



MEGATEC

Pneumatic and Hydraulic Actuator

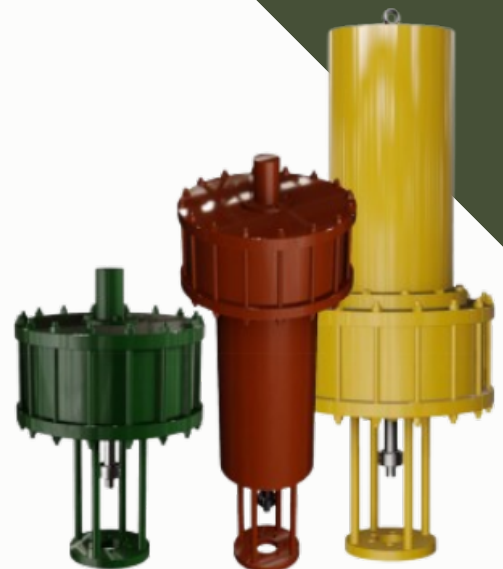


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MEGATEC

Pneumatic and Hydraulic Actuator

- 01 RPD Series (SYMETRIC)
- 02 CCD Series (CANTED)
- 03 DPD Series (SYMETRIC)
- 04 DCD Series (CANTED)
- 05 PCS Series (SYMETRIC)
- 06 CCS Series (CANTED)
- 07 ACCESSORIES

MEGATEC

Actuator Specialist

MEGATEC Heavyduty Actuators are designed to operate ball, butterfly and plug valves requiring a quarter turn movement for either on/off or modulating duty. This classic design in its symmetrical form delivers torque in a manner shown in this diagram. It affords a rugged yet compact design for operating valves that require higher peak torque near the open or closed extremities of valve stroke.

Another HD Actuators are alternatively supplied with canted torque arms, where the machine is biased to deliver more torque at one extremity of stroke. Use of canted torque arms can further reduce the cost, weight and size of actuation where the torque demand of the valve is highest at one end of stroke - normally at the close position.

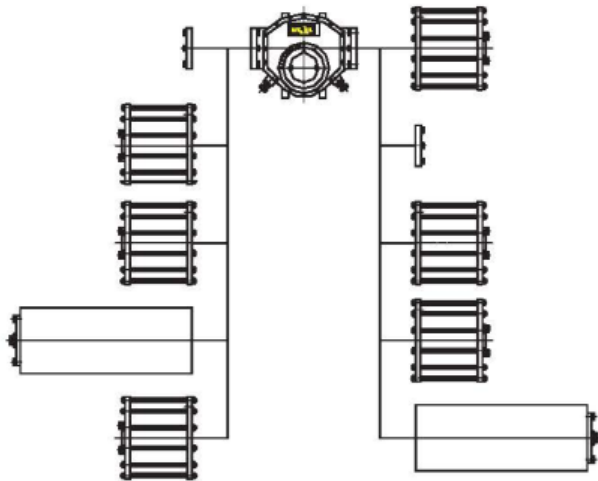
MODULAR CONSTRUCTION

MEGATEC Heavy Duty Actuators share a modular construction design. The centre body is available in five sizes. A pneumatic cylinder can be attached to either or both sides. A spring can cylinder can also be fitted to either side for Emergency Shut Down applications.

Safe and Versatile

Spring return units can be assembled to provide spring return operation in either direction. The spring return module is inherently safe since it can only be removed from the centre body after all spring forces have been released.

Modular Construction



RPD	(SYMMETRIC)
CCD	(CANTED)
-Right Cylinder Double Acting Actuator	
LPD	(SYMMETRIC)
-Left Cylinder Double Acting Actuator	
DPD	(SYMMETRIC)
DCD	(CANTED)
-Double Cylinder Double Acting Actuator	
PCS	(SYMMETRIC)
CCS	(CANTED)
-Normal Close Single Acting Actuator	
POS	(SYMMETRIC)
COS	(CANTED)
-Normal Open Single Acting Actuator	

