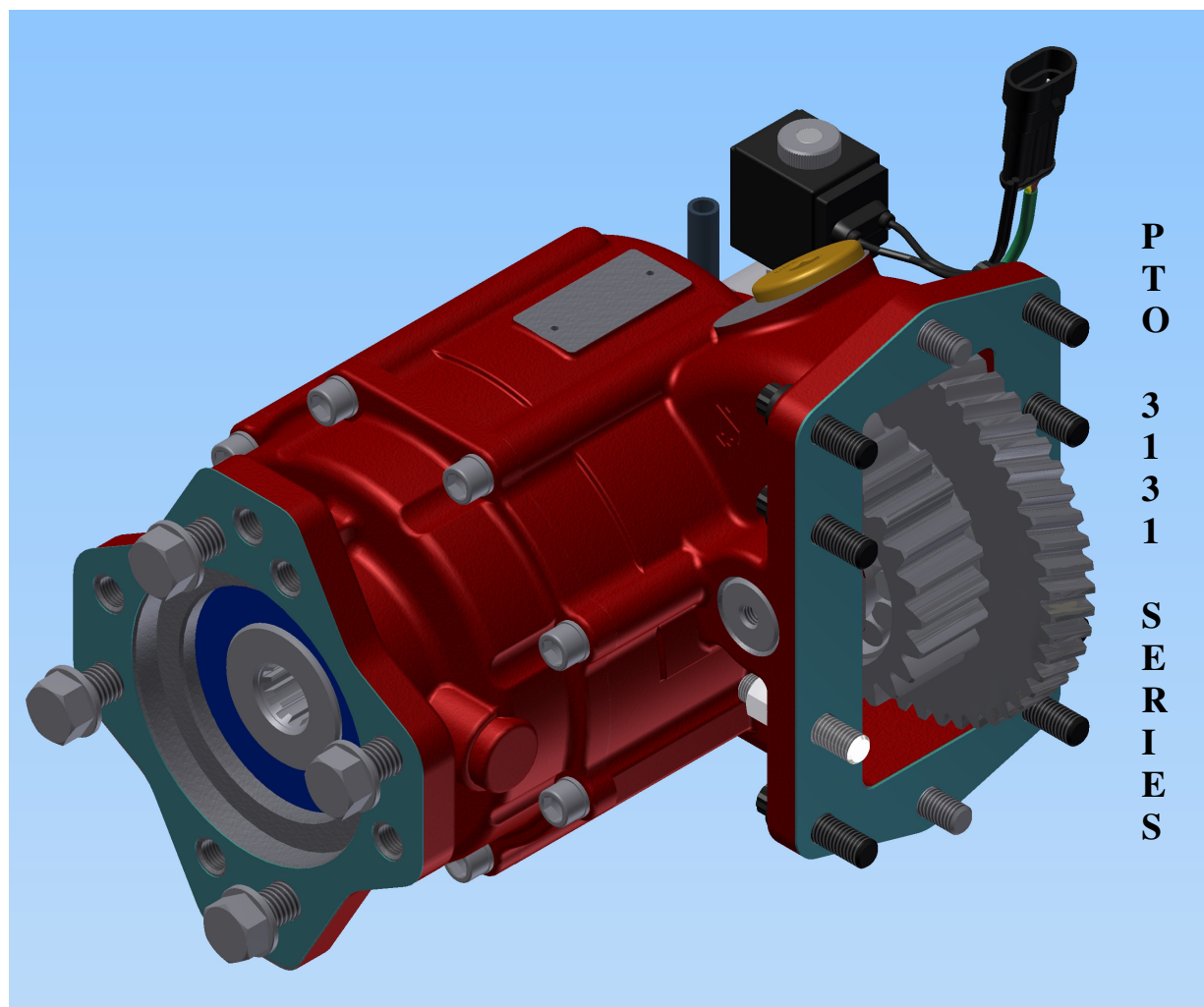


BZ

bezaresusa

PTO 3131 SERIES

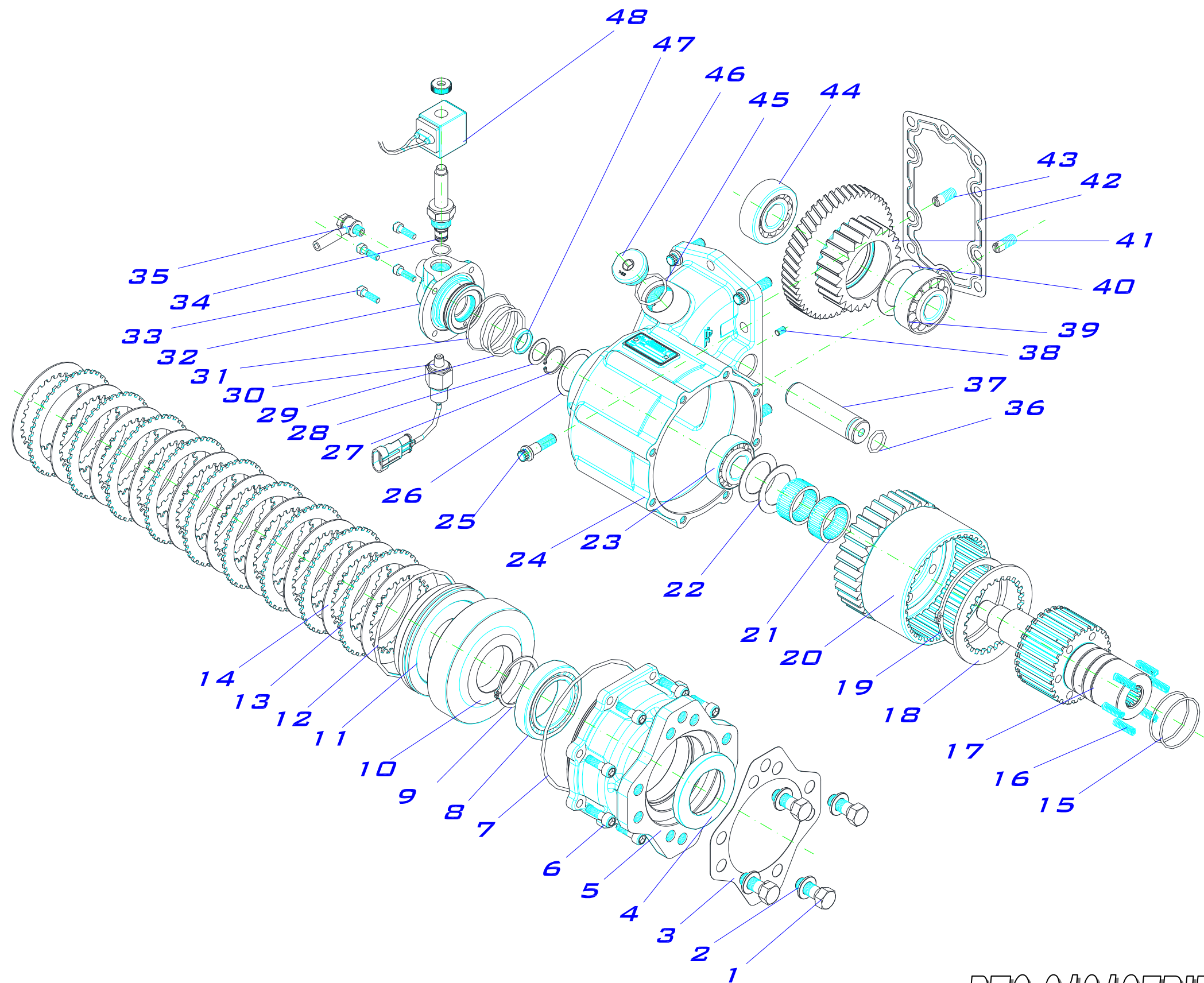
PART LIST



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PTO 3131 SERIES SAE "BB" 2 1/4 BOLT

