

ESKRIDGE

X90B REV: D ECN: 3778 DATE: 05-01-15 HWP
EFFECTIVE: S.N. 28557 DATE: 01-27-1992 THRU: PRESENT

MODEL 90B			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	(A)	CASE
2	1	(B)	COVER
3	1	90-004-1182	PISTON
4	1	(C)	SHAFT
5	*	90-004-1031	SPACER
6	1	01-100-0110	BEARING
7	1	01-100-0120	INPUT BEARING
8	4	01-150-1040	12PT CBORE CS (1/2-13 X 1 GR8)
9	2	01-208-0020	HOL. HEX. PLUG (7/16-20)
10	*	(D)	SPRING (RED, GREEN OR GOLD)
11	*	(E)	FRICION DISC (PAPER OR BRONZE)
12	*	01-288-0020	SEPARATOR PLATE
13	1	01-400-0120	BACK-UP RING
14	1	01-400-0140	BACK-UP RING
15	1	(F)	O-RING
16	1	(F)	O-RING
17	1	01-402-0580	O-RING
18	1	01-405-0340	SEAL
28	1	01-402-0220	O-RING; #2-242
29	1		O-RING OR GASKET
30	4	01-207-0030	***PIPE PLUG 1/8 NPT HOLLOW HEX

*** USE ON FLOW THRU BASE ONLY

(A)	CASE	PART NO.
	STANDARD	90-004-1714
	FLOW THRU	90-004-1774

(B)	COVER	PART NO.	O-RING/GASKET
	SAE 'A' (2 & MOD 4-BOLT)	90-004-1413	90-004-1061 (GASKET)
	SAE 'A' (4-BOLT - DANFOSS MOTOR)	90-004-1803	90-004-1123 (GASKET)
	SAE 'B' (2 & 4-BOLT)	90-004-1143	01-402-0820 (O-RING)
	SAE 'C' (2 & 4-BOLT)	90-004-2263**	01-402-0580 (O-RING)

**SAE 'C' COVER IS ONLY AVAILABLE WITH 14T INPUT SPLINE

(C)	SHAFT IN/OUT	PART NO.
	6B/13T	90-004-1043
	13T/13T	90-004-1163
	14T/13T	90-004-1403
	6B/6B	90-0041303
	13T/6B	90-004-1573
	14T/6B	90-004-1383
	15T/13T	90-004-1993
	15T/6B	90-004-1942
	Ø1 X 1/4 KEY / 13T	90-004-2233
	Ø1 X 1/4 KEY / 6B	90-004-1932

(D)	PART NUMBER	DESCRIPTION
	01-261-0310	SPRING - RED
	01-261-0290	SPRING - GREEN
	01-261-0300	SPRING - GOLD

(E)	PART NUMBER	DESCRIPTION
	01-288-0010	FRICION DISC - (PAPER)
	90-004-1742	FRICION DISC - (BRONZE)

(F)	ITEM	QTY	DESCRIPTION	STANDARD	'E' EXTRA PRESSURE
	15	1	O-RING	01-402-0450	01-402-0850
	16	1	O-RING	01-402-0470	01-402-0860

NOTES:

- QTY OF SPRINGS MUST BE 2, 4, 5, 6, 8 OR 10 SYMMETRICALLY SPACED.
TOTAL QTY OF SEPARATORS (ITEM 12) AND SPACERS (ITEM 5) MUST EQUAL 7.
QTY OF FRICTION DISCS (ITEM 11) = QTY OF SEPARATORS (ITEM 12) PLUS 1.
A FULL COMPLEMENT BRAKE INCLUDES 8 FRICTION DISCS (ITEM 11),
7 SEPARATORS (ITEM 12) AND 0 SPACERS (ITEM 5).
THE QTY OF ALL ITEMS ABOVE IS DETERMINED BY TORQUE AND RELEASE PRESSURE REQUIREMENTS.
- BRAKE WITH 14T OR Ø1X1/4 KEY INPUT REQUIRES THE FOLLOWING:

INPUT PILOT			
ITEM	DESCRIPTION	SAE 'A' OR 'B'	SAE 'C'
7	THRUST WASHER	01-112-0280	01-112-0390
27	RETAINING RING	-	01-160-0620

- STANDARD PISTON O-RINGS FOR 3,000 PSI ARE BLACK NITRILE. OPTION 'E' EXTRA PRESSURE O-RINGS FOR 5,000 PSI SYSTEM PRESSURE ARE LIGHT YELLOW OR CREAM COLORED URETHANE.

OPTIONAL KITS	PART NUMBER (STANDARD)	PART NUMBER "E" OPTION	ITEMS INCLUDED
SEAL KIT	90-016-2011	90-016-2051	(1) EACH: 13, 14, 15, 16, 17, 18
FRICTION DISC KIT	90-016-2131	90-016-2131	(8) EACH: 11 (P/N 01-288-0010)
MASTER REBUILD KIT (PAPER)	90-015-3021	90-015-3081	(1) EACH: 6, 7, 18 & PAPER FRICTION KIT (P/N 90-016-2131)
SEPARATOR PLATE KIT	90-016-2141	90-016-2141	(7) EACH: 12
FRICTION DISC KIT (BRONZE)	90-016-3051	90-016-3051	(8) EACH: 11 (P/N 90-004-1742)
MASTER REBUILD KIT (BRONZE)	90-015-3071	90-015-3091	(1) EACH: 6, 7, 18, & BRONZE FRICTION KIT (P/N 90-016-3051)