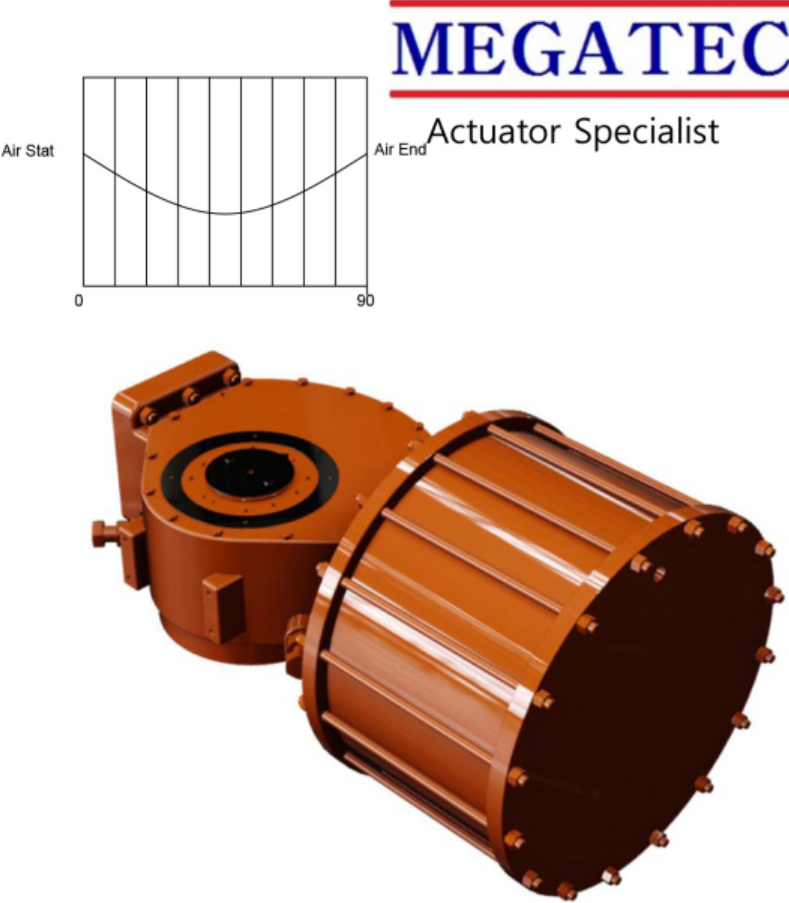
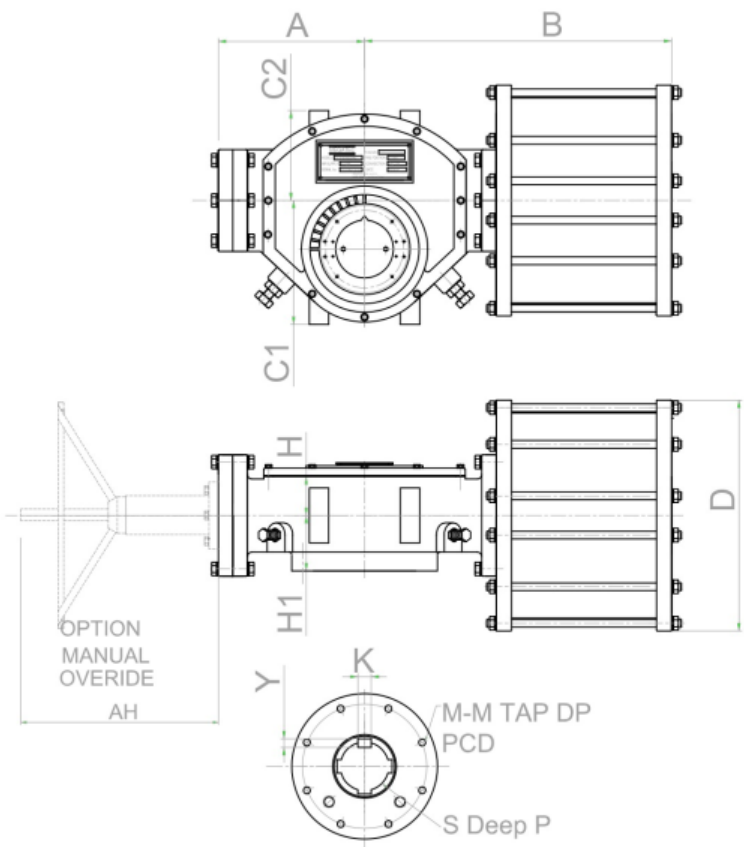
Emergency and Manual override

Emergency manual operating is guaranteed using the optional jackscrew with handwheel. Reduction gearing for large actuators, declutchable and removable handwheels are also available.

For larger, high torque actuators, hydraulic manual override units are also available.



RPD Series (SYMETRIC)