PTO 3131 SERIES SAE "BB" 2/4 BOLT HYDRAULIC SHIFT

ITEM	QT.	DESCRIPTION	DIMENS.	PART NUMBER	BZ USA P/N
1	4	Screw DIN 931, hex head	1/2" 13h UNC x 32	116020025	CS025
2	4	Washer DIN 125	Ø 13	102010005	WA005
3	1	Gasket		108010091	GA091
4	1	Oil seal (VITON)	50 x 80 x 8	112110007	SE011
5	1	Housing flange, open end		202100311	FL311
6	8	Screw allen head DIN 912	M8 x 25	116010009	AS009
7	1	O-ring (VITON)	134.5 x 3	107100054	
8	1	Conical bearing 32010X	50 x 80 x 20	113300021	RB021
9	1	Snap ring DIN 471	Ø 50	101010009	SR009
10	1	Clutch back-up cylinder		202029181	CC181
11	1	Piston		204010481	PI481
12	1	O-ring (VITON)	110 x 3	107100013	OR052
13	9	Outer clutch leaf .		100110002	CP002
14	10	Inner clutch leaf .		100110001	FD001
15	2	O-ring (VITON)	46 x 2	107100014	OR057
16	6	Spring		109010102	
17A	1	Shaft PTO 3131 Z=15		203027401	
17B	1	Shaft PTO 3131 Z=13		203028081	
18	1	Toothed washer		209019201	WA201
19	1	Circlip DIN 471	Ø 85	101010029	SR029
20	1	Gear PTO allison 10T		Table 2.	
21	2	Bearing K	35 x 42 x 18	113010015	RB015
22	2	Axial disc AS 3552	35 x 52 x 1	114010002	WA002
23	1	Conical bearing 33205	25x52x22	113300027	
24A	1	Housing PTO 3131 (Position 1.)		9076199	
24B	1	Housing PTO 3131 (Position 3.)		9074699	
25	8	Male Torx Screw 10.9	M10x35	116080015	
26	*	Fitting washer DIN 988 (As adjusting)	42 x 52 x 0.1	103010027	WA027
27	1	Circlip DIN 472	Ø 28	101020028	SR028
28	1	Washer PS	20x28x1	114010012	
29	2	O-ring (VITON)	44 x 2.62	107100061	
30	1	Hydraulic pressure switch on	1/8" BSP	9059999	
31	1	O-ring	58x2	107010160	
32	1	Hydraulic shifting cover 3131 series		208013381	
33	4	Screw DIN 912 8.8, allen head	M6 x 20	116010122	
34	1	Cartridge 40L		9049490	CO490
35	1	PTO shifting hose Allison		900899.2	
36	1	O-ring	19,2x3	107100029	
37	1	Pin shaft		203047461	
38	1	Set screw	M6 x 10	117010006	SS006
39	1	Conical bearing	Table 1.	Table 1.	
40	1	Adjusting washer	Table 1.	Table 1.	
41	1	Input gear		Table 2.	
42	1	Gasket 10 bolt		108010200	

