

ME 308 MACHINE ELEMENTS II 2023-2024 SECOND PROJECT GEAR DESIGN AND BEARING SELECTION (DT)

NO	SURNAME, NAME	Diameter of Conveyor drum (cm)	Electric Motor Power (hp)	Rotational speed of electric motor (rpm)	Linear speed of conveyor (m/sec)	Gear efficiency for spur gears (%)	Gear efficiency for helical gears (%)	Gear efficiency for bevel gears (%)	Electric motor efficiency (%)	Helix angle for helical gears	Factor of safety	Materials of Spur Gear Set	Materials of Helical Gear Set	Materials of Bevel Gear Set	Reliability of the gears (%)	Min. required life for bearings (khrs)
1	ABDELREHEM AHMED	20	3.0	400	0.30	96	94	98	85	20	2.25	080M50 H&T	080M50 CD	080M50 CD	99.9	30
2	AĞCABAY ZEKİ	25	5.0	400	0.30	94	94	94	95	15	2.50	080M40 H&T	080M40 HR	080M40 H&T	99.9	25
3	AKDEMİR ESMA NUR	20	4.0	500	0.25	98	96	96	95	10	2.00	080M50 H&T	080M50 HR	080M50 HR	99.0	20
4	AKGÜN ERAY	30	4.0	500	0.20	98	98	98	90	15	2.25	080M50 H&T	080M50 HR	080M40 CD	99.0	30
5	AL AMRHARI HOUDA	25	3.0	600	0.25	96	96	94	90	15	2.25	080M50 CD	080M50 HR	080M40 CD	99.0	30
6	ALAA HISHAM HASSAN I.	20	3.0	400	0.25	98	98	94	85	10	2.50	080M40 HR	080M50 H&T	080M40 HR	95.0	30
7	ALAHMAR TAHER (FF)	20	5.0	600	0.30	94	94	98	90	15	2.00	080M50 HR	080M40 CD	080M50 H&T	99.0	20
8	ALOSMAN MOHAMED	25	5.0	400	0.20	94	96	96	85	10	2.25	080M50 HR	080M50 HR	080M50 H&T	95.0	25
9	ARICAK SAİT EFE	30	5.0	500	0.30	96	98	96	85	20	2.50	080M50 HR	080M50 H&T	080M40 H&T	99.9	20
10	ARSLAN KAYAHAN (FF)	30	3.0	600	0.30	98	94	98	90	10	2.25	080M50 H&T	080M50 CD	080M50 CD	90.0	25
11	ASLAN ABDULAZİZ	25	3.0	500	0.20	96	94	94	95	10	2.50	080M40 CD	080M40 H&T	080M50 H&T	99.9	20
12	AYDIN BERRİN	20	4.0	400	0.25	98	98	96	95	10	2.00	080M50 HR	080M50 HR	080M40 CD	95.0	20
13	BALOĞLU MEHMET ŞÜKRÜ (FF)	20	4.0	500	0.30	94	96	94	85	20	2.00	080M50 H&T	080M40 CD	080M50 HR	99.9	25
14	BAYRAKTAROĞLU HASAN	25	3.0	400	0.25	96	96	96	95	20	2.25	080M50 CD	080M40 CD	080M40 H&T	99.9	25
15	BERK ÖĞÜZ KAAİN	25	3.0	600	0.30	98	98	98	85	15	2.50	080M40 H&T	080M40 HR	080M40 HR	99.0	20
16	BOL ALİ	20	3.0	600	0.20	94	94	98	90	20	2.25	080M50 HR	080M50 H&T	080M40 H&T	90.0	25
17	BOZATLI CAHİT FIRAT	30	4.0	600	0.20	94	96	98	85	15	2.50	080M40 CD	080M50 H&T	080M40 HR	99.0	20
18	BOZKURT CENGİZ	30	4.0	400	0.25	98	94	96	90	10	2.50	080M40 CD	080M40 H&T	080M40 CD	90.0	25
19	BÜLBÜL UMUT	20	5.0	500	0.30	96	96	98	95	20	2.00	080M40 HR	080M50 CD	080M40 CD	95.0	20
20	ÇARPAR ERTUĞRUL	25	5.0	400	0.30	96	98	98	95	10	2.00	080M50 H&T	080M50 H&T	080M50 H&T	95.0	25
21	ÇELİK GÖRKEM (FF)	20	5.0	500	0.30	98	98	98	85	20	2.00	080M50 H&T	080M40 CD	080M40 H&T	99.0	25
22	ÇEVİKER MUHAMMET SEMİH	25	4.0	400	0.25	94	98	96	85	10	2.25	080M40 H&T	080M50 HR	080M50 H&T	90.0	20
