

Catalog designation

SA67 DRN90L4
Helical-worm gearmotors S..DRN.. (IE3)

Product data

Speed 50Hz [r/min]	: 1461 / 63
Speed 60Hz [r/min]	: 1767 / 76
Total ratio [i]	: 23,22 / finite
No. of teeth nom./denominator	: 1161/50
Ma max [Nm]	: 340
Output torque 50Hz [Nm]	: 210
Output torque 60Hz [Nm]	: 173
Service factor SEW-FB	: 1,65 / 1,95
Mounting position	: M2AB
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: CLP PG 680 Synth.Oil / 2,00
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: SA67
Hollow shaft	: 40mm
Design	: Hollow shaft
Safety cover	: None
Documentation no. A	: 26865343 26883392
Parts list	: 282561496 / 0
Motor	: DRN90L4
Motor power [kW]	: 1.5
Cyclic duration factor S1-S10	: S1
Multi range-voltage 50Hz [V]	: 220-230 delta / 380-400 star
Nominal current [A]	: 6,00 / 3,45
Multi range-voltage 60Hz [V]	: 254-266 delta / 440-460 star
Nominal current [A]	: 5,20 / 3,00
cos phi	: 0,74 / 0,70
Wiring diagram	: R13 / 680010306
Thermal cl.[°C]/Enclosure[IP]	: 130(B) / 54
Service factor motor	: 1.0
International efficiency class	: IE3
Efficiency 50Hz	
at 50/75/100% Pn [%]	: 84,6 / 86,1 / 85,6
Efficiency 60Hz	
at 50/75/100% Pn [%]	: 83,5 / 85,9 / 86,5
Design specification	: Europe (CE)/USA (UR)/Canada (CSA)
CE mark	: Yes
EISA identification	: Yes, conform to EISA
K.V.A.code	: M
Design	: NEMA A
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xM25, 1xM16
CT speed range	: 300-1800RPM
Documentation no. A	: 25957066 26857987 26864274
Nameplate	: German
Nameplate position	: 270°
Nameplate language 2nd set	: German



Nameplate position 2nd set	: Loosely enclosed in a plastic bag
Opera.instr. A lang./quantity	: German / 1
Parts list/language/quantity	: German / 1
Commodity code	: 85015220
Weight	: on request