PTO 3131 SERIES SAE "BB" 2/4 BOLT HYDRAULIC SHIFT

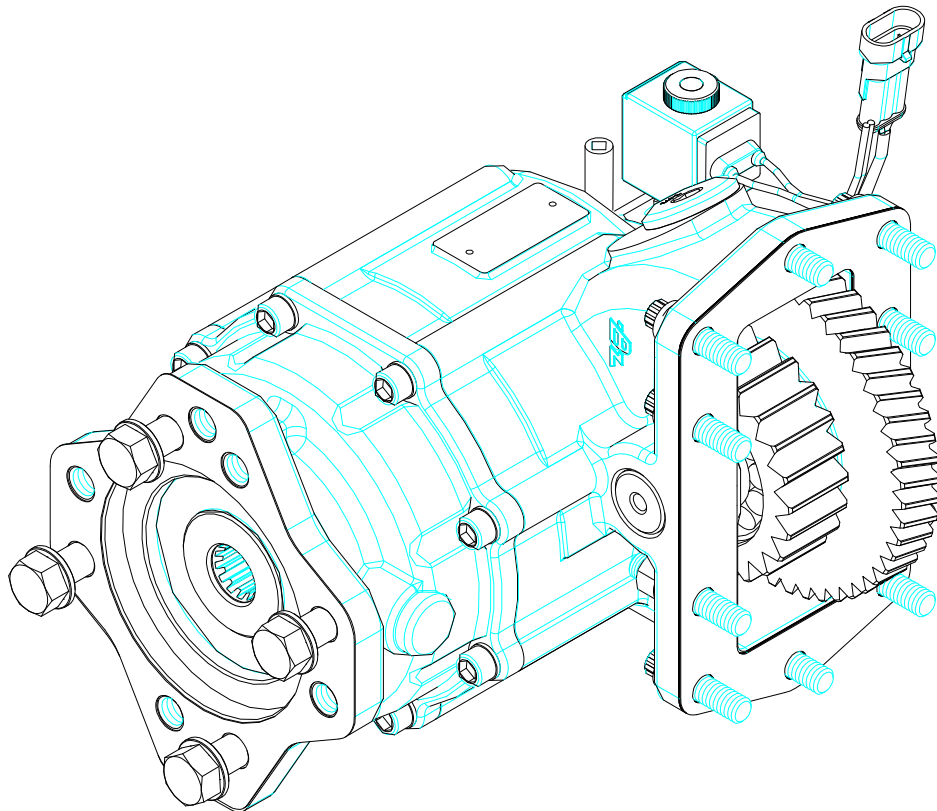
ITEM	QT.	DESCRIPTION	DIMENS.	PART NUMBER	BZ USA P/N
43	2	Guide PTO Allison	M10x1.5	111010014	
44	1	Conical bearing	Table 1.	Table 1.	
45	1	O-ring (VITON)	29x3	107100096	
46	1	Plug	M30x1.5	208020731	
47	1	Pneumatic Collar	20 x 26 x 4.8	105090001	BU001
48	1	Coil 14 V. for electromagnet		9076890	

TABLE 1. CONICAL BEARING

RATIO	BEARING PART NUMBER	DIMENSION BEARING	ITEM	ADJUSTING WASHER _(ITEM 50)
B	113300026	25X62X25,25 (32305)	45	Ø52 X0,3 103010052
	113300027	25X52X22 (33205)	40	
C	113300026	25X62X25,25 (32305)	45	Ø52 X0,3 103010052
	113300027	25X52X22 (33205)	40	
E	113300026	25X62X25,25 (32305)	45	Ø62 X0,3 103010034
	113300026	25X62X25,25 (32305)	40	
G	113300026	25X62X25,25 (32305)	45	Ø62 X0,3 103010034
	113300026	25X62X25,25 (32305)	40	
J	113300026	25X62X25,25 (32305)	45	Ø62 X0,3 103010034
	113300026	25X62X25,25 (32305)	40	
M	113300026	25X62X25,25 (32305)	45	Ø62 X0,3 103010034
	113300026	25X62X25,25 (32305)	40	
O	113300026	25X62X25,25 (32305)	45	Ø62 X0,3 103010034
	113300026	25X62X25,25 (32305)	40	

