



HOT OIL PUMP – EKY SERIES



End Suction Hot Oil Pumps

Product Description

End suction hot oil pumps are specifically designed for industrial applications operating at high temperatures. These pumps ensure safe and effective transfer of hot oil. Thanks to the coupling connection design, the connection between the motor and the pump becomes easier and maintenance processes are accelerated.

Technical Specifications

- **Application Temperature:** It has high temperature resistance, usually up to 350°C.
- **Material Options:** Special wear-resistant alloys and stainless steel.
- **Flow Range:** Variable flow options according to need.
- **Pressure Capacity:** High pressure resistance, ensures safe operation.



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PARTS LIST													
DIN NORM	0,6025	0,7040	1.0619	1.4401	1.4301	1.4021	1.4571	1.4460	1.4462	2.1050.01	2.0975.01	1.0503	1.0037
PUMP BODY		☑											
PACKING BEARING		☑											
IMPELLER		☑											
BEARING HOUSE		☑											
SHAFT				☑	☑	☑	☑		☑				
CHASSIS													☑
MECHANICAL SEAL	EM320 TYPE CONICAL												

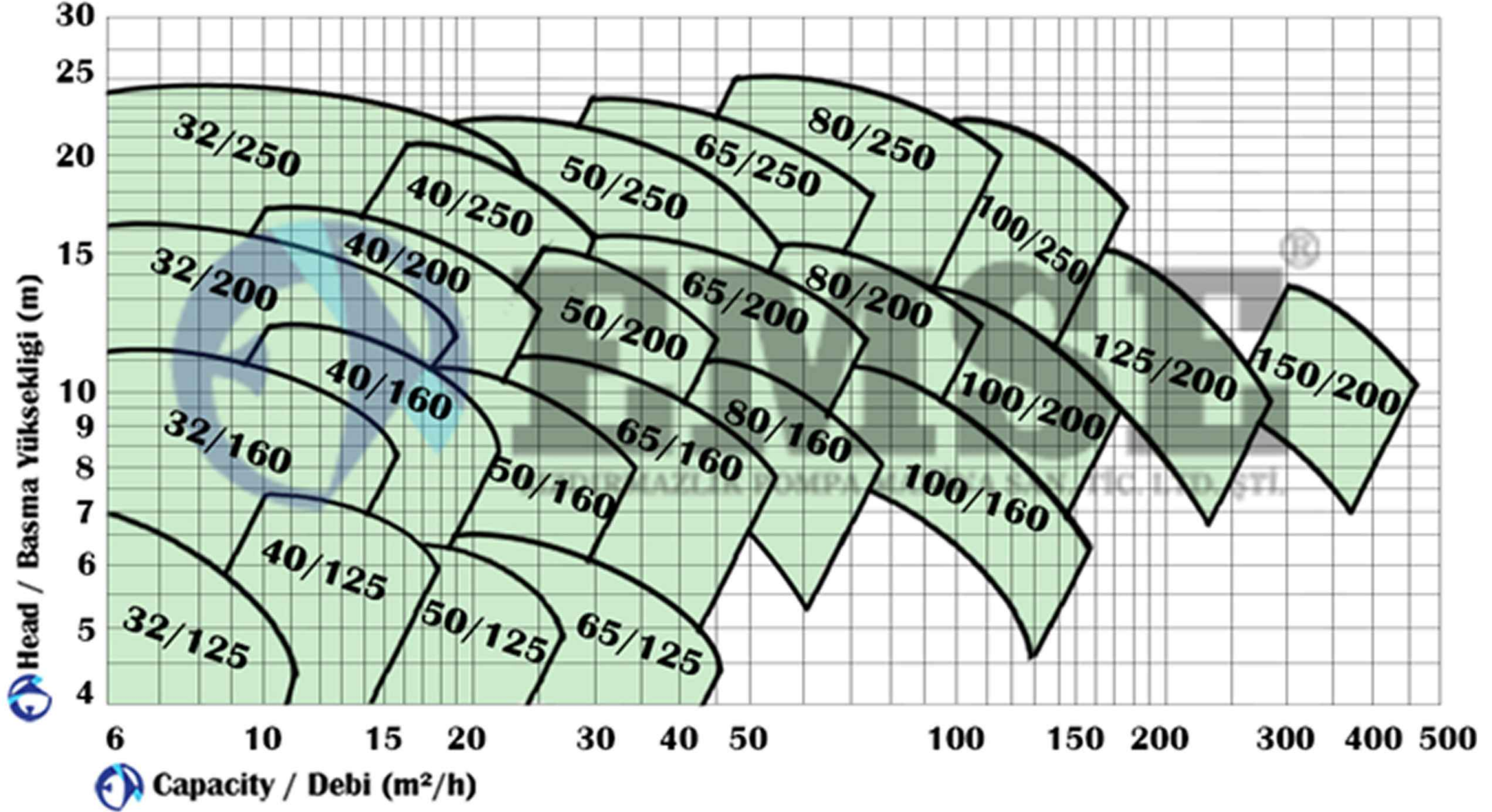
Area of Use	Description
Oil and Gas Sector	Used in hot oil, oil refining, and gas processing facilities.
Chemical Industry	Used in chemical production processes, reactors, and heating systems.
Food Processing	Used in food processing facilities, for transferring oils and other fluids.
Construction Sector	Used in heating and cooling systems in buildings.
Energy Production	Used in thermal power plants for heat transfer.
Automotive	Used in systems for transferring hot oil in engines and transmissions.
Metal Processing	Used in heating and cooling processes in metalworking.