23	DALGIÇ TOYGAR	20	4.0	500	0.20	96	96	94	90	10	2.25	080M50 CD	080M40 H&T	080M50 H&T	99.0	20
24	DEĞİRMENCI HASAN ERKAM	30	3.0	500	0.25	94	98	98	95	20	2.50	080M50 H&T	080M40 H&T	080M50 CD	90.0	30
25	DEMİR ÖMER	25	3.0	400	0.25	96	98	94	85	20	2.25	080M40 CD	080M40 H&T	080M40 HR	90.0	30
26	DUTCU SEVİLAY	20	5.0	500	0.30	98	98	94	95	20	2.25	080M50 HR	080M40 HR	080M50 HR	99.9	20
27	EKİNCİ SELMAN (FF)	20	5.0	400	0.20	98	96	98	90	15	2.50	080M40 H&T	080M40 CD	080M50 HR	99.9	20
28	ELBİSTAN İSA	25	5.0	500	0.30	98	94	98	90	10	2.00	080M40 H&T	080M40 CD	080M50 HR	99.9	30
29	ER MUSTAFA (FF)	30	3.0	400	0.30	96	98	96	85	20	2.25	080M40 H&T	080M50 H&T	080M50 CD	95.0	25
30	ERATILGAN TULAY (FF)	20	3.0	500	0.20	98	94	98	90	15	2.50	080M40 HR	080M40 H&T	080M50 H&T	95.0	20
31	ERAZ CAFER DENİZ (FF)	20	4.0	500	0.25	94	94	94	85	20	2.25	080M40 CD	080M50 H&T	080M40 CD	95.0	25
32	ERGİN HÜSEYİN YAĞIZ (FF)	25	3.0	600	0.30	94	98	94	85	15	2.50	080M40 CD	080M50 H&T	080M50 HR	95.0	20
33	EROL ÇAĞDAŞ METİN	25	3.0	400	0.25	96	98	96	85	20	2.00	080M50 CD	080M50 CD	080M40 H&T	99.9	30
34	FİDAN ORHAN	20	5.0	600	0.30	98	96	98	90	10	2.00	080M50 HR	080M40 HR	080M40 H&T	99.9	20
35	FODUL AHMET CAN	25	5.0	400	0.30	96	98	96	95	20	2.25	080M40 CD	080M50 HR	080M40 H&T	99.0	20
36	GEDİK SELVA (FF)	20	5.0	500	0.20	98	94	98	95	15	2.25	080M50 CD	080M50 HR	080M40 HR	90.0	20
37	GENÇ EMRE	20	3.0	600	0.25	94	94	94	85	15	2.25	080M50 HR	080M50 HR	080M40 CD	95.0	20
38	GÖZÜKARA HASAN HÜSEYİN	25	3.0	500	0.30	96	96	96	85	20	2.50	080M40 HR	080M50 CD	080M40 CD	99.9	25
39	GÜBEN BUĞRAHAN (FF)	30	4.0	400	0.25	98	98	98	90	10	2.00	080M40 HR	080M50 H&T	080M50 CD	99.0	20
40	GÜNAY BERKAY EREN	30	4.0	500	0.30	94	96	94	95	15	2.25	080M50 H&T	080M40 CD	080M50 HR	99.9	30
41	GÜRBÜZ MERT GÜVEN (FF)	25	3.0	400	0.20	94	98	94	85	20	2.50	080M40 H&T	080M50 HR	080M40 CD	90.0	25
42	GÜRSOYLU MEHMET (FF)	20	4.0	600	0.20	98	94	98	95	20	2.25	080M40 CD	080M40 H&T	080M50 CD	90.0	25
43	HACİÖMEROĞLU AHMET (FF)	20	5.0	600	0.25	96	96	96	90	15	2.50	080M50 CD	080M40 H&T	080M50 HR	95.0	30
44	HAMADE AHMAD (FF)	25	5.0	600	0.30	98	98	98	90	10	2.00	080M40 HR	080M40 H&T	080M40 HR	99.0	30
45	HUYLUOĞLU MEHMET ALİ (NA)	20	5.0	400	0.30	94	94	94	95	15	2.00	080M40 H&T	080M40 HR	080M40 HR	99.9	20
46	İŞİK ALPEREN (NA)	30	5.0	500	0.30	94	94	94	90	15	2.25	080M50 HR	080M40 CD	080M50 H&T	90.0	30
47	İŞCAN SENA (FF)	30	4.0	400	0.25	98	98	98	90	20	2.50	080M40 H&T	080M40 CD	080M40 H&T	95.0	30
48	İYİDİR MUHAMMET ATILLA	20	3.0	500	0.30	96	96	96	85	20	2.25	080M40 HR	080M50 CD	080M40 CD	95.0	30
49	KALKAN SADETTİN	25	3.0	400	0.30	96	98	96	85	15	2.50	080M50 CD	080M50 HR	080M40 H&T	99.0	20