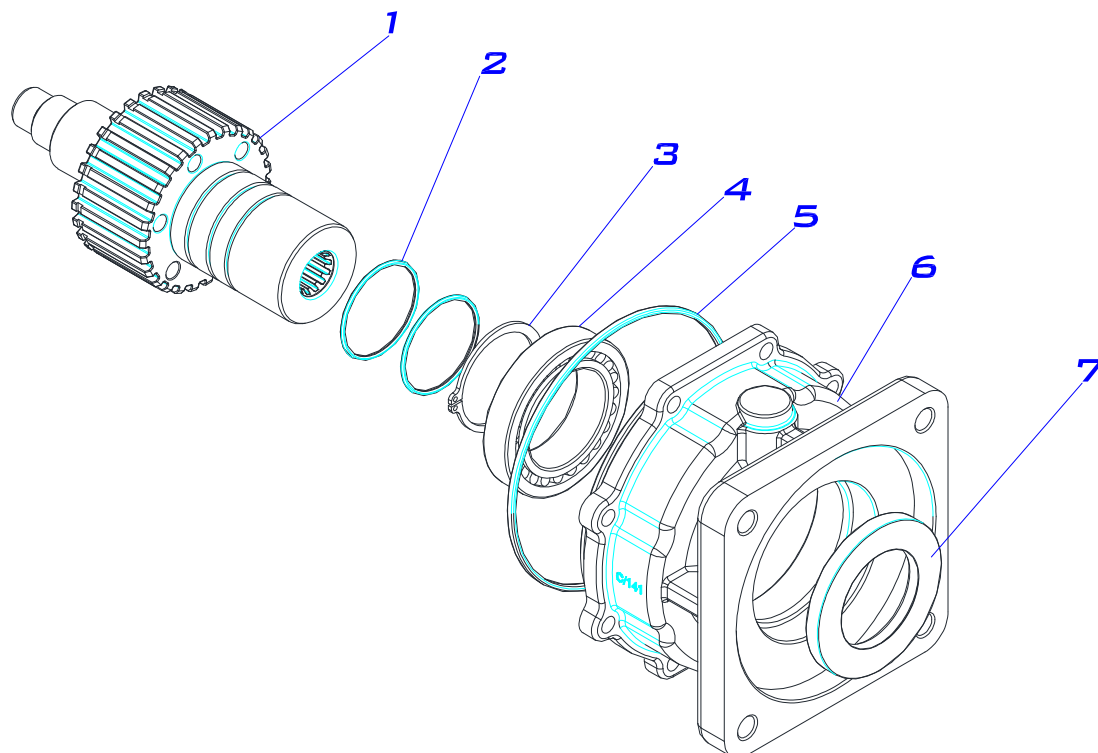
TABLE 2 PTO RATIO GEAR SET

PTO	RATIO	PART NUMBER	INPUT GEAR	Z		OUTPUT GEAR	Z
				SM. CLUSTER	LG. CLUSTER		
ALLISON 10 BOLT 3131 series	RATIO "B": 50%	806234	G/109	19	49	G/110	38
	RATIO "C": 58 %	806334	G/111	21	49	G/112	36
	RATIO "E": 68 %	806434	G/104	23	49	G/105	34
	RATIO "G": 78 %	806534	G/122	25	49	G/123	32
	RATIO "J": 84 %	806634	G/124	26	49	G/125	31
	RATIO "M": 97 %	806734	G/118	28	49	G/119	29
	RATIO "O": 119 %	806834	G/126	31	49	G/127	26



