

Series No.	Engine Code	Cyl. No.	Position	Size (mm)			Shape	Material	Surface treatment	Reference
				d1(D)	h1(B)	a1(T)				

PERKINS

1	3.152 4.203 6.30	4	1st	91.48	2.40	3.61	BF	CR	Cr/Fe	41158065
			2nd		2.40	3.55	IC	CR	Fe	
			3rd		2.40	3.55	IC	CR	Fe	
			Oil		4.75	2.61 (4.20)	E-BC16	CR	Out. Cr	
2	3.152 4.203 6.30	4	1st	91.48	2.40	3.60	BF	HB	Cr/Fe	41158065
			2nd		2.40	3.55	IC	CR	Fe	
			3rd		2.40	3.55	IC	CR	Fe	
			Oil		4.75	2.61 (4.20)	E-BC16	CR	Out. Cr	
3	D4.203/6.305	4	1st	91.491	2.40	3.60	BF	HB	Cr/Fe	41158058
			2nd		2.40	3.50	T1-IC	CR	Out. Cr	
			3rd		3.15	3.55	TUN	CR	Fe	
			Oil 1		6.35	2.80 (3.80)	E-BC16	CR	Out. Cr	
			Oil 2		6.35	3.60	BC16	CR	Fe	
4	4.236 6.354	4	1st	98.48	3.00 (2.914)	4.10	BF-K1	HB	Out. Cr	4181A005
			2nd		2.40	4.20	T1	CR	Fe	
			Oil		4.75	3.10 (4.10)	E-BC16	CR	Out. Cr	
5	A4.236	4	1st	98.48	2.40	4.00	BF	HB	Cr/Fe	41158041
			2nd		2.40	4.00	T1-IC	CR	Fe	
			3rd		2.40	4.00	T1-IC	CR	Fe	
			Oil 1		6.35	3.00 (3.80)	E-BC16	CR	Cr/Fe	
			Oil 2		6.35	3.75	BC16	CR	Fe	

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6	A4.212	4	1st	98.48	2.40	4.00	BF	HB	Cr/Fe	41158044
			2nd		2.40	4.00	T1-IC	HB	Fe	
			3rd		2.40	4.00	T1-IC	CR	Fe	
			Oil		6.35	3.00 (3.80)	E-BC16	CR	Cr/Fe	
7		4	1st	100.00	3.44 (3.278)	4.15	BF-K1-IC	HB	MO	
			2nd		2.50	4.00	TUN	CR	Fe	
			Oil		4.00	2.90 (4.20)	E-BC16	CR	Out. Cr	
8		4	1st	100.00	3.44 (3.278)	4.15	BF-K1-IC	HB	MO	
			2nd		2.50	4.00	TUN	CR	Fe	
			Oil		4.00	2.90 (4.20)	E-BC16	CR	Cr/Fe	
9		4	1st	100.00	3.40 (3.237)	4.00	BF-K1-IC	HB	Out. Cr	4181A026
			2nd		2.50	4.00	TUN	CR	Fe	
			Oil		4.00	3.00 (4.00)	E-BC16	CR	Out. Cr	
10		4	1st	100.00	3.40 (3.237)	4.00	BF-K1-IC	HB	Out. Cr	4181A026
			2nd		2.50	4.00	TUN	CR	Fe	
			Oil		4.00	3.00 (4.00)	E-BC16	CR	Out. Cr	
11		4	1st	100.00	2.50	4.30	BF	HB	Out. Cr	4181A019
			2nd		2.50	4.35	TUN	CR	Fe	
			Oil		4.00	3.15 (4.17)	E-BC16	CR	Out. Cr	
12		4	1st	100.00	2.50	4.20	BF	HB	Cr/Fe	4181A019
			2nd		2.50	4.20	T1	CR	Fe	
			Oil		4.00	3.10 (3.95)	E-BC16	CR	Cr/Fe	