50	KARACA MUHAMMET FATİH (FF)	20	3.0	500	0.25	98	94	98	90	20	2.50	080M50 CD	080M40 CD	080M40 HR	99.0	25
51	KARAPÜR AHMET CAN	25	3.0	500	0.20	94	94	96	95	10	2.00	080M50 H&T	080M50 CD	080M50 CD	99.9	20
52	KAYA ERDEM ONUR (FF)	20	4.0	400	0.25	96	98	98	85	10	2.00	080M40 HR	080M50 HR	080M50 CD	99.9	25
53	KAYIHAN AYKUT (FF)	30	4.0	500	0.25	94	96	94	95	15	2.00	080M50 H&T	080M40 HR	080M50 CD	99.9	20
54	KAYMAZ YAKUP ERKAN	25	5.0	400	0.30	96	96	94	90	15	2.25	080M50 H&T	080M40 HR	080M40 HR	99.0	25
55	KESKİN EZGİSU	20	3.0	500	0.20	98	98	98	90	20	2.25	080M40 H&T	080M50 H&T	080M50 H&T	90.0	30
56	KILINÇ LÜTFİ (FF)	20	4.0	400	0.30	98	94	96	85	10	2.50	080M50 HR	080M40 H&T	080M50 H&T	99.9	25
57	KINACILAR ARIF BERKAY (FF)	25	3.0	500	0.30	98	96	96	90	15	2.25	080M50 H&T	080M40 CD	080M40 H&T	90.0	30
58	KINALI TUNAHAN	30	5.0	500	0.20	96	94	98	85	15	2.50	080M40 CD	080M40 H&T	080M50 HR	95.0	20
59	KIZILAY KAAİN	20	4.0	400	0.25	94	94	94	85	15	2.00	080M50 CD	080M40 HR	080M50 H&T	95.0	30
60	KIRTİŞ İSMAIL	20	3.0	600	0.30	94	96	96	85	20	2.00	080M50 H&T	080M50 CD	080M40 CD	99.0	20
61	KOÇER TURAN (FF)	25	4.0	600	0.25	96	98	94	90	10	2.25	080M40 H&T	080M50 CD	080M50 CD	95.0	25
62	KOLCU KUTAY (FF)	25	3.0	600	0.25	98	96	96	95	15	2.50	080M50 CD	080M50 H&T	080M50 H&T	90.0	30
63	KONAR MEHMET UĞUR	20	5.0	400	0.20	96	98	98	95	20	2.25	080M40 H&T	080M40 HR	080M40 H&T	99.9	25
64	KORKMAZ ABDULKADİR	25	3.0	500	0.25	98	94	98	90	10	2.50	080M40 H&T	080M50 H&T	080M50 CD	99.9	25

65	KÖSE ERSİN	20	4.0	400	0.25	94	96	98	90	20	2.25	080M40 H&T	080M50 H&T	080M40 H&T	99.9	30
66	KÖSELER MUHAMMED ENES (FF)	20	3.0	500	0.30	96	98	96	90	20	2.25	080M50 HR	080M40 H&T	080M40 H&T	99.9	20
67	KURKUT MUHAMMET EMIN	25	4.0	400	0.20	98	94	94	85	20	2.50	080M40 H&T	080M50 HR	080M40 H&T	99.9	20
68	KÜLTÜR NURULLAH	30	5.0	500	0.30	94	94	94	85	20	2.00	080M50 HR	080M50 H&T	080M50 HR	99.9	20
69	KUTLUER FARIS ABDELRAHMAN	30	4.0	500	0.30	94	98	98	90	15	2.25	080M50 HR	080M40 CD	080M50 CD	99.9	20
70	ÖZDEMİR ÖMER FARUK	25	4.0	400	0.20	98	96	96	95	10	2.50	080M50 HR	080M50 CD	080M50 H&T	99.9	30
71	ÖZDEMİR SELAMİ (FF)	20	3.0	500	0.25	96	98	98	95	20	2.50	080M40 HR	080M50 H&T	080M40 HR	95.0	25
72	ÖZDEMİR MEHMET KÜRŞAT	20	4.0	400	0.30	98	94	94	90	20	2.50	080M40 CD	080M40 H&T	080M50 H&T	99.0	20
73	ÖZER İBRAHİM	20	5.0	500	0.25	94	94	96	85	15	2.00	080M40 HR	080M50 CD	080M50 H&T	99.9	25
74	ÖZGÜR ABDULLAH YAVUZ (FF)	25	5.0	400	0.30	94	94	98	90	15	2.00	080M50 CD	080M40 H&T	080M40 H&T	99.0	25
75	ÖZMADEN BARIŞ	30	5.0	500	0.30	94	96	94	90	20	2.00	080M40 HR	080M40 H&T	080M50 HR	99.0	20
76	ÖZTÜRK HALİL İBRAHİM (FF)	30	5.0	500	0.20	96	98	94	85	15	2.25	080M50 H&T	080M40 H&T	080M50 H&T	90.0	30
77	PIR FURKAN (NA)	30	4.0	600	0.25	98	96	98	85	15	2.25	080M50 CD	080M50 HR	080M40 CD	99.9	25
