

Catalog designation

KVZ107 DRN160M4/TF/V
Bevel-helical gearmotors K..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction	: 79993115
Item	: 100
Serial number	: 01.7999311501.0001.21

Product data

Speed 50Hz [r/min]	: 1473 / 20
Speed 60Hz [r/min]	: 1776 / 24
Total ratio [i]	: 73,30 / infinite
Ma max [Nm]	: 8.000
Output torque 50Hz [Nm]	: 5230
Output torque 60Hz [Nm]	: 4340
Service factor SEW-FB	: 1,55 / 1,85
Mounting position	: M2A
Term.box.pos.[°] / cable entry	: 90 (B) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 20,80
Paint coat	: Top coat RAL9005 (jet black)
Gear unit	: KVZ107
Hollow shaft	: 85mm
Design	: B14-flange-mounted version and hollow shaft with splined hollow shaft to DIN 5480
Safety cover	: None
Flange	: 210mm centering shoulder
Documentation no. A	: 26856948
Parts list	: 382711395
Motor	: DRN160M4/TF/V
Motor power [kW]	: 11
Cyclic duration factor S1-S10	: S1
Multi range-voltage 50Hz [V]	: 380-400 delta / 660-690 star
Nominal current [A]	: 22,00 / 12,60
Multi range-voltage 60Hz [V]	: 440-460 delta
Nominal current [A]	: 19,10
Information	: With 415V, 50Hz and 480V, 60Hz, data on a separate adhesive label
cos phi	: 0,81 / 0,80
Wiring diagram	: R13T / 681510506
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
Service factor motor	: 1.0
International efficiency class	: IE3
Efficiency 50Hz at 50/75/100% Pn [%]	: 91,1 / 91,7 / 91,4
Efficiency 60Hz at 50/75/100% Pn [%]	: 91,2 / 92,3 / 92,4
Design specification	: Europe (CE)/USA (UR)/Canada



	(CSA)/
	: PR China (GB18613-2012)
CE mark	: Yes
EISA identification	: Yes, conform to EISA
K.V.A.code	: H
Design	: NEMA A
China Efficiency Class	: Grade 2
Energy Label China	: Yes, accord. to GB18613-2012/CEL007-2016
Energy label no.	: 22785949
Forced cooling fan	: V = Forced cooling fan
Forced cooling fan voltage [V]	: Single-phase:230...277VAC, 50/60Hz : Delta: 200...303VAC, 50Hz : Star: 346...525VAC, 50Hz : Delta: 220...332VAC, 60Hz : Star: 380...575VAC, 60Hz
Flow rate air [m3/h]	: 780
Forced cool.fan wir.diagr.no.	: 690240007
Motor protection	: TF = PTC Temperature sensor
Terminal box	: Terminal box lower part made of aluminum : with tapped hole 2xM40, 2xM16
CT speed range	: 0-1800RPM
Documentation no. A	: 25957066 : 26857987
Spare parts list	: You can find the SWPL (spare and wearing : parts list) under the serial number in : the Online Support.
Nameplate	: German
Nameplate position	: 180°
Opera.instr. A lang./quantity	: German / 0
Parts list/language/quantity	: German / 0
Commodity code	: 85015230
COO	: DE
Weight	: 371.00 kg

DRN160M 4,6,8

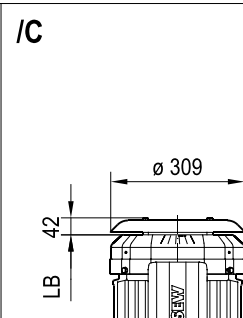
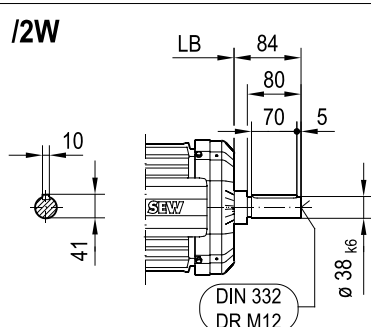
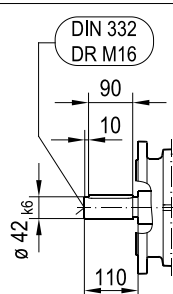
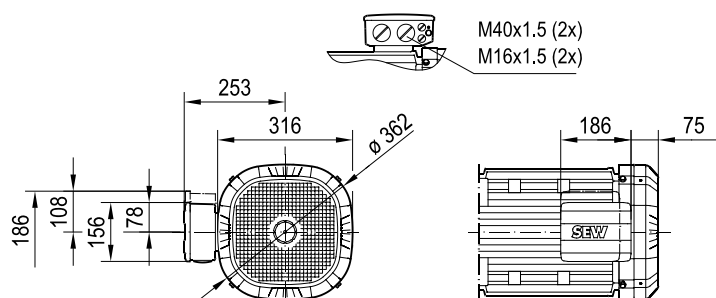
DR2S160M 4