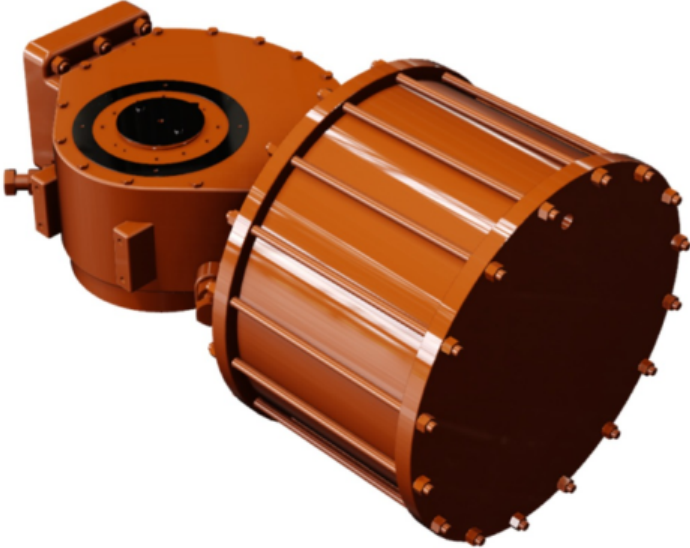
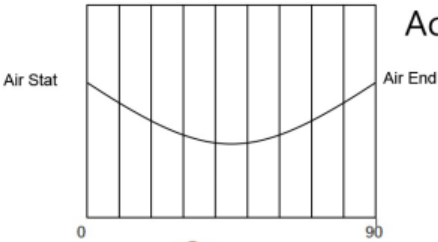
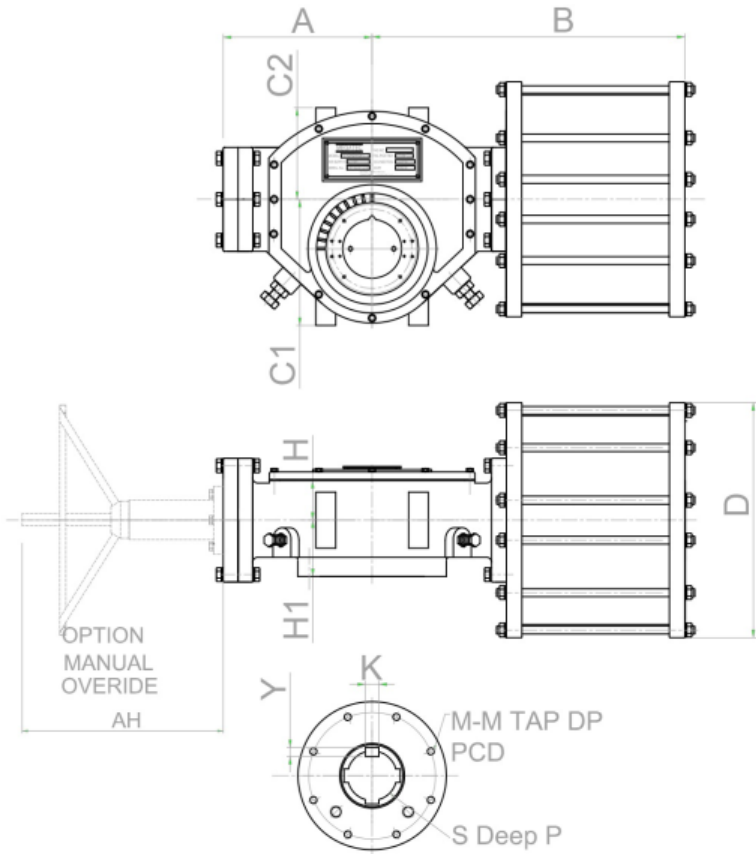


Dimensions											OPTION							unit : mm	
Model	A	B	C1	C2	D	H1	H2	S	P	K*Y	PCD	N	M	AH	TORQUE N.M at 5bar (CLOSE)	TORQUE N.M at 5bar (OPEN)	RMARKS		
RPD-02-200	196	400	93	168	260	77	157	48	80	14 X 9	165	4	M20	535	1330	1330			
RPD-02-250	196	400	93	168	315	77	157	48	80	14 X 9	165	4	M20	535	2080	2080			
RPD-02-280	196	400	93	168	346	77	157	48	80	14 X 9	165	4	M20	535	2610	2610			
RPD-02-300	196	400	93	168	368	77	157	48	80	14 X 9	165	4	M20	535	3000	3000			
RPD-03-300	236	505	124	228	368	91	179	48	80	14 X 9	165/205	4/8	M20/M16	716	4226	4226			
RPD-03-335	236	505	124	228	403	198	150	48	80	14 X 9	165/205	4/8	M20/M16	716	5260	5260			
RPD-03-385	236	505	124	228	416	198	150	48	80	14 X 9	165/205	4/8	M20/M16	716	6960	6960			
RPD-03-435	236	508	124	228	416	198	150	48	80	14 X 9	165/205	4/8	M20/M16	716	8880	8880			
RPD-04-385	298	615	155	280	468	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	9080	9080			
RPD-04-435	298	615	155	280	518	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	11600	11600			
RPD-04-485	298	615	155	280	568	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	14400	14400			
RPD-04-535	298	615	155	280	618	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	17550	17550			
RPD-05-435	384	777	193	350	518	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	14540	14540			
RPD-05-485	384	777	193	350	568	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	18070	18070			
RPD-05-535	384	777	193	350	618	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	21990	21990			
RPD-05-585	384	777	193	350	668	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	76290	76290			
RPD-05-650	384	777	193	350	756	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	22460	22460			
RPD-06-585	491	995	248	448	668	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	30950	30950			
RPD-06-650	491	995	248	448	756	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	38210	38210			
RPD-06-700	491	995	248	448	806	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	44310	44310			
RPD-06-750	491	995	248	448	856	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	50870	50870			
RPD-06-800	491	995	248	448	906	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	57880	57880			
RPD-08-700	614	1244	310	560	856	225	450	200	300	45 X 25	483	12	M36	N/A	60840	60840			
RPD-08-800	614	1244	310	560	906	225	450	200	300	45 X 25	483	12	M36	N/A	79470	79470			
RPD-08-900	614	1244	310	560	1010	225	450	200	300	45 X 25	483	12	M36	N/A	100580	100580			
RPD-08-1000	614	1244	310	560	1110	225	450	200	300	45 X 25	483	12	M36	N/A	124180	124180			
RPD-10-1000	776	1600	403	728	1110	300	600	270	400	63 X 32	603	20	M36	N/A	154450	154450			
RPD-10-1100	776	1600	403	728	1220	300	600	270	400	45 X 25	603	20	M36	N/A	186890	186890			
RPD-13-1100	1015	2050	511	924	1220	370	740	300	500	70 X 36	603	20	M36	N/A	239510	239510			
RPD-13-1200	1015	2050	511	924	1330	370	740	300	500	70 X 36	603	20	M36	N/A	285046	285046			