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13		4	1st	100.00	2.50	4.20	BF	HB	Cr/Fe	4181A019
			2nd		2.50	4.20	T1	CR	Fe	
			Oil		4.00	3.10 (3.95)	E-BC16	CR	Cr/Fe	
14		4	1st	101.054	2.50	4.10	BF-IC	HB	MO	41158022 4115Y001
			2nd		2.50	4.10	T1	CR	Fe	
			Oil		5.00	3.22 (4.09)	E-BC16	CR	Cr/Fe	
15		4	1st	101.054	2.50	4.10	BF-IC	HB	Cr/Fe	41158022 4115Y001
			2nd		2.50	4.10	T1-IC	CR	Fe	
			Oil		5.00	3.22 (4.09)	E-BC16	CR	Cr/Fe	
16	4.248	4	1st	101.054	2.40	4.00	BF	HB	Out. Cr	4181A009
			2nd		2.40	4.10	T1-IB	CR	Out. Cr	
			3rd		2.40	4.10	T1-IB	CR	Out. Cr	
			Oil		6.35	3.40 (4.90)	E-BC16	CR	Out. Cr	
17	4.248	4	1st	101.054	2.40	4.20	BF-IB	HB	Cr/Fe	4181A009
			2nd		2.40	4.20	TUN	CR	Fe	
			3rd		2.40	4.20	TUC	CR	Fe	
			Oil		6.35	3.30 (4.30)	E-BC16	CR	Cr/Fe	
18		4	1st	105.00	2.50	4.40	BF	HB	MO	UPRK0003
			2nd		2.50	4.30	T1-RB	CR	Fe	
			Oil		3.50	3.20 (4.10)	E-BC16	CR	Cr/Fe	
19		6	1st	105.00	2.50	4.40	BF	HB	Cr/Fe	UPRK0003
			2nd		2.50	4.35	T1-RB	CR	Fe	
			Oil		3.50	3.00 (4.20)	E-BC16	CR	Cr/Fe	

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20		6	1st	105.00	2.50	4.40	BF	HB	Out. Cr	UPRK0003
			2nd		2.50	4.35	T1-RB	CR	W	
			Oil		3.50	3.00 (4.20)	E-BC16	CR	Out. Cr	
21		4	1st	105.00	2.80 (2.545)	4.10	BF-K1	HB	Out. Cr	UPRK0005
			2nd		2.50	4.00	T1-RB	HB	Fe	
			Oil		3.00	2.90 (3.95)	E-BC16	CR	Out. Cr	
22		4	1st	105.00	3.335 (3.105)	4.40	BF-K1	HB	MO	UPRK0002
			2nd		2.50	4.30	T1-RB	CR	Fe	
			Oil		3.50	3.20 (4.10)	E-BC16	CR	Cr/Fe	
23		4	1st	105.00	3.335 (3.105)	4.40	BF-K1	HB	Cr/Fe	UPRK0002
			2nd		2.50	4.35	T1-RB	CR	Fe	
			Oil		3.50	3.00 (4.20)	E-BC16	CR	Cr/Fe	
24		4	1st	105.00	3.35 (3.105)	4.40	BF-K1	HB	Out. Cr	UPRK0002
			2nd		2.50	4.35	T1-RB	CR	W	
			Oil		3.50	3.00 (4.20)	E-BC16	CR	Out. Cr	
25		4	1st	105.00	3.35 (3.105)	4.40	BF-K1	HB	MO	UPRK0002
			2nd		2.50	4.35	T1-RB	CR	Fe	
			Oil		3.50	3.00 (4.20)	E-BC16	CR	Cr/Fe	
26		4	1st	114.31	2.38	4.20	BF	HB	Cr/Fe	
			2nd		2.38	4.20	T1-IB	CR	Fe	
			Oil		6.35	3.30 (4.90)	E-BC16	CR	Cr/Fe	

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PERKINS

27		4	1st	116.50	3.35 (3.105)	4.75	BF-K1	HB	MO	
			2nd		3.00	4.80	T1-RB	CR	Fe	
			Oil		4.00	3.10 (4.25)	E-BC16	CR	Cr/Fe	
28	1830723C92	4	1st	116.50	3.35 (3.105)	4.70	BF-K1	HB	Out. Cr	
			2nd		3.01 (2.768)	4.60	T1-K1-IC	HB	Fe	
			Oil		4.00	3.05 (4.40)	E-BC16	CR	Cr/Fe	
29		6	1st	130.175	3.04 (2.69)	5.10	BF-K1	HB	Out. Cr	
			2nd		3.24	4.90	IB	HB	Out. Cr	
			Oil		4.76	4.00 (4.85)	E-BC16	CR	Out. Cr	