DR2L160M 4

DRN160L 4,8

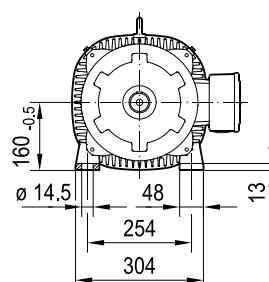
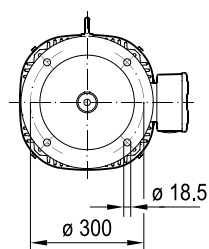
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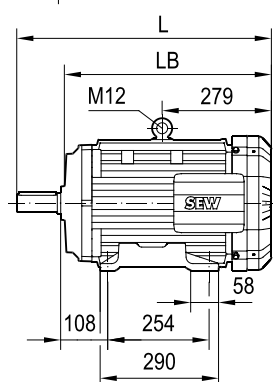
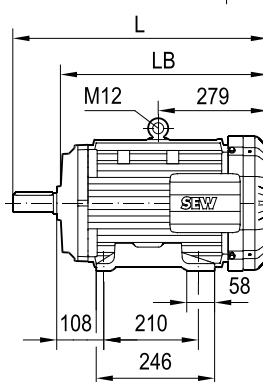
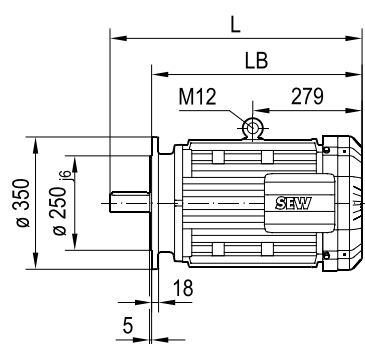
/FF (B5) FF300D350

/FI (B3)