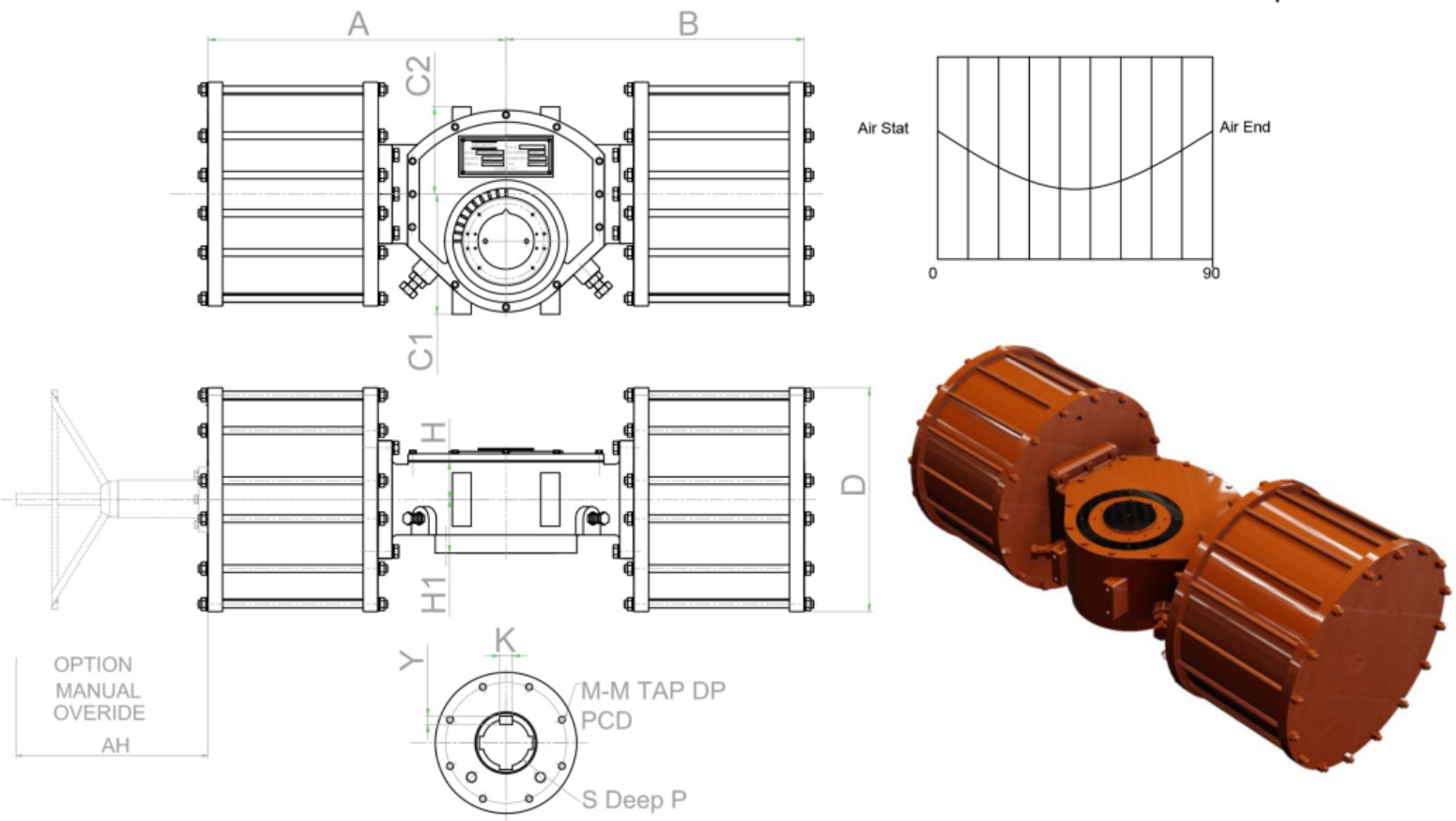
CCD Series (CANTED)