78	PIŞKIN ENES	20	3.0	400	0.30	96	98	96	90	10	2.50	080M50 H&T	080M50 CD	080M40 CD	95.0	30
79	POLAT İSMAIL	25	3.0	600	0.25	98	98	98	95	20	2.25	080M40 H&T	080M50 H&T	080M40 HR	95.0	30
80	POLAT CEVDET ONUR	25	3.0	500	0.30	94	94	94	85	10	2.50	080M50 HR	080M40 HR	080M40 HR	99.9	30
81	POLAT UMUT	20	3.0	600	0.20	96	96	94	95	10	2.00	080M40 H&T	080M50 H&T	080M50 HR	99.9	30
82	SALİHİYYAH YUSEF S. H.	25	4.0	500	0.20	98	98	98	90	20	2.00	080M50 HR	080M50 H&T	080M40 H&T	95.0	20
83	SANER MUHAMMED SİRAC	20	4.0	400	0.25	94	96	96	90	20	2.00	080M40 CD	080M40 H&T	080M40 CD	90.0	20
84	SARIBAŞ BETÜL (FF)	20	5.0	500	0.30	94	98	96	85	15	2.00	080M50 HR	080M50 HR	080M40 HR	99.9	25
85	SUNGUR ARDA (FF)	25	3.0	400	0.30	98	94	98	90	10	2.25	080M40 HR	080M50 H&T	080M40 HR	99.9	30
86	ŞEN SAMET (FF)	30	4.0	600	0.30	96	96	98	85	10	2.25	080M50 CD	080M40 CD	080M50 H&T	90.0	25
87	ŞİMŞEK ONUR	30	3.0	600	0.25	98	98	98	85	10	2.50	080M50 HR	080M50 CD	080M50 CD	90.0	20
88	TAN MURAT	25	5.0	600	0.30	94	94	96	85	10	2.25	080M50 H&T	080M50 H&T	080M50 CD	99.0	20
89	TAŞ YUNUS EMRE	20	4.0	400	0.30	94	94	98	90	20	2.50	080M40 CD	080M40 H&T	080M40 H&T	99.0	20
90	TELLİ ALPEREN	20	3.0	500	0.25	98	98	94	95	20	2.00	080M40 CD	080M50 CD	080M50 HR	99.9	20
91	TOPALBEKİROĞLU H. HURİ (FF)	20	4.0	400	0.20	96	96	94	95	10	2.00	080M40 HR	080M40 H&T	080M50 H&T	99.9	20
92	TOPRAK SERVET (NA)	25	5.0	500	0.25	96	98	94	90	10	2.50	080M50 HR	080M40 H&T	080M40 CD	99.9	30
93	TOPRAK TAYYIP EFE	30	4.0	400	0.25	98	96	96	90	15	2.50	080M50 HR	080M40 H&T	080M50 CD	99.9	30
94	TURGUT MÜCAHİT TALHA (FF)	30	3.0	500	0.25	96	96	98	90	10	2.50	080M40 H&T	080M50 HR	080M50 HR	99.0	30
95	TÜMKAYA ALİ	25	3.0	500	0.30	98	94	96	85	15	2.00	080M40 CD	080M40 H&T	080M40 H&T	95.0	20
96	ULAŞ RÜZGAR GÖKTUĞ	25	3.0	400	0.25	94	96	98	95	10	2.00	080M40 HR	080M50 HR	080M50 CD	99.0	30
97	ULUDAĞ GÜNGÖR CAN (FF)	20	5.0	600	0.30	96	98	94	85	20	2.00	080M40 HR	080M50 HR	080M50 CD	99.9	20
98	YALÇIN SEFA	30	4.0	500	0.20	98	96	96	95	20	2.25	080M50 H&T	080M50 CD	080M50 CD	99.0	30
99	YANARDAĞ SEFA	30	3.0	600	0.20	94	94	98	90	10	2.25	080M50 CD	080M50 CD	080M40 H&T	99.9	30
100	YAŞAR BURAK	30	3.0	500	0.25	94	98	94	90	20	2.50	080M50 CD	080M50 HR	080M50 HR	90.0	30
101	YAVUZ FERHAT ALİ	30	3.0	400	0.30	98	96	94	85	15	2.25	080M50 HR	080M40 HR	080M40 H&T	95.0	25
102	YENER MERTCAN	25	3.0	500	0.25	96	94	94	90	10	2.50	080M50 H&T	080M50 HR	080M50 HR	95.0	30
103	YILDIZ ABDULLAH	20	4.0	400	0.30	96	96	96	85	15	2.00	080M50 H&T	080M50 HR	080M40 CD	90.0	25
104	YILMAZ FARUK (NA)	30	4.0	600	0.20	98	98	98	85	20	2.25	080M40 CD	080M40 H&T	080M50 HR	90.0	25
