

SINGLE SCREW EXTRUDER GEAR UNIT PRE-SIZING QUESTIONNAIRE

Customer

Extruder Application

Extruder Designation

Extruder Screw direction of rotation
(view on gear unit LSS face)

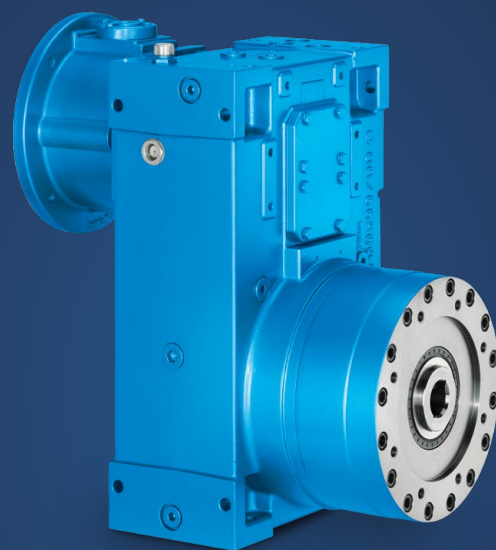


DRIVE MACHINE (ELECTRIC MOTOR)

Motor Power P_M [KW]
Motor Speed n_M [1/min]

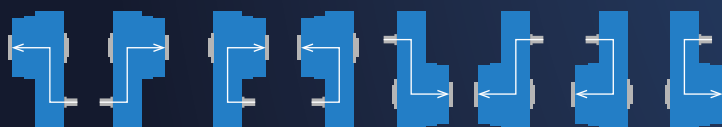
GEAR UNIT

Input Speed (HSS) n_1 [1/min]
Output Speed (LSS) n_2 [1/min]
Gear Ratio i [-]
Torque (LSS) T_2 [Nm]
Thrust Load (LSS) F_a [kN]



ASSEMBLY / INSTALLATION

Upright installation (side view)



Horizontal installation (top view)



DRIVEN MACHINE (EXTRUDER)

Duty D [h/day]
Starts per Day S [-]
Operating Cycle (per hour) ED [%]

AMBIENT CONDITIONS

Temperature (place of installation) $T_{u_{min}}$ [°C] $T_{u_{max}}$ [°C]
Humidity RH [%]
Contamination Dust Gas

FLENDER