Actuator Specialist

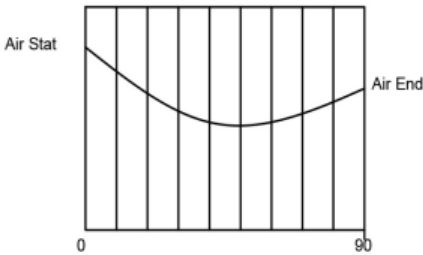
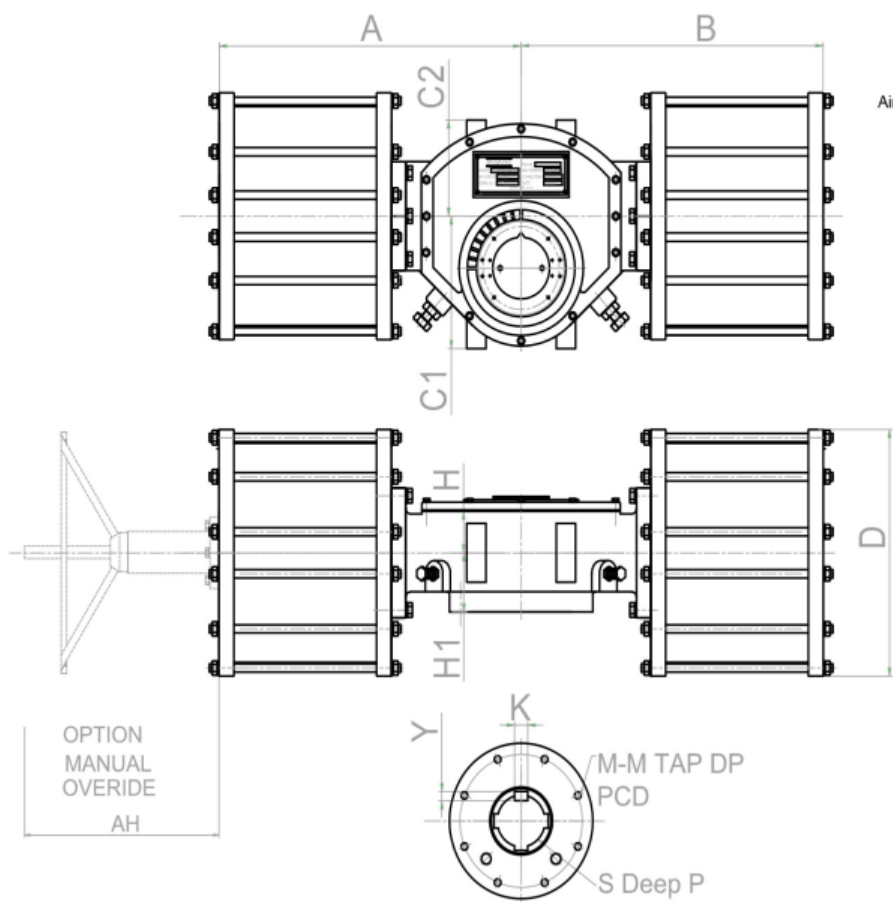


Dimensions															OPTION			unit : mm
Model	A	B	C1	C2	D	H1	H2	S	P	K*Y	PCD	N	M	AH	TORQUE N.M at 5bar (CLOSE)	TORQUE N.M at 5bar (OPEN)	RMARKS	
CCD-02-200	196	400	93	168	260	77	157	48	80	14 X 9	165	4	M20	535	1960	1030		
CCD-02-250	196	400	93	168	315	77	157	48	80	14 X 9	165	4	M20	535	3070	1610		
CCD-02-280	196	400	93	168	346	77	157	48	80	14 X 9	165	4	M20	535	3850	2020		
CCD-02-300	196	400	93	168	368	77	157	48	80	14 X 9	165	4	M20	535	4420	2310		
CCD-03-300	236	505	124	228	368	91	179	48	80	14 X 9	165/205	4/8	M20/M16	716	6150	3310		
CCD-03-335	236	505	124	228	403	198	150	48	80	14 X 9	165/205	4/8	M20/M16	716	7670	4130		
CCD-03-385	236	505	124	228	416	198	150	48	80	14 X 9	165/205	4/8	M20/M16	716	10130	5460		
CCD-03-435	236	508	124	228	416	198	150	48	80	14 X 9	165/205	4/8	M20/M16	716	12930	6970		
CCD-04-385	298	615	155	280	468	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	13180	7170		
CCD-04-435	298	615	155	280	518	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	16820	9160		
CCD-04-485	298	615	155	280	568	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	20910	11380		
CCD-04-535	298	615	155	280	618	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	25450	13850		
CCD-05-435	384	777	193	350	518	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	21090	11470		
CCD-05-485	384	777	193	350	568	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	26224	14260		
CCD-05-535	384	777	193	350	618	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	31910	17350		
CCD-05-585	384	777	193	350	668	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	38150	20740		
CCD-05-650	384	777	193	350	756	141	285	110	160	28 X 16	254/298	8/8	M16/M20	1120	47100	25610		
CCD-06-585	491	995	248	448	668	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	44730	24540		
CCD-06-650	491	995	248	448	756	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	55220	30300		
CCD-06-700	491	995	248	448	806	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	64050	35140		
CCD-06-750	491	995	248	448	856	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	73520	40340		
CCD-06-800	491	995	248	448	906	180	360	130	200	36 X 20	356/406	8/8	M30/M36	1430	83660	45900		
CCD-08-700	614	1244	310	560	856	225	450	200	300	45 X 25	483	12	M36	N/A	88450	47880		
CCD-08-800	614	1244	310	560	906	225	450	200	300	45 X 25	483	12	M36	N/A	115520	62530		
CCD-08-900	614	1244	310	560	1010	225	450	200	300	45 X 25	483	12	M36	N/A	146210	79140		
CCD-08-1000	614	1244	310	560	1110	225	450	200	300	45 X 25	483	12	M36	N/A	180500	97710		
CCD-10-1000	776	1600	403	728	1110	300	600	270	400	63 X 32	603	20	M36	N/A	224300	121690		
CCD-10-1100	776	1600	403	728	1220	300	600	270	400	45 X 25	603	20	M36	N/A	271400	147250		
CCD-13-1100	1015	2050	511	924	1220	370	740	300	500	70 X 36	603	20	M36	N/A	346860	189440		
CCD-13-1200	1015	2050	511	924	1330	370	740	300	500	70 X 36	603	20	M36	N/A	412790	225450		