PTO 3131 SERIES

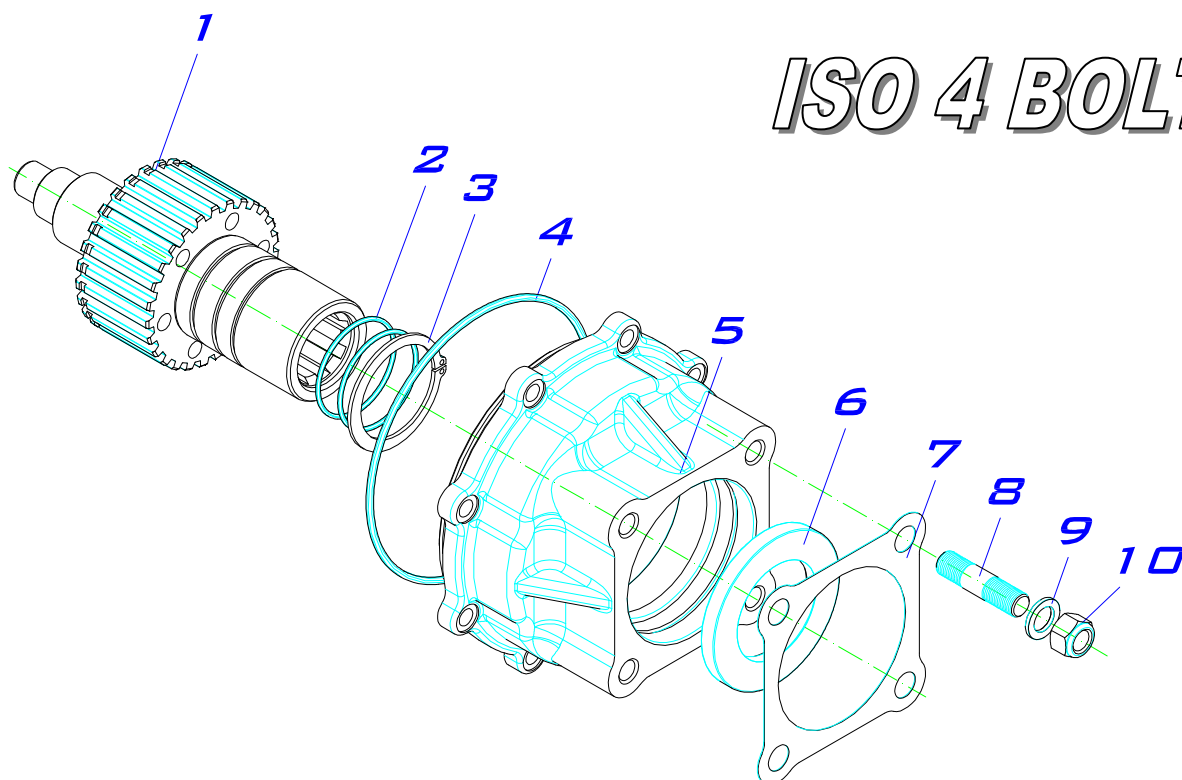
SAE CLASS "C" 4 Bolt



PTO 3131 SERIES

DESCRIPTION	PART NUMBER	PTO 3131 SERIES
CONVERSION KIT TO SAE C 4 BOLT	803435	SAE C

ITEM	QT.	DESCRIPTION	DIMENS.	PART NUMBER	BZ USA P/N
1	1	Splined shaft z=14		203027661	
2	2	O-ring (VITON)	46x2	107100014	OR057
3	1	Snap ring DIN 471	Ø50	101010009	SR009
4	1	Conical bearing 32010 X		113300021	RB021
5	1	O-ring	134.5x3	107100054	
6	1	Housing flange, SAE CLASS "C "		202111411	FL411
7	1	Oil seal (Viton)	50x80x8	112110007	SE011

