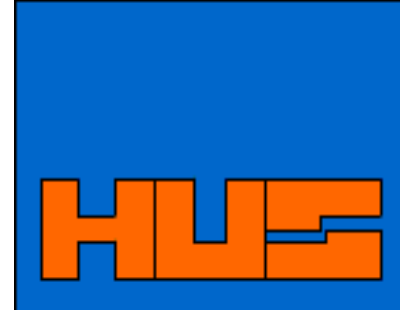


HUS Pneumatic double-piston rotary actuators



Parts lists / materials

DKSM

TB-0.500-02-08.03

09/09/2020

DKSM		<i>double-acting</i>	DKSM 050 to DKSM 250		Product group	500
Item	Pcs.	Designation	Material / standard		Comment / installation location	
4.501	1	Housing	Aluminium alloy Aluminium			
4.502	2	Cover	alloy Aluminium alloy			
3.503	2	Piston	Stainless steel			
4.504	1	Operating shaft	Steel – hard chrome plated	1.4305		
3.505	2	Piston rod	Stainless steel			
3.506	2	Gear rack	Plastic compound	1.4305		
4.509	1	Bearing sleeve	Plastic compound	G	Housing	top
4.509	1	Bearing sleeve	Plastic compound	G	Housing	bottom
4.509	2	Guide bush	POM	G	Piston rod guide	
4.510	1	Support disc			Operating shaft	
5.520	2	Piston seal	NBR	„PDA“	Piston	
5.521	2	O-ring	NBR	70 Shore	Cover	
5.521	2	O-ring	NBR	70 Shore	Air duct	
5.521	1	O-ring	NBR	70 Shore	Shaft	oben
5.521	1	O-ring	NBR	70 Shore	Shaft	unten
0.471	1	Circlip	DIN 471	A4	Operating shaft	
0.912	4	Allen screw	DIN 912-12.9		Piston	
0.125	8-16	Disc	DIN 125	A2	Cover mounting	
0.933	8-16	Hex-head screw	DIN 933	A2-70	Cover mounting	

DKSM		<i>single-acting</i>	DKSM 050 to DKSM 250		Product group	505
Item	Pcs.	Designation	Material / standard		Comment / installation location	
4.501	1	Housing	Aluminium alloy			
4.502	2	Cover	Aluminium alloy			
3.503	2	Piston	Aluminium alloy			
4.504	1	Operating shaft	Stainless steel	1.4305		
3.505	2	Piston rod	Steel – hard-chrome plated			
3.506	2	Gear rack	Stainless steel	1.4305		
3.507	2	Spring sleeve	Spring steel wire	1.4305 / 1.4301		
5.507	2	Spring	Stainless steel			
3.508	2	Spring plate	Plastic compound	1.4305		
4.509	1	Bearing sleeve	Plastic compound	G	Housing	top
4.509	1	Bearing sleeve	Plastic compound	G	Housing	bottom
4.509	2	Guide bush	POM	G	Piston rod guide	
4.410	1	Support disc			Operating shaft	
5.520	2	Piston seal	NBR	„PDA“	Piston	
5.521	2	O-ring	NBR	70 Shore	Cover	
5.521	2	O-ring	NBR	70 Shore	Air duct	
5.521	1	O-ring	NBR	70 Shore	Shaft	oben
5.521	1	O-ring	NBR	70 Shore	Shaft	unten
5.521	2	O-ring	NBR	70 Shore	Spring sleeve Cover	
0.471	1	Circlip	DIN 471	A4	Operating shaft	
0.912	4	Allen screw	DIN 912-12.9		Piston	
0.125	8-16	Disc	DIN 125	A2	Cover mounting	
0.933	8-16	Hex-head screw	DIN 933	A2-70	Cover mounting	