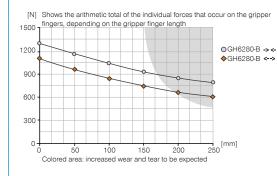
2-JAW PARALLEL GRIPPERS WITH LONG STROKE INSTALLATION SIZE GH6280

▶ PRODUCT SPECIFICATIONS



Gripping force diagram



Forces and moments

Displays static forces and moments that can also have an effect, besides the gripping force.



Mr [Nm]	140
Mx [Nm]	175
My [Nm]	120
Fa [N]	3000

► INCLUDED IN DELIVERY



2 [piece] Mounting block

KB8-28



4 [piece] Centering Disc **DST41000**

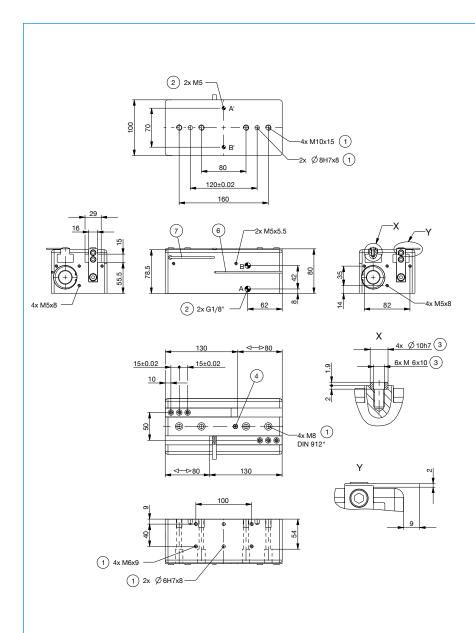


2 [piece] Flow Control Valves - with Swivel joint

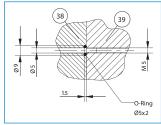
DRV1-8X8

> YOU CAN FIND RECOMMENDED ACCESSORIES ON THE FOLLOWING PAGES

	Technical data	
Order no.	GH6280-B	GHK6280
Stroke per jaw [mm]	80	80
Gripping force in closing [N]	1280	1280
Gripping force in opening [N]	1100	1100
Retention force in case of drop in pressure [N]		640
Closing time [s]	0.4	0.4
Opening time [s]	0.4	0.4
Dead weight of mounted gripper finger max. [kg]	2.5	2.5
Length of the gripper fingers max. [mm]	250	250
Repetition accuracy +/- [mm]	0.05	0.05
Operating pressure min. [bar]	3	3
Operating pressure max. [bar]	8	8
Nominal operating pressure [bar]	6	6
Operating temperature min. [°C]	+5	+5
Operating temperature max. [°C]	+80	+80
Air volume per cycle [cm³]	367	367
Protection to IEC 60529	IP40	IP40
Weight [kg]	4.8	5.3



- ① Gripper attachment
 ② Energy supply
 ③ Fixing for gripper finger
 ④ Lubrication nipple
 ⑥ Integrated slot for magnetic field sensor
 ⑦ Fixing for mounting block
 ③ Adapter
 ④ Gripper
 ④ Air connection (close)
 ⑥ Air connection (open)
 ④ Air connection, alternative (close)
 ⑥ Air connection, alternative (open)



Hoseless air feed-through