GENERAL PERFORMANCE CURVES	
Head Range	Up to 10 bar
Flow	Up to 500 m ³ /h
Temperature	(+350)
Viscosity	0-50 CP

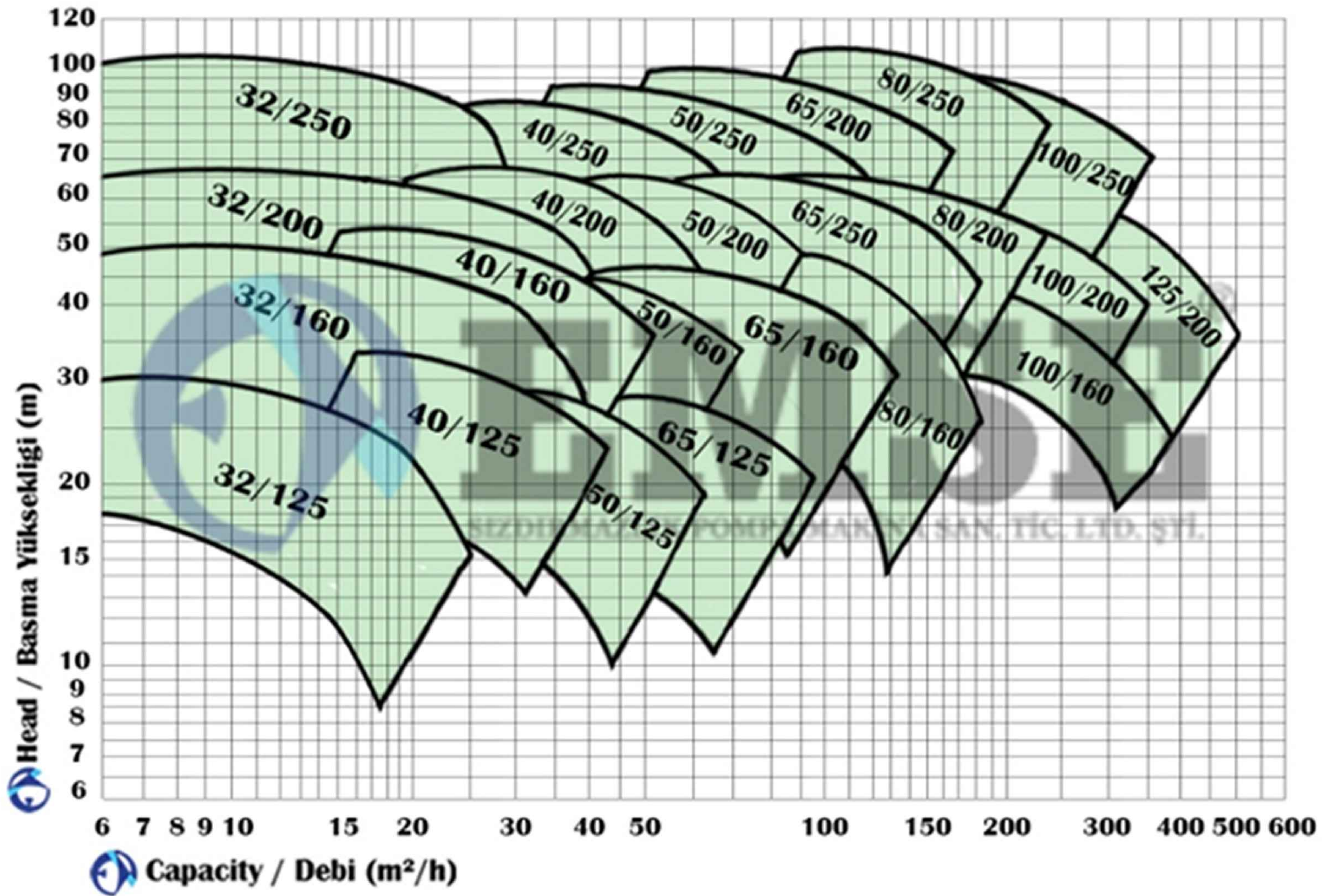


HOT OIL PUMP – CURVE – EKY SERIES

1450 RPM 50HZ CURVE



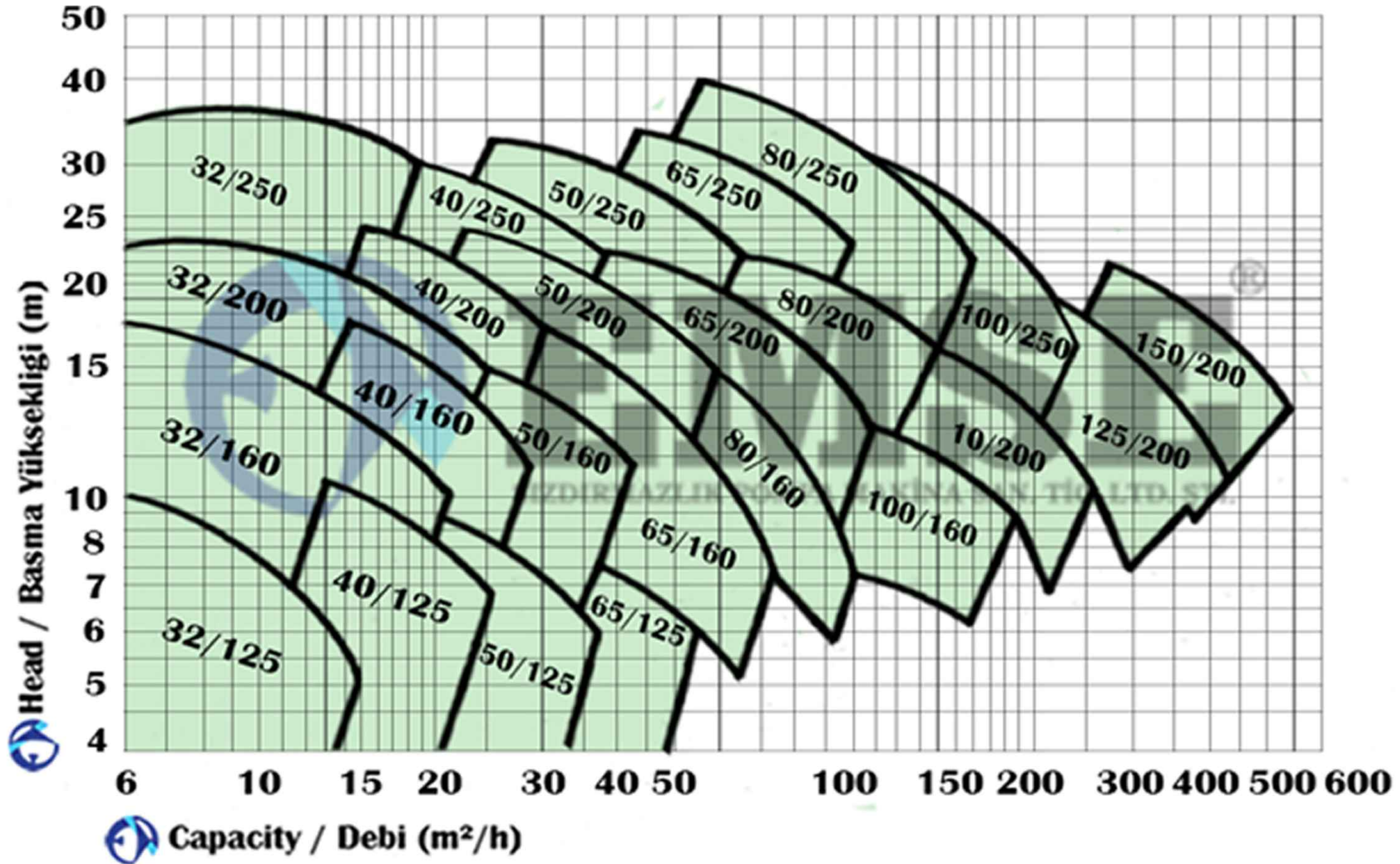
2900 RPM 50HZ CURVE



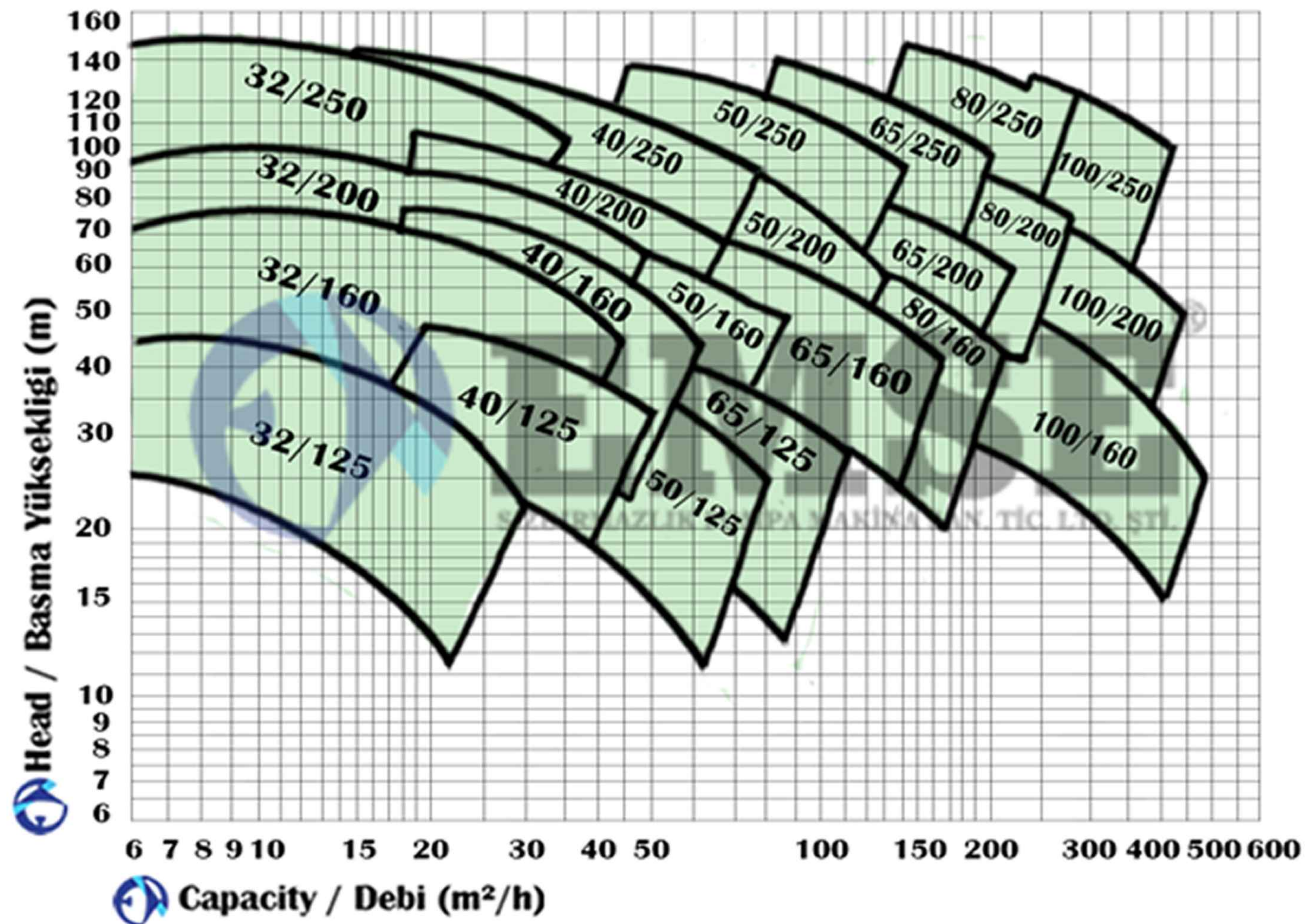


HOT OIL PUMP – CURVE – EKY SERIES

1750 RPM 60HZ CURVE

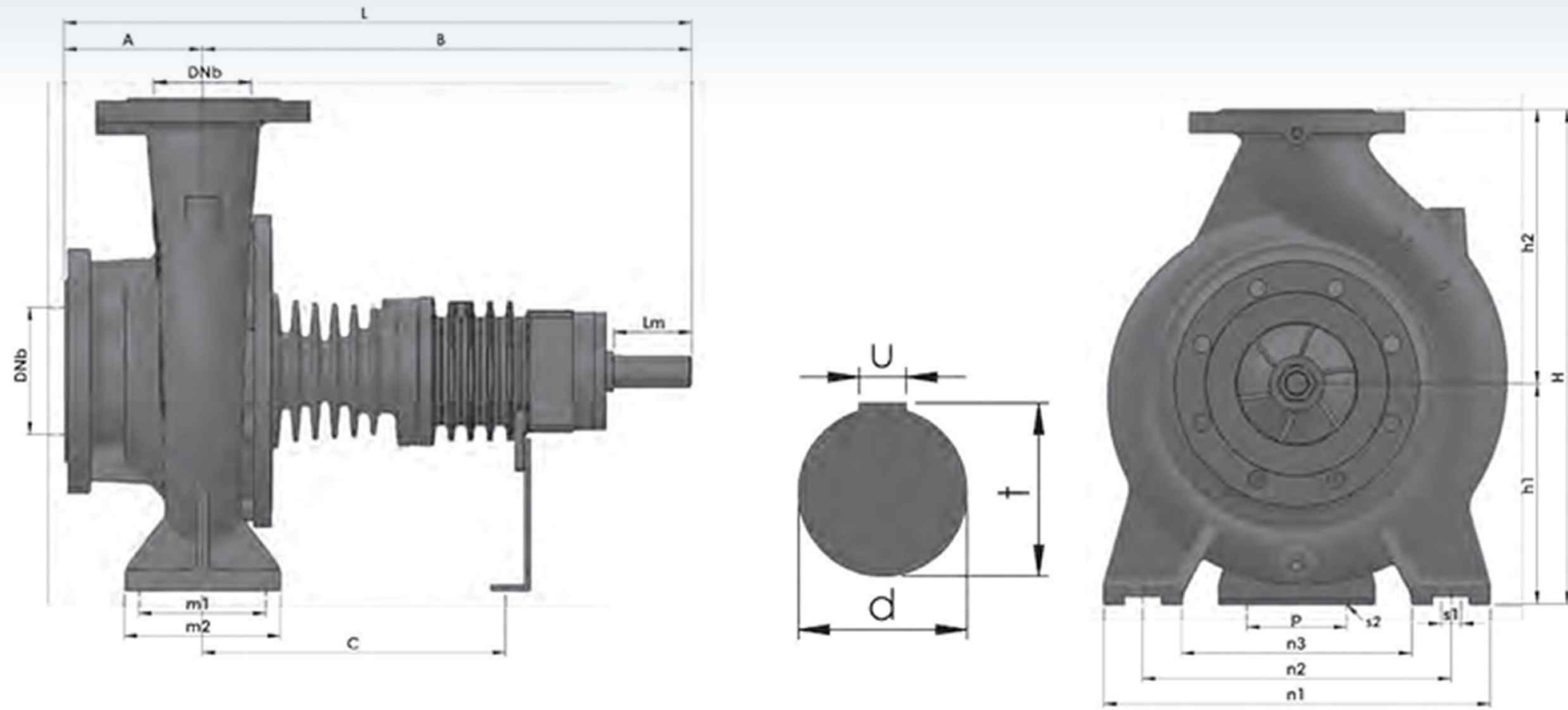


3500 RPM 60HZ CURVE





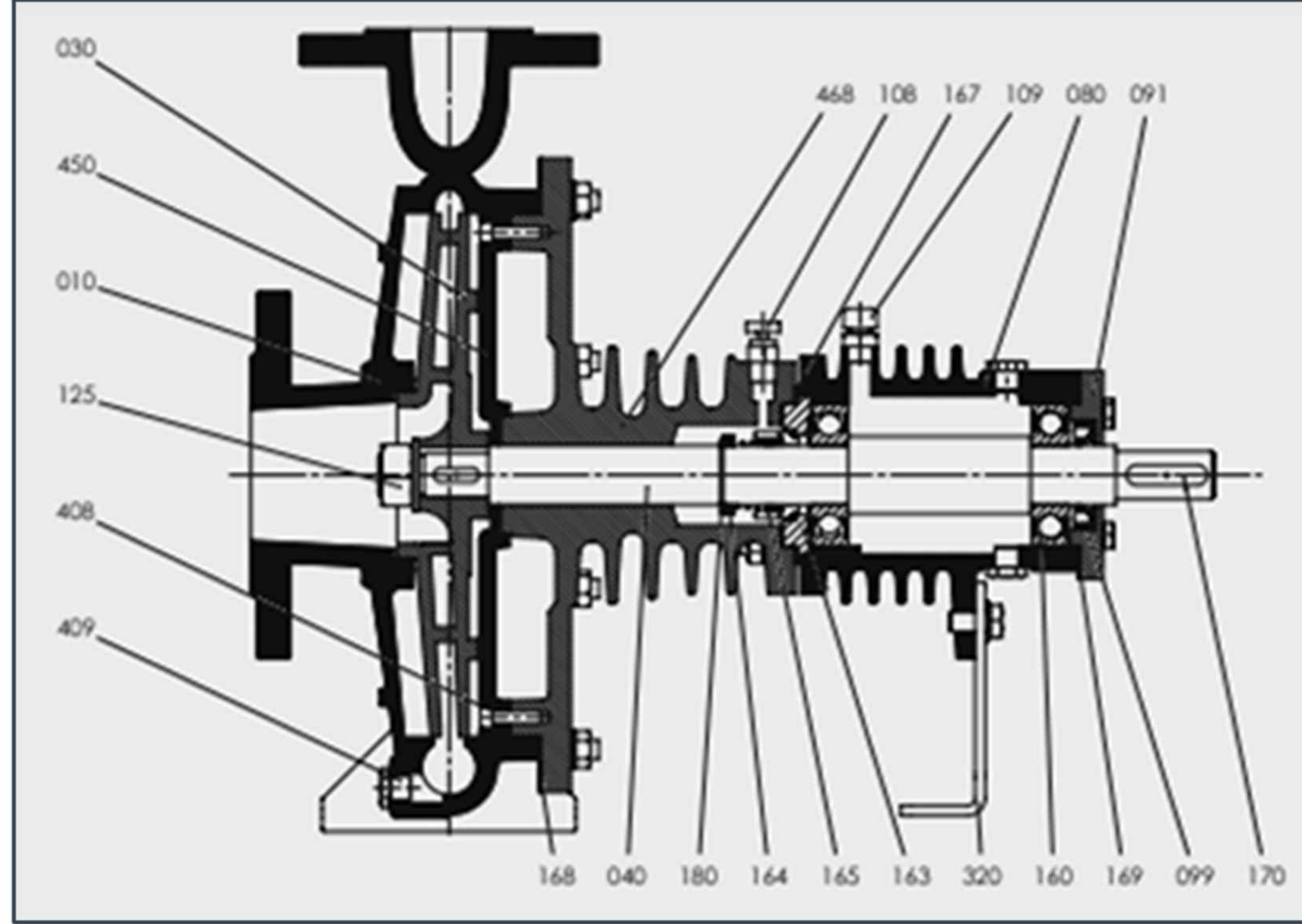
HOT OIL PUMP DIMENSIONS – EKY SERIES