160M

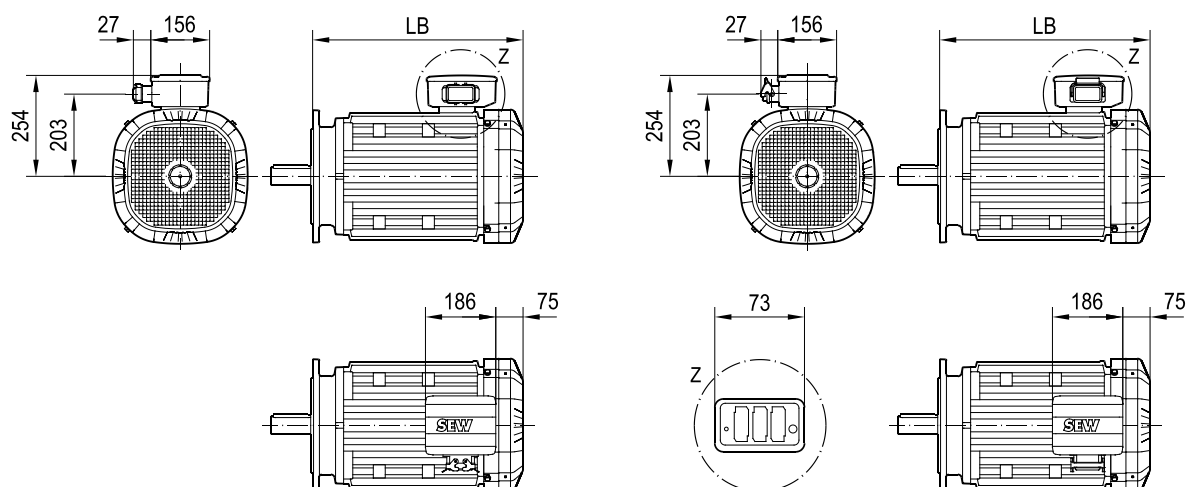
160L



(→)	160M(I/G)	160L						
L	642	642						
LB (B5/B14)	532	532						
LB (B3)	529	529						

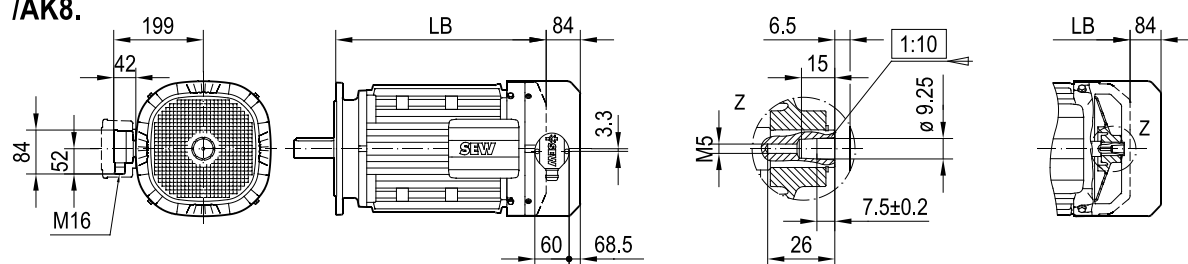
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/IV



/EK8.

/AK8.

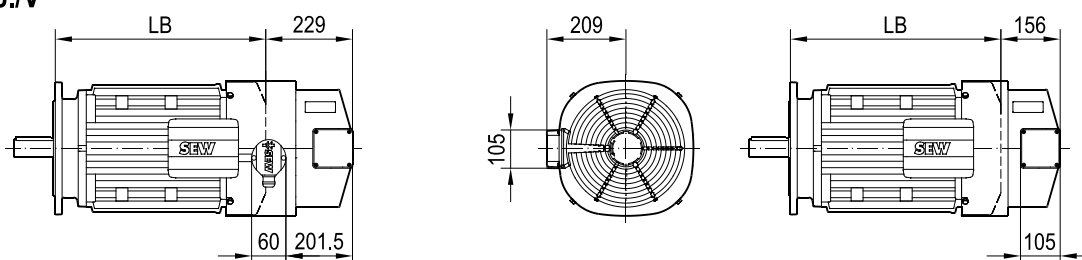


/EK8A

/EK8./V

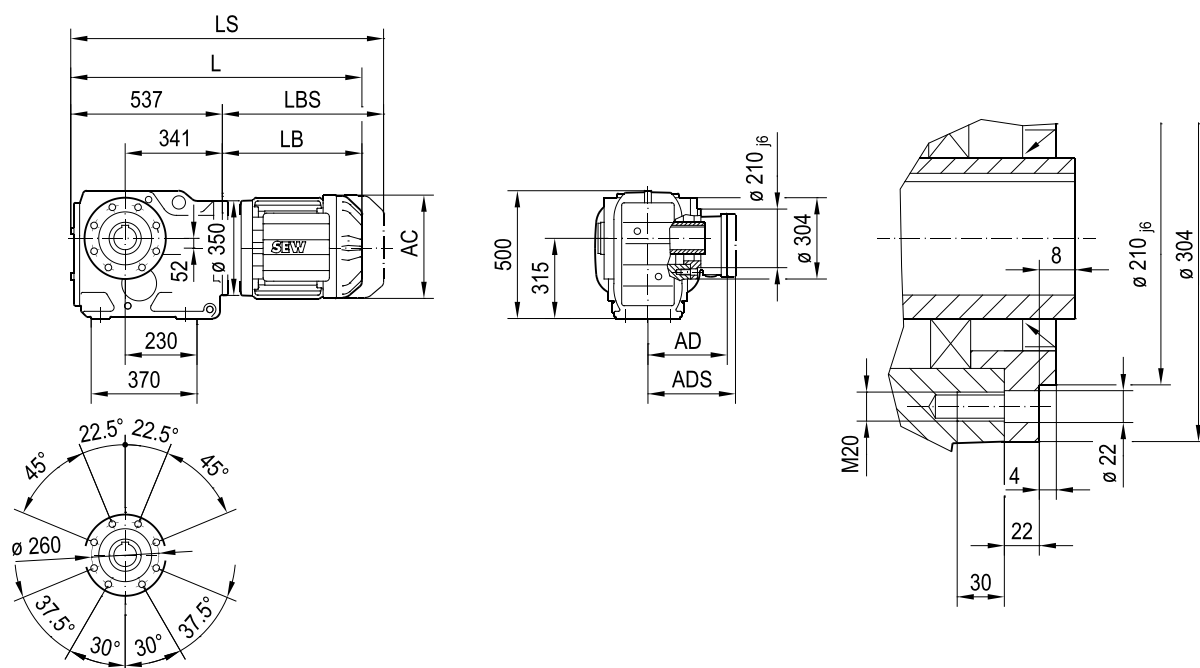
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/V