105	YILMAZ SALİH TACETTİN	30	3.0	600	0.20	98	96	96	85	15	2.25	080M40 H&T	080M40 CD	080M40 HR	95.0	25
106	YILMAZ HASAN	25	3.0	600	0.25	96	98	94	90	10	2.50	080M40 H&T	080M40 HR	080M50 CD	90.0	25
107	ZORLUER ANIL YUSUF	20	4.0	500	0.30	98	96	94	85	15	2.00	080M40 HR	080M40 HR	080M40 HR	90.0	25

DATA LIST																
ME 308 MACHINE ELEMENTS II 2023-2024 SECOND PROJECT GEAR DESIGN AND BEARING SELECTION (ET)																
NO	SURNAME, NAME	Diameter of Conveyor drum (cm)	Electric Motor Power (hp)	Rotational speed of electric motor (rpm)	Linear speed of conveyor (m/sec)	Gear efficiency for spur gears (%)	Gear efficiency for helical gears (%)	Gear efficiency for bevel gears (%)	Electric motor efficiency (%)	Helix angle for helical gears	Factor of safety	Materials of the gears	Materials of Helical Gear Set	Materials of Bevel Gear Set	Reliability of the gears (%)	Min. required life for bearings (khrs)
1	ABDELSATTAR AHMED MAGDI K. A.	30	3.0	400	0.25	96	94	94	85	15	2.25	080M50 H&T	080M40 H&T	080M50 HR	99.9	30
2	ABULAIMON YOUSEF M. I.	25	3.0	500	0.20	98	96	94	85	20	2.50	080M40 H&T	080M50 HR	080M50 HR	99.9	25
3	ACIR BERKAY (FF)	20	4.0	400	0.25	94	98	98	90	10	2.00	080M50 H&T	080M40 CD	080M50 HR	99.0	20
4	AK MUSTAFA	20	4.0	600	0.25	96	94	96	95	15	2.25	080M50 H&T	080M40 CD	080M50 CD	99.0	30
5	AKARSU ZELİHA (FF)	25	3.0	600	0.30	98	94	98	95	20	2.50	080M50 CD	080M40 HR	080M50 H&T	99.0	30
6	AKAY BERKAY (FF)	25	3.0	600	0.20	94	98	94	85	10	2.25	080M40 HR	080M50 H&T	080M40 CD	95.0	30
7	AKÇAKAYA MEMİK CAN (FF)	20	3.0	400	0.30	94	96	94	95	20	2.50	080M50 HR	080M50 H&T	080M50 HR	99.0	20
8	AKGÜL MİZGİN (FF)	30	4.0	500	0.30	98	96	98	85	20	2.00	080M50 HR	080M40 HR	080M40 H&T	95.0	25
9	AKTAY FERHAT	30	4.0	400	0.20	96	98	96	90	20	2.00	080M50 HR	080M50 H&T	080M40 H&T	99.9	20
10	ALAWAD AMER	20	5.0	500	0.25	96	94	96	85	20	2.25	080M50 H&T	080M50 H&T	080M40 H&T	90.0	25
11	ARAS METEHAN (FF)	25	5.0	400	0.30	98	96	98	90	15	2.50	080M40 CD	080M40 H&T	080M40 HR	99.9	20
12	ARSLAN EDİZ (FF)	20	5.0	500	0.25	94	94	96	95	10	2.25	080M50 HR	080M50 HR	080M40 CD	95.0	20
13	ASLANTAŞ OKAN (FD)	25	4.0	500	0.30	96	96	98	95	20	2.50	080M50 H&T	080M50 H&T	080M40 CD	99.9	25
14	AŞCI EMİR CAN	20	4.0	400	0.20	94	98	94	85	20	2.50	080M50 CD	080M40 CD	080M50 CD	99.9	25
15	ATAÇ ONUR CAN	30	3.0	500	0.20	96	98	94	85	15	2.00	080M40 H&T	080M50 CD	080M50 HR	99.0	20
16	AY HÜSEYİN CAN (FF)	25	3.0	400	0.25	98	98	98	90	15	2.00	080M50 HR	080M50 H&T	080M50 HR	90.0	25
17	AYDENİZ DELİL (FF)	20	5.0	500	0.30	98	96	96	95	20	2.00	080M40 CD	080M40 H&T	080M40 HR	99.0	20
18	AYDIN ATAKAN (FF)	20	5.0	400	0.30	98	98	96	85	15	2.25	080M40 CD	080M50 CD	080M40 CD	90.0	25

19	AYKANAT KAAH DAVUT (NA)	25	5.0	500	0.30	96	98	98	95	15	2.25	080M40 HR	080M40 H&T	080M40 HR	95.0	20