Dimensions																OPTION		unit : mm	
Model	A	B	C1	C2	D	H1	H2	S	P	K*Y	PCD	N	M	AH	W	TORQUE N.M (CLOSE) at Slow	TORQUE N.M (OPEN) at Slow	RMARKS	
DPD-02-200	440	400	93	168	260	77	157	48	80	14 X 9	165	4	M20	535	380	2660	2660		
DPD-02-250	400	400	93	168	315	77	157	48	80	14 X 9	165	4	M20	535	380	4160	4160		
DPD-03-300	505	505	124	228	368	91	179	48	80	14 X 9	165/205	4/8	M20/M16	766	380	8452	8452		
DPD-03-335	505	505	124	228	403	198	150	48	80	14 X 9	165/205	4/8	M20/M16	766	380	10520	10520		
DPD-04-385	615	615	155	280	468	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	615	18160	18160		
DPD-04-435	615	615	155	280	518	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	615	23200	23200		
DPD-05-435	777	777	193	350	518	141	285	110	160	28 X 16	254/298	8/8	M16/M20	N/A	N/A	29080	29080		
DPD-05-485	777	777	193	350	568	141	285	110	160	28 X 16	254/298	8/8	M16/M20	N/A	N/A	36140	36140		
DPD-06-535	995	995	248	448	668	180	360	130	200	36 X 20	356/406	8/8	M30/M36	N/A	N/A	51774	51774		

DCD Series (CANTED)

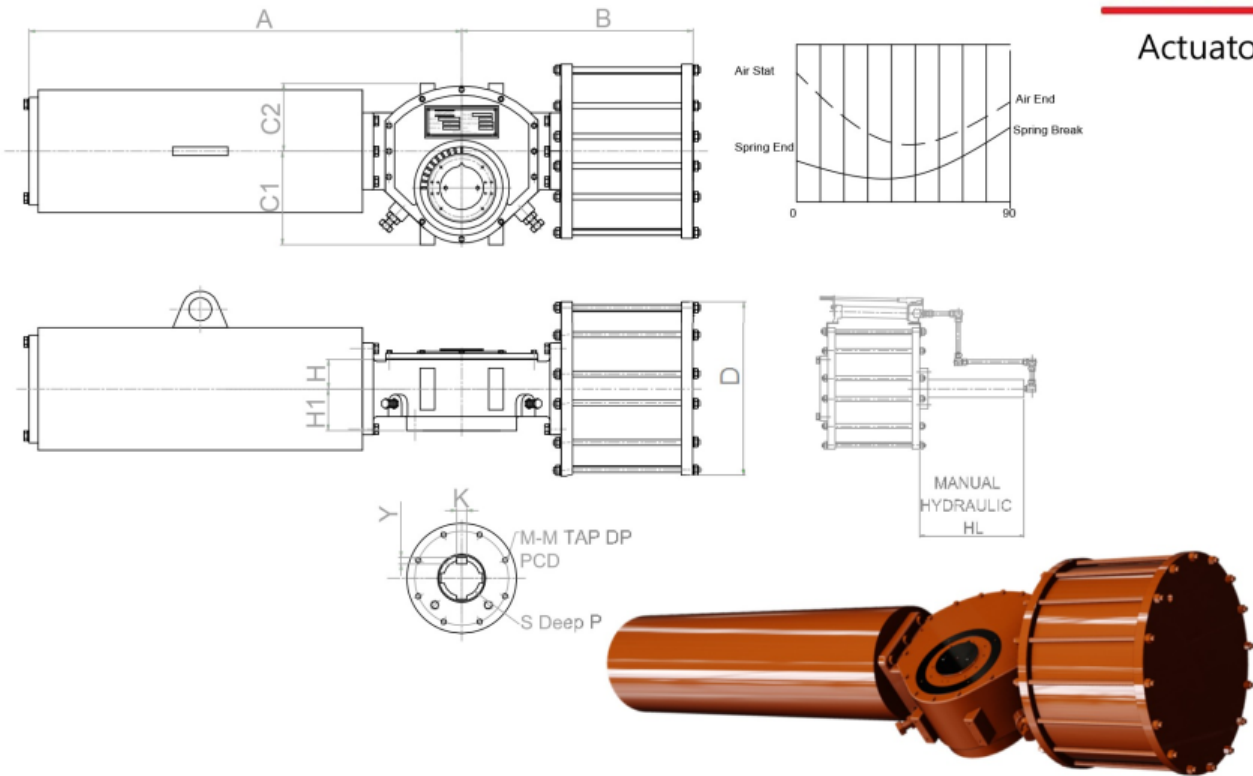


Dimensions															OPTION		unit : mm	
Model	A	B	C1	C2	D	H1	H2	S	P	K*Y	PCD	N	M	AH	W	TORQUE N.M at 5bar (CLOSE)	TORQUE N.M at 5bar (OPEN)	RMARKS
DCD-02-200	196	400	93	168	260	77	157	48	80	14 X 9	165	4	M20	535	380	3360	2620	
DCD-02-250	196	400	93	168	315	77	157	48	80	14 X 9	165	4	M20	535	380	5250	4100	
DCD-03-335	236	505	124	228	403	198	150	48	80	14 X 9	165/205	4/8	M20/M16	766	380	13740	9860	
DCD-03-385	236	505	124	228	416	198	150	48	80	14 X 9	165/205	4/8	M20/M16	766	380	18150	13030	
DCD-04-385	298	615	155	280	468	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	615	23980	16720	
DCD-04-435	298	615	155	280	518	131	263	80	120	22 X 14	205/254	8/8	M16/M16	890	615	30620	21340	
CCD-05-435	384	777	193	350	518	141	285	110	160	28 X 16	254/298	8/8	M16/M20	N/A	N/A	38320	26810	
CCD-05-485	384	777	193	350	568	141	285	110	160	28 X 16	254/298	8/8	M16/M20	N/A	N/A	47640	33320	
DCD-06-535	491	995	248	448	668	180	360	130	200	36 X 20	356/406	8/8	M30/M36	N/A	N/A	68980	46910	