	DN _c	DN _b	A	B	L	H	h1	h2	m1	m2	n1	n2	n3	s1	p	s2	C	d	Lm		u	Ag/We -KG
EKY 32-125	50	32	82	391	473	252	112	140	105	81	220	160	110		110	14	252	24	50	27	8	30
EKY 32-160			79	392	471	292	132	160	103	79	240	190	140	12			253					34
EKY 32-200			80	386	466	340	160	180	102		244		135				248					39
EKY 32-250			102	389	491	405	180	225	126	100	320	260	188	14			251					49
EKY 40-125	65	40	80	391	471	252	112	140	100	79	208	160	110	13			252					32
EKY 40-160			90	389	479	292	132	160	103	78	246	190	132	12			250					35
EKY 40-200			100	388	488	340	160	180	102	77	270	214	158				246				40	
EKY 40-250			114	384	498	405	180	225	128	99	320	255	186	14			246				53	
EKY 50-125	65	50	100	390	490	292	132	160	100	77	240	190	140				251				35	
EKY 50-160			110	385	495	340	160	180		75	268	214	160	12			245				38	
EKY 50-200				383	493	360		200	108	80	269	216	147				244				43	
EKY 50-250			101	387	488	405	180	225	124	97	316	248	176				249				56	
EKY 65-125	80	65	100	391	491	340	160	180	125	102	280	215	150	14			252				39	