20	BAĞCI HASAN ENES	30	3.0	500	0.25	98	98	94	90	10	2.50	080M50 H&T	080M40 H&T	080M50 H&T	95.0	25
21	BAĞÇIVAN EREN ALP (FD)	20	3.0	600	0.20	94	96	96	90	20	2.25	080M50 H&T	080M40 H&T	080M50 H&T	99.0	25
22	BALCI HÜSEYİN (NA)	20	4.0	400	0.25	94	94	94	85	10	2.25	080M40 H&T	080M50 H&T	080M40 H&T	90.0	20
23	BALCI ÖMER FARUK	25	3.0	600	0.25	96	98	96	90	10	2.50	080M50 CD	080M50 CD	080M50 CD	99.0	20
24	BAŞBOĞA HAKAN (NA)	25	3.0	400	0.30	98	94	98	85	20	2.00	080M50 H&T	080M40 HR	080M40 HR	90.0	30
25	BAŞKURT KADİR DOĞUKAAN	20	5.0	500	0.20	96	94	98	85	20	2.25	080M40 CD	080M50 HR	080M40 CD	90.0	30
26	BAYMAZ AYDIN OĞULCAN	25	5.0	600	0.30	98	98	98	85	15	2.50	080M50 HR	080M50 HR	080M50 HR	99.9	20
27	BAYRAM ALİ	20	5.0	500	0.30	94	98	96	90	10	2.25	080M40 H&T	080M50 HR	080M40 H&T	99.9	20
28	BAYSAL ERSİN (FF)	20	3.0	400	0.20	96	96	94	95	10	2.50	080M40 H&T	080M50 CD	080M40 H&T	99.9	30
29	BOYAM TOLUNAY (FF)	25	3.0	500	0.25	98	98	94	95	10	2.00	080M40 H&T	080M50 H&T	080M40 H&T	95.0	25
30	BOZBAY EYUPHAN	30	4.0	400	0.30	94	94	98	85	10	2.00	080M40 HR	080M40 CD	080M40 HR	95.0	20
31	BURU CEM	30	4.0	600	0.25	94	94	96	85	20	2.25	080M40 CD	080M50 HR	080M40 CD	95.0	25
32	CAN ARİF KEREM (FD)	25	3.0	600	0.30	98	96	98	90	20	2.25	080M40 CD	080M40 H&T	080M40 CD	95.0	20
33	ÇAVAN TOLGA ERDEM	20	4.0	600	0.30	96	98	94	95	10	2.50	080M50 CD	080M40 H&T	080M50 CD	99.9	30
34	ÇİVİ ÖMER FURKAN	20	5.0	400	0.20	98	96	94	85	10	2.50	080M50 HR	080M40 H&T	080M50 HR	99.9	20
35	DİNGİL ALTUĞ EREN	25	5.0	500	0.25	94	98	98	95	15	2.00	080M40 CD	080M40 HR	080M40 CD	99.0	20
36	DİNLEYİCİ GÖKŞİN (FF)	20	5.0	400	0.30	94	94	96	90	10	2.00	080M50 CD	080M40 CD	080M50 CD	90.0	20
37	DOKUZLAR BURAK	30	5.0	500	0.25	98	96	96	90	15	2.00	080M50 HR	080M40 CD	080M50 HR	95.0	20
38	ERTOKUŞ ARDA (FF)	30	4.0	400	0.30	96	98	98	90	10	2.25	080M40 HR	080M50 CD	080M40 HR	99.9	25
39	FİLİZ İSMAİL (FF)	20	3.0	500	0.20	96	94	94	90	10	2.25	080M40 HR	080M50 HR	080M40 HR	99.0	20
40	GÖKCEN KAZIM (FF)	25	3.0	500	0.20	98	94	96	90	15	2.50	080M50 H&T	080M40 CD	080M50 CD	99.9	30
41	GÖKTAŞ KEMAL (FF)	20	3.0	400	0.25	94	98	94	85	20	2.25	080M40 H&T	080M50 CD	080M40 H&T	90.0	25
42	GÜLDAL MURAT	25	3.0	500	0.30	96	96	96	85	20	2.50	080M40 CD	080M50 HR	080M40 CD	90.0	25
43	İLHAN İLKER MERT (FF)	20	4.0	400	0.30	94	98	98	90	15	2.00	080M50 CD	080M40 HR	080M50 CD	95.0	30
44	İYİSARAÇ KEMAL (FF)	30	4.0	500	0.30	96	94	98	95	10	2.00	080M40 HR	080M40 HR	080M40 HR	99.0	30
45	KAHRAMAN MUHAMMED ALİ (FF)	25	5.0	400	0.25	98	94	98	85	15	2.25	080M40 H&T	080M50 H&T	080M40 H&T	99.9	20
46	KALE HAKTAN (FF)	20	3.0	500	0.30	98	98	96	95	15	2.50	080M50 HR	080M40 H&T	080M50 HR	90.0	30
