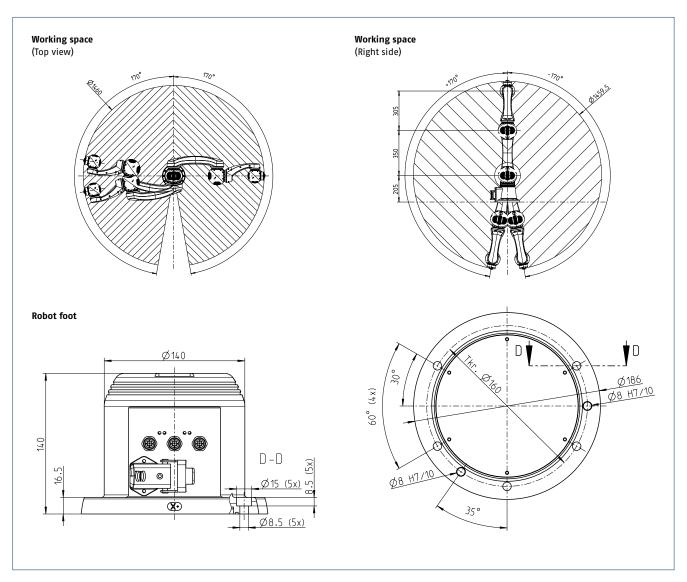
Powerball Lightweight Arm LWA 4P

Technical data



Designation	LWA 4P	
ID	0306960	
Туре	6 DOF lightweight robot	
Number of axes	6	
Max. useful load [kg]	6	
Repeat accuracy [mm]	±0.15	
Position feedback	Pseudo-absolute position measurement	
Drives	Brushless servomotors with permanent- magnet brake	
Pan-tilt unit flange	Flat tool changer with free lines and power supply	
Installation direction	User-defined	
Weight [kg]	12.5	
IP class [IP]	40	
Power supply	24 V DC / avg. 3 A / max. 14 A	
Interface	CANopen (CiA DS402:IEC61800-7-201)	

Axis data			
Axes	Speed with nominal load	Area	
Axis 1	72 °/s	±170°	
Axis 2	72 °/s	±170°	
Axis 3	72 °/s	±155.5°	
Axis 4	72 °/s	±170°	
Axis 5	72 °/s	±170°	
Axis 6	72 °/s	±170°	
Accessories			
Gripper	WSG 50, PG-plus 70, MEG, SDH 2		
Changer	FWS 115		
Robot control system	ROS node (ROS.org) oder KEBA CP 242/A (KEBA.com)		