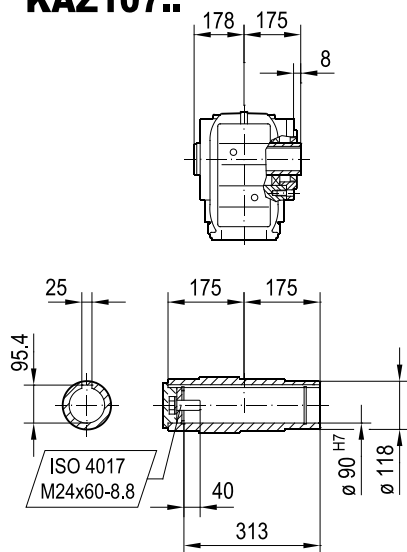


(→)	160M(G)	160L						
L	642	642						
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LB (B3)	529	529						

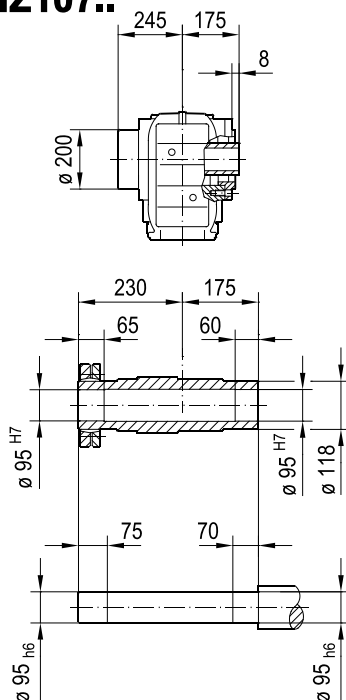
KAZ107..



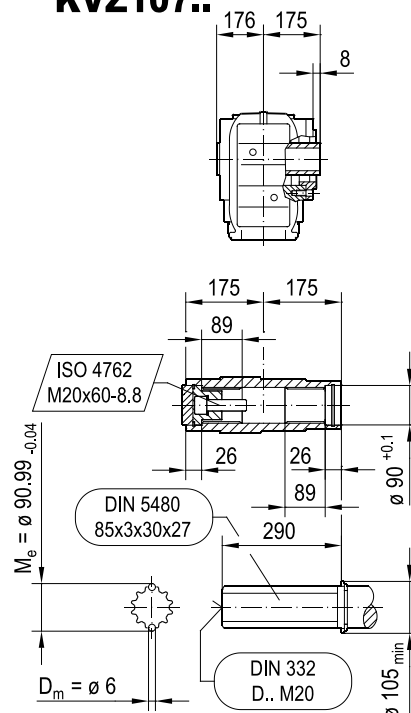
KAZ107..



KHZ107..



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(> 7.3)	DRN								
	100L/LM	112M	132S	132M	132L	160..	180..	200L	225..
AC	197	221	221	261	261	314	357	394	434
AD	157	170	170	228	228	253	268	283	305
ADS	158	172	172	228	228	253	268	283	305
L	869	900	950	968	994	1060	1083	1193	1167
LS	963	1012	1062	1106	1131	1249	1272	1398	1372
LB	332	363	413	431	457	523	546	656	630
LBS	426	475	525	569	594	712	735	861	835