PCS Series (SYMETRIC)



Actuator Specialist

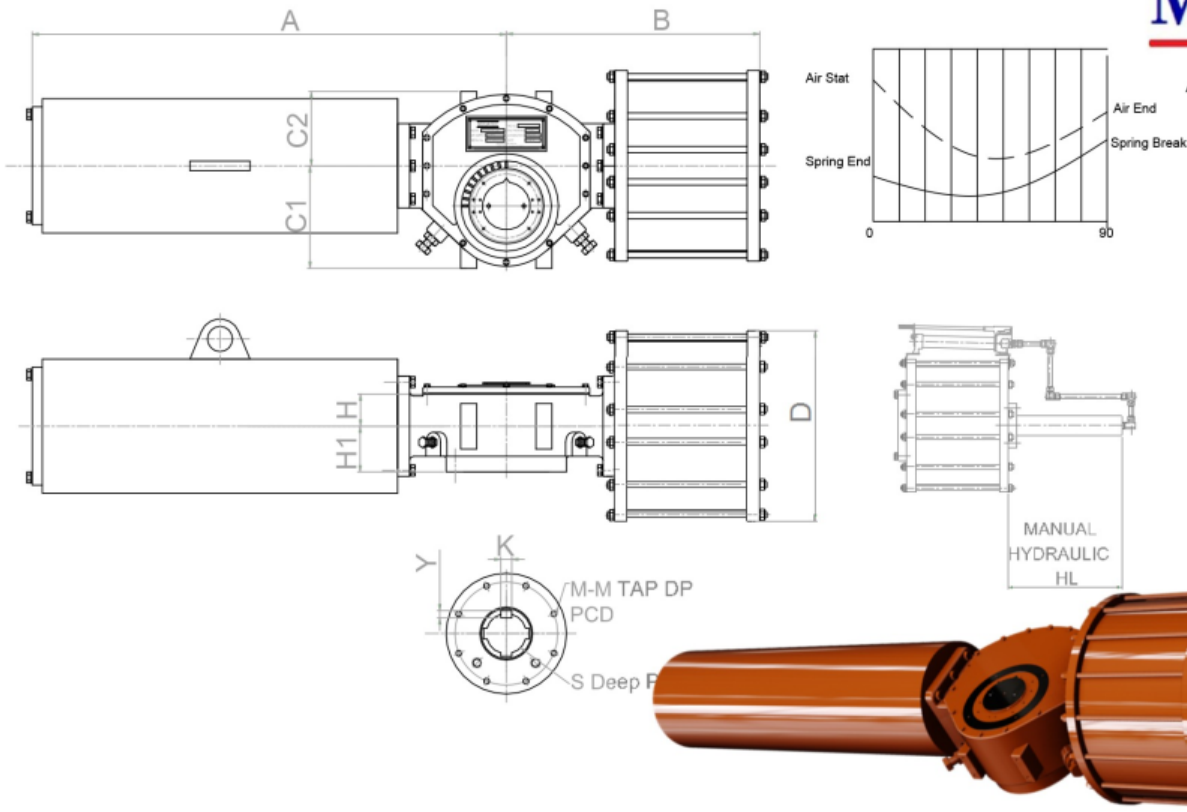


Model	A	B	C1	C2	D	H1	H2	S	P	K*Y	PCD	N	M	HL	TORQUE N.M at 6 bar SPRING END / AIR START	TORQUE N.M at 6 bar AIR END / SPRING BREAK	RMARKS
PCS-02-200	750	400	93	168	260	77	157	48	80	14 X 9	165	4	M20	226	480/1121	854/747	
PCS-02-250	750	400	93	168	315	77	157	48	80	14 X 9	165	4	M20	226	750/1751	334/1167	
PCS-02-280	800	400	93	168	346	77	157	48	80	14 X 9	165	4	M20	226	941/2197	1674/1464	
PCS-02-300	836	400	93	168	368	77	157	48	80	14 X 9	165	4	M20	226	1081/2522	1921/1681	
PCS-03-300	920	505	124	228	368	91	179	48	80	14 X 9	165/205	4/8	M20/M16	324	1521/3550	2704/2366	
PCS-03-335	945	505	124	228	403	91	179	48	80	14 X 9	165/205	4/8	M20/M16	324	1897/4426	3372/2951	
PCS-03-385	960	505	124	228	416	91	179	48	80	14 X 9	165/205	4/8	M20/M16	324	2505/5846	4454/3897	
PCS-03-435	1050	508	124	228	416	91	179	48	80	14 X 9	165/205	4/8	M20/M16	324	3198/7463	5686/4975	
PCS-04-385	1066	615	155	280	468	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	3272/7635	5817/5090	
PCS-04-435	1270	615	155	280	518	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	4177/9747	7426/6498	
PCS-04-485	1350	615	155	280	568	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	5193/12116	9232/8078	
PCS-04-535	1450	615	155	280	618	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	6319/14743	11233/9829	
PCS-05-435	1469	777	193	350	518	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	5235/12214	9306/8143	
PCS-05-485	1609	777	193	350	568	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	6507/15184	11568/10122	
PCS-05-535	1689	777	193	350	618	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	7918/18476	14077/12317	
PCS-05-585	1805	777	193	350	668	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	9467/22090	16831/14727	
PCS-05-650	1950	777	193	350	756	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	11688/27272	20779/18181	
PCS-06-585	2100	995	248	448	668	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	11143/26000	19809/17333	
PCS-06-650	2200	995	248	448	756	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	13756/32098	24456/21399	
PCS-06-700	2280	995	248	448	806	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	15954/37227	28363/24818	
PCS-06-750	2340	995	248	448	856	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	18315/42735	32560/28490	
PCS-06-800	2500	995	248	448	906	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	20838/48622	37046/32415	