47	KALE ATAKAN FATİH (FF)	20	4.0	500	0.30	98	96	98	90	20	2.25	080M40 H&T	080M40 CD	080M40 H&T	95.0	30
48	KANLI HASAN BASRİ (FF)	25	3.0	400	0.25	96	96	98	90	20	2.50	080M40 HR	080M40 H&T	080M40 HR	95.0	30
49	KARA HALİL	30	3.0	600	0.20	94	98	98	85	15	2.25	080M50 CD	080M40 HR	080M50 CD	99.0	20
50	KARDAŞ YAKUP	20	4.0	600	0.25	94	94	96	90	20	2.25	080M50 CD	080M50 CD	080M50 CD	99.0	25
51	KARTAL MEHMET (NA)	20	4.0	600	0.25	96	96	98	85	10	2.50	080M50 H&T	080M50 CD	080M50 H&T	99.9	20
52	KAYA DENİZ (FF)	25	3.0	400	0.30	98	94	94	85	10	2.00	080M40 HR	080M50 H&T	080M40 HR	99.9	25
53	KAYA NECMETTİN (FF)	25	3.0	500	0.20	96	94	94	85	15	2.25	080M50 H&T	080M40 HR	080M50 H&T	99.9	20
54	KAYATÜRK BURKAY	20	3.0	400	0.30	98	96	96	90	15	2.50	080M50 H&T	080M50 H&T	080M50 H&T	99.0	25
55	KIRAÇ NİYAZİ (FF)	25	4.0	500	0.30	94	98	98	95	20	2.50	080M40 H&T	080M50 H&T	080M40 H&T	90.0	30
56	KONUŞ ÇİĞDEM ZEHRA	20	4.0	400	0.20	96	96	96	95	10	2.50	080M50 HR	080M40 H&T	080M50 CD	99.9	25
57	KURT MEHMET CAN (FF)	25	5.0	500	0.25	98	98	98	90	15	2.00	080M50 H&T	080M50 HR	080M50 HR	90.0	30
58	KÜÇÜK TALİP CAN	25	4.0	500	0.30	94	94	94	90	15	2.00	080M40 CD	080M50 H&T	080M40 CD	95.0	20
59	MANTAR AVNİ CAN	20	5.0	400	0.25	94	96	96	90	15	2.00	080M50 CD	080M40 CD	080M50 HR	95.0	30
60	MARKİLOLO EMMANUEL OKU.	25	4.0	500	0.25	98	98	98	85	20	2.25	080M50 H&T	080M50 CD	080M40 H&T	99.0	20
61	MENGLİ İBRAHİM (FF)	20	4.0	400	0.20	96	94	94	85	10	2.25	080M40 H&T	080M50 H&T	080M40 H&T	95.0	25
62	MERCAN CEM	20	3.0	500	0.25	98	94	94	90	15	2.50	080M50 CD	080M40 H&T	080M40 H&T	90.0	30
63	MOHAMED ABDİRAHMAN SAAİD	25	4.0	400	0.25	94	98	98	95	20	2.25	080M40 H&T	080M50 CD	080M40 HR	99.9	25
64	MUFTİ ZADAH GAWDAT	30	5.0	500	0.30	94	96	96	95	10	2.50	080M40 H&T	080M40 H&T	080M40 CD	99.9	25
65	MUHMED AHMED DAHIR	20	5.0	500	0.20	94	98	98	90	20	2.00	080M40 H&T	080M40 H&T	080M40 CD	99.9	30
66	MULLAHAMUT TANER	20	5.0	600	0.30	96	94	94	85	20	2.00	080M50 HR	080M40 H&T	080M50 H&T	99.9	20
67	OMAR SHAKİB MUSE	25	5.0	400	0.30	98	94	94	90	20	2.00	080M40 H&T	080M50 HR	080M40 H&T	99.9	20
68	ONARICI CENK (FF)	20	4.0	600	0.20	96	94	98	90	20	2.00	080M50 HR	080M50 CD	080M50 H&T	99.9	20
69	ONUR CENGİZ KIVANÇ (FD)	30	3.0	500	0.25	98	96	96	85	15	2.25	080M50 HR	080M50 H&T	080M50 H&T	99.9	20
70	ÖZKAN MUSTAFA (FF)	30	3.0	600	0.30	94	98	96	85	10	2.25	080M50 HR	080M40 HR	080M50 CD	99.9	30
71	PARLAR HASAN (FF)	20	3.0	500	0.25	96	96	98	90	20	2.50	080M40 HR	080M50 H&T	080M40 HR	95.0	25
72	SAĞLAM ŞAMİL TAHA	25	3.0	400	0.30	98	98	94	95	20	2.25	080M40 CD	080M50 H&T	080M50 HR	99.0	20
73	SAY HAMZA (FF)	20	4.0	500	0.30	94	98	96	85	15	2.50	080M40 HR	080M40 H&T	080M50 HR	99.9	25
74	SAYAR UĞURCAN (FD)	25	4.0	400	0.20	94	94	94	95	15	2.25	080M50 CD	080M50 HR	080M50 HR	99.0	25