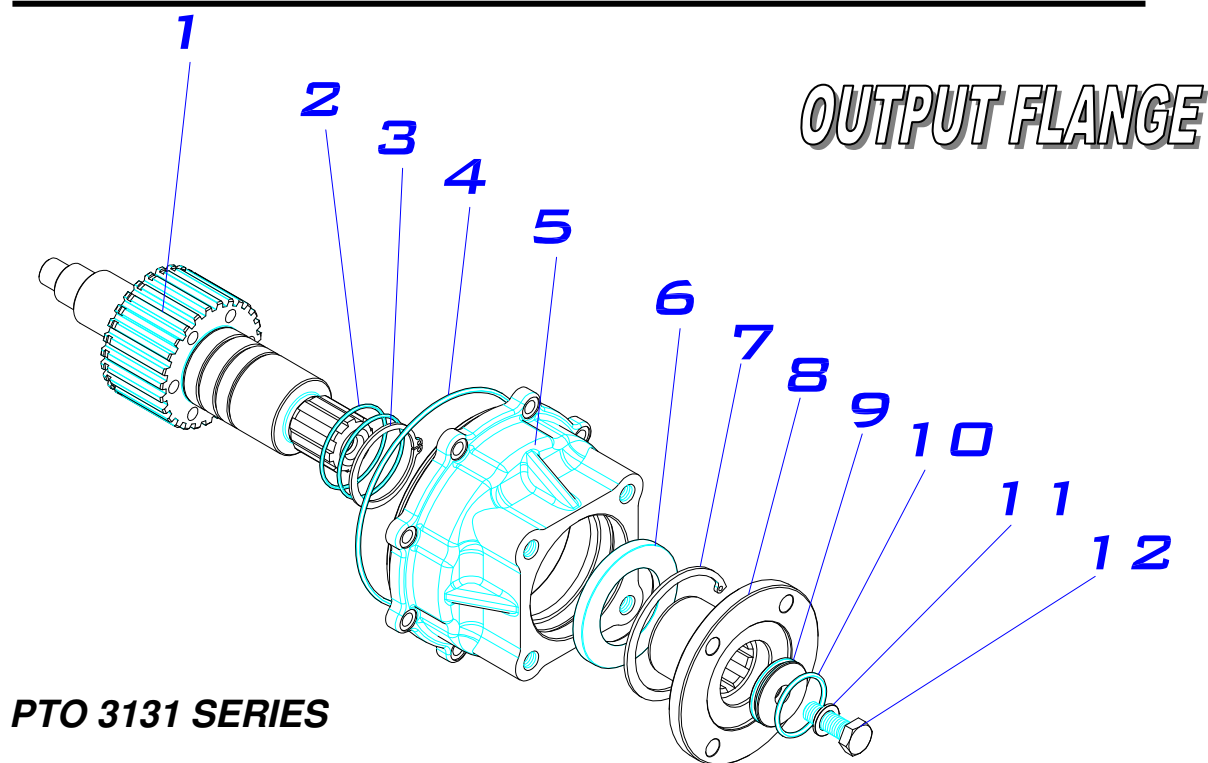


ISO 4 BOLT

PTO 3131 SERIES

DESCRIPTION	PART NUMBER	PTO 3131 SERIES
CONVERSION KIT TO ISO 4 BOLT	803535	ISO 4 BOLT

ITEM	QT.	DESCRIPTION	DIMENS.	PART NUMBER	BZ USA P/N
1	1	Output shaft		203027651	
2	2	O-ring (VITON)	46x2	107100014	OR057
3	1	Circlip DIN 471	Ø50	101010009	SR009
4	1	O-ring (VITON)	134.5x3	107100054	
5	1	Flange ISO 4BOLT		202029131	FL131
6	1	Oil seal BAB VISL	50x80x8	112110007	SE011
7	1	Gasket		108010038	GA4015EC
8	4	Stud	L=49	117020026	ST026
9	4	Washer DIN 125	12.5x19.8x2	102090009	WA009
10	4	Self locking nut DIN 985 8.8	M12	119020003	NU003



DESCRIPTION	PART NUMBER	PTO 3131 SERIES
CONVERSION KIT TO OUTPUT FLANGE	803635	OUTPUT FLANGE

ITEM	QT.	DESCRIPTION	DIMENS.	PART NUMBER	BZ USA P/N
1	1	Output shaft		203027641	
2	2	O-ring (VITON)	46x2	107100014	OR057
3	1	Circlip DIN 471	Ø50	101010009	SR009
4	1	O-ring (VITON)	134.5x3	107100054	
5	1	Housing flange, open end		202029131	FL131
6	1	Oil seal BAB VISL (Viton)	50x80x8	112110007	SE011
7	1	Circlip DIN 472	Ø80	101020015	
8	1	Flange		Table 1.	
9	1	Washer		211021301	
10	1	O-ring	34.2x3	107010010	
11	1	Washer	12.5x20x2	102090009	
12	1	Screw DIN 933	M12x35	116030038	

TABLE 1.

DESCRIPTION	PART NUMBER
IB FLANGE SAE 1300	206012931
IC FLANGE SAE 1400	206011271