Series	Engine	Cyl.	Position	Size (m			Shape	Material	Surface	Reference				
No.	Code	No.	FUSITION	d1(D)	h1(B)	a1(T)	Snape	Material	treatment	Reference				
DEUTZ														
1			1st		2.00	3.80	BF	НВ	Cr/Fe					
	FL1011	4	2nd	91.00	2.00	3.80	T1	CR	Fe					
			Oil		3.00	2.90 (3.80)	E-BC16	CR	Fe					
			1st		2.97 (2.605)	3.90	BF-K1	НВ	МО					
2	BFL1011	4	2nd	91.00	2.00	3.90	T1-RB	CR	W					
			Oil		3.00	2.90 (3.80)	E-BC16	CR	Out. Cr					
			1st		2.85 (2.597)	4.30	BF-K1-IB	НВ	Cr/Fe					
3	912	6	2nd Oil	100.00	2.00	4.20	T1-RB	CR	Fe					
					3.50	2.75 (3.90)	E-BC16	CR	Cr/Fe					
	FIL511D	6	1st		2.85 (2.605)	4.20	BF-K1	НВ	Out. Cr					
4			2nd	100.00	2.50	4.30	T1	CR	Fe					
			Oil		5.00	3.30 (4.40)	E-BC16	CR	Out. Cr					
	FL912	6	1st		2.85 (2.605)	4.30	BF-K1	CR	Out. Cr					
5			2nd	100.00	2.50	4.30	T1	CR	Fe					
			3rd	- 100.00	2.50	4.30	T1	CR	Fe					
						Oil		5.00	3.20 (4.40)	E-BC16	CR	Out. Cr		
	BFL912						1st	11/2	2.85 (2.605)	4.20	BF-K1	НВ	Out. Cr	
6		6	2nd	100.00	2.50	4.30	T1	CR	Fe					
			3rd Oil	100.00	2.50	4.30	T1	CR	Fe					
				]	5.00	3.30 (4.40)	E-BC16	CR	Out. Cr					
	BFL912	2 6	1st	100.00	2.85 (2.605)	4.20	BF-K1	НВ	Cr/Fe					
7			2nd		2.50	4.30	T1	CR	Fe					
, ,			3rd		2.50	4.30	T1	CR	Fe					
				Oil		5.00	3.30 (4.40)	E-BC16	CR	Cr/Fe				

Series	Engine	Cyl.	Position	Size (mm)		Shape	Material	Surface	Reference	
No.	Code	No.	1 OSITION	d1(D)	h1(B)	a1(T)	Onape	Iviateriai	treatment	Neierence
DEUTZ										
8	BFL912		1st	100.00	2.85 (2.605)	4.20	BF-K1	НВ	Cr/Fe	
		0	2nd		2.50	4.30	T1	CR	Fe	
	DI 1912	6	3rd		2.50	4.30	T1	CR	Fe	
			Oil		5.00	3.20 (4.40)	E-BC16	CR	Out. Cr	
			1st		3.00	4.30	BF	CR	Out. Cr	
9		6	2nd	102.00	3.00	4.40	IB	CR	Fe	
9		0	3rd		3.00	4.40	IB	CR	Fe	
			Oil		5.00	3.30 (4.30)	E-BC16	CR	Cr/Fe	
	FL913	6	1st	102.00	2.85 (2.605)	4.30	BF-K1	НВ	Out. Cr	
10			2nd		2.50	4.30	T1	CR	Fe	
10			3rd		2.50	4.30	T1	CR	Fe	
			Oil		5.00	3.20 (4.25)	E-BC16	CR	Out. Cr	
	BF913	13 6	1st	1st	2.85 (2.605)	4.30	BF-K1-IB	НВ	МО	
11					2.50	4.35	T1-IC	CR	Fe	
''					2.50	4.30	Р	CR	Fe	
			Oil		5.00	3.30 (4.30)	E-BC16	CR	Out. Cr	
	BFL913T	6	1st	1st 2nd 102.00 3rd Oil	2.85 (2.605)	4.30	BF-K1	НВ	Out. Cr	
12			2nd		2.50	4.35	T1-IC	CR	Fe	
12			3rd		2.50	4.35	TUC	CR	Fe	
			Oil		5.00	3.30 (4.35)	E-BC16	CR	Cr/Fe	

Series	Engine	Cyl.	Position	Size (mm)			Shape	Material	Surface	Reference
No.	Code	No.	1 0311011	d1(D)	h1(B)	a1(T)	Опарс	Material	treatment	recipion
DEUTZ										
			1st		2.85 (2.605)	4.30	BF-K1	НВ	Cr/Fe	
13	913BF	6	2nd	102.00	2.85 (2.605)	4.30	T1-K1	CR	Cr/Fe	
			3rd		2.50	4.35	TUC	CR	Fe	
			Oil		5.00	3.30 (4.35)	E-BC16	CR	Cr/Fe	
			1st	105.00	2.85 (2.605)	4.30	BF-K1	НВ	Out. Cr	
14	226B	6	2nd		2.00	4.20	T1-RB	CR	Fe	
			Oil		4.00	3.10 (4.30)	E-BC16	CR	Out. Cr	
	BFM1013	6	1st		2.90 (2.605)	4.55	BF-K1-IC	НВ	МО	
15			2nd	108.00	2.00	4.50	T1-RB	НВ	Fe	
			Oil		3.50	3.20 (4.10)	E-BC16	CR	Cr/Fe	
	BFL513	6	1st		3.35 (3.105)	4.70	BF-K1	НВ	МО	
16			2nd	nd 125.00	2.50	5.20	T1-IB	CR	Cr/Fe	
			Oil		4.00	2.90 (4.40)	E-BC16	CR	Cr/Fe	
			1st		3.35 (3.105)	4.55	BF-K1-IB	SR	GN	
17	BFL513	6	2nd	125.00	2.50	5.25	T1-IB	CR	Cr/Fe	
			Oil		4.00	2.90 (4.25)	E-BC16	CR	Out. Cr	
			1st	7.	2.85 (2.605)	4.70	BF-K1	НВ	МО	
18	B/F8L413F	6	2nd	125.00	2.50	5.20	T1	CR	Fe	
			Oil		4.00	2.90 (4.40)	E-BC16	CR	Cr/Fe	
	413F/513C	6	1st	125.00	2.85 (2.605)	4.50	BF-K1	НВ	Out. Cr	
19			2nd		2.50	5.15	T1	CR	W	
			Oil		4.00	2.85 (4.20)	E-BC16	CR	Cr/Fe	

Series	Engine	Cyl.	Position Size (mm) Shape Mate	Size (mm)			Shane	Matarial	Surface	Reference
No.	Code	No.		Ivialeriai	treatment	Reference				
DEUTZ			_							
			1st		3.35 (3.105)	4.80	BF-K1	НВ	МО	
20	FL513	6	2nd	128.00	3.00	5.30	T1	CR	Fe	
			Oil		4.00	2.80 (4.00)	E-BC16	НВ	Cr/Fe	
			1st		3.335 (3.105)	5.50	BF-K1-IC	НВ	Cr/Fe	
21	BFM1015	6	2nd	132.00	2.45	5.40	T1	НВ	Cr/Fe	
			Oil		4.00	3.30 (4.55)	E-BC16	CR	Cr/Fe	
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