75	SAYIM YİĞİT (FF)	20	5.0	600	0.25	98	96	96	90	20	2.25	080M40 HR	080M50 H&T	080M50 CD	99.0	20
76	SELLİ MERT CAN	30	3.0	600	0.30	96	98	98	90	15	2.50	080M50 H&T	080M40 CD	080M50 H&T	90.0	30
77	SEZGİN ERGÜN (FF)	25	4.0	600	0.25	98	96	98	85	15	2.25	080M50 CD	080M40 CD	080M40 CD	99.9	25
78	SOLAK MUSTAFA BİLAL	20	3.0	400	0.30	94	98	98	90	10	2.25	080M50 H&T	080M40 HR	080M50 HR	95.0	30
79	ŞAHİN MUHAMMET SEMİH	20	5.0	500	0.20	94	94	96	85	20	2.50	080M40 H&T	080M50 H&T	080M40 H&T	95.0	30
80	ŞAVUR MELİS CEMRE	25	4.0	400	0.20	98	96	94	85	10	2.00	080M50 HR	080M50 CD	080M40 H&T	99.9	30
81	ŞENGÜL ELİZABET	30	3.0	500	0.25	96	98	94	85	10	2.25	080M40 H&T	080M50 H&T	080M40 H&T	99.9	30
82	TOFAN MEHMET FARUK	20	4.0	400	0.30	96	94	96	95	20	2.50	080M50 HR	080M40 H&T	080M40 HR	95.0	20
83	TURGUT KENAN YUSUF (FF)	20	5.0	500	0.30	98	94	98	95	20	2.25	080M40 CD	080M50 HR	080M40 CD	90.0	20
84	TÜRKMEN İSA (FF)	20	4.0	500	0.30	96	98	96	85	15	2.50	080M50 HR	080M40 H&T	080M40 CD	99.9	25
85	UÇAR NURULLAH	25	3.0	400	0.25	98	96	98	95	10	2.00	080M40 HR	080M50 HR	080M50 HR	99.9	30
86	UÇAR MEHMET	30	3.0	600	0.30	94	98	94	85	10	2.00	080M50 CD	080M40 CD	080M50 HR	90.0	25
87	UYGUR ERAY (FF)	20	4.0	500	0.30	96	96	96	90	10	2.25	080M50 HR	080M50 HR	080M40 CD	90.0	20
88	UYĞUR MUHAMMET HAKAN (FF)	20	4.0	600	0.25	98	96	94	85	10	2.25	080M50 H&T	080M40 HR	080M50 CD	99.0	20
89	UZDİLLİ ALPER (FF)	25	3.0	500	0.20	96	98	98	90	20	2.25	080M40 CD	080M50 CD	080M50 HR	99.0	20

90	ÜSTÜN EMRE (FD)	25	4.0	400	0.25	98	94	96	90	20	2.50	080M40 CD	080M50 HR	080M40 HR	99.9	20
91	YAĞMUR BATUHAN	20	5.0	500	0.20	94	98	96	85	10	2.25	080M40 HR	080M40 CD	080M40 HR	99.9	20
92	YAMAN MUHAMMED İRŞADİ	25	5.0	400	0.25	94	96	98	90	10	2.50	080M50 HR	080M50 HR	080M50 CD	99.9	30
93	YARDIMCI ZEKERİYA TAHİR (FF)	20	5.0	600	0.30	98	98	94	85	15	2.00	080M50 HR	080M40 HR	080M50 H&T	99.9	30
94	YAŞAR MUHAMMED (NA)	25	5.0	400	0.25	96	94	96	85	10	2.25	080M40 H&T	080M50 CD	080M40 H&T	99.0	30
95	YAVAŞ SERAT (FF)	25	5.0	400	0.30	96	96	94	85	15	2.25	080M40 CD	080M50 HR	080M50 HR	95.0	20
96	YAVUZ TOLGAHAN (FF)	20	4.0	500	0.20	98	98	94	95	10	2.50	080M40 HR	080M50 H&T	080M40 H&T	99.0	30
97	YILDIRIM DENİZHAN (FF)	25	3.0	500	0.25	96	94	96	95	20	2.00	080M40 HR	080M50 CD	080M50 CD	99.9	20
98	YILDIRIM İBRAHİM (FF)	20	3.0	600	0.30	98	94	98	85	20	2.25	080M50 H&T	080M40 H&T	080M50 HR	99.0	30
99	YILMAZ ENES (FF)	25	4.0	600	0.30	94	98	96	85	10	2.50	080M50 CD	080M50 H&T	080M50 HR	99.9	30
100	YİR BAHATTİN	25	4.0	500	0.30	96	98	96	85	20	2.25	080M50 CD	080M50 HR	080M40 HR	90.0	30
101	YOUSSEF BAKRI YOUSSEF	20	3.0	400	0.25	96	98	96	95	15	2.50	080M50 HR	080M50 HR	080M40 CD	95.0	25