EKY 65-160			108	383		360		200	127	100	282	214	144	245			42					
EKY 65-200			104	384	488	405	180	225	136	109	323	255	186	12			246				47	
EKY 65-250			100	502	602	450	200	250	160	125	365	278	195				18	314	32	80	35	10
EKY 80-160	100	80	126	390	516	405	180	225	126	99	331	263	194	12			252	24	50	27	8	47
EKY 80-200			130	499	629	430		250		102	345	280	201	16			312	32	80	35	10	73
EKY 80-250			127	501	628	480	200	280	160	125	405	317	235	18			313					80
EKY 100-160	125	100	120	399	519						480	200	280	163			125	363	278	193	18	261
EKY 100-200			127	506	633	160	130	360	285	206							20	318	32	80	35	10
EKY 100-250			142	502	644	505	225	280	160	126	395	315	235	18			314	85				
EKY 125-200	150	125	143	511	654	565	250	315		130	400	315	244	18			323	89				
EKY 150-200	200	150	162	513	675	635	280	355	204	158	513	403	293	20					135			



HOT OIL PUMP EXPLODED PICTURE – EKY SERIES



VOLUTE CASING	10	SALYANGOZ GOVDE
IMPELLER	30	ÇARK
SHAFT	40	MİL
BEARING HOUSING	80	RULMAN YATAĞI
BEARING COVER	91	RULMAN KAPAĞI
OIL SEAL	99	YAĞ KEÇESİ
AIR PURGE	108	HAVA PÜRJÖRÜ
AIR PLUG	109	HAVALANDIRMA TAPASI
NUT	125	SOMUN
BEARING	160	RULMAN
MECHANICAL SEAL COVER	163	MEKANİK SALMASTRA KAPAĞI
MECHANICAL SEAL SETTING SLEEVE	164	MEKANİK SALMASTRA MESAFE BURCU
MECHANICAL SEAL	165	MEKANİK SALMASTRA
MECHANICAL SEAL GASKET	167	MEKANİK SALMASTRA CONTASI
BODY SEAL	168	GÖVDE CONTASI
BEARING COVER GASKET	169	RULMAN KAPAK CONTASI
KEY	170	KAMA
SHAFT RING	180	MİL SEGMANI
SUPPORTING FEET	320	DESTEK AYAĞI
BOLT	408	CIVATA
DRAIN PLUG	409	BOŞALTMA TAPASI
WEAR PLATE	450	AŞINMA PLAKASI
CASING COVER	468	GÖVDE KAPAĞI