PCS-08-700	2800	1244	310	560	856	225	450	200	300	45 X 25	483	12	M36	743	21906/51113	38943/34075	
PCS-08-800	2800	1244	310	560	906	225	450	200	300	45 X 25	483	12	M36	743	28611/66760	50865/44507	
PCS-08-900	2900	1244	310	560	1010	225	450	200	300	45 X 25	483	12	M36	743	36211/84493	64376/56329	
PCS-08-1000	3000	1244	310	560	1110	225	450	200	300	45 X 25	483	12	M36	743	44705/104312	79476/69542	
PCS-10-1000	3500	1600	403	728	1110	300	600	270	400	63 X 32	603	20	M36	967	55605/129744	98853/86496	
PCS-10-1100	3600	1600	403	728	1220	300	600	270	400	45 X 25	603	20	M36	967	67282/156991	119612/104660	
PCS-13-1100	4400	2050	511	924	1220	370	740	300	500	70 X 36	603	20	M36	1227	86226/201195	153291/134130	
PCS-13-1200	4600	2050	511	924	1330	370	740	300	500	70 X 36	603	20	M36	1227	102616/239438	182429/159626	

CCS Series (CANTED)

MEGATEC

Actuator Specialist

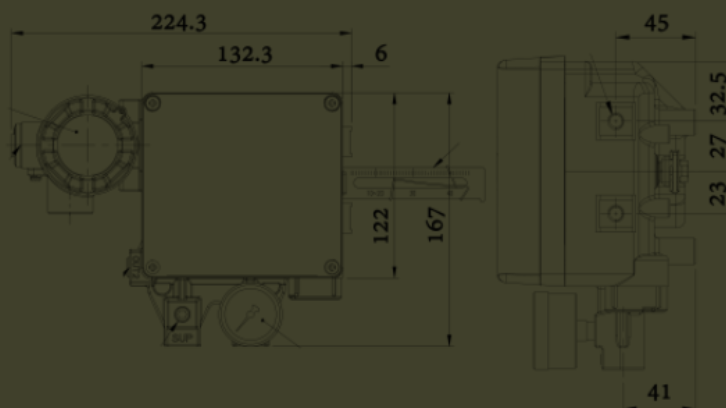


Model	A	B	C1	C2	D	H1	H2	S	P	K*Y	PCD	N	M	HL	TORQUE : N.M at 5 bar SPRING END / AIR START	TORQUE : N.M at 5 bar AIR END / SPRING BREAK	REMARK
CCS-02-200	750	400	93	168	260	77	157	48	80	14 X 9	165	4	M20	226	717/1651	659/577	
CCS-02-250	750	400	93	168	315	77	157	48	80	14 X 9	165	4	M20	226	1105/2579	1030/902	
CCS-02-280	800	400	93	168	346	77	157	48	80	14 X 9	165	4	M20	226	1386/3235	1293/1131	
CCS-02-300	836	400	93	168	368	77	157	48	80	14 X 9	165	4	M20	226	1592/3714	1484/1290	
CCS-03-300	920	505	124	228	368	91	179	48	80	14 X 9	165/205	4/8	M20/M16	324	2215/5168	2123/1858	
CCS-03-335	945	505	124	228	403	198	150	48	80	14 X 9	165/205	4/8	M20/M16	324	2762/6444	2648/2317	
CCS-03-385	960	505	124	228	416	198	150	48	80	14 X 9	165/205	4/8	M20/M16	324	3648/8511	3497/3060	
CCS-03-435	1050	508	124	228	416	198	150	48	80	14 X 9	165/205	4/8	M20/M16	324	4657/10865	4464/3906	
CCS-04-385	1066	615	155	280	468	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	4745/11072	4593/4019	
CCS-04-435	1270	615	155	280	518	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	6057/14134	5863/5130	
CCS-04-485	1350	615	155	280	568	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	7530/17570	7288/6377	
CCS-04-535	1450	615	155	280	618	131	263	80	120	22 X 14	205/254	8/8	M16/M16	364	9163/21379	8868/7760	
CCS-05-435	1469	777	193	350	518	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	7595/17721	7342/6424	
CCS-05-485	1609	777	193	350	568	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	9441/22028	9127/7986	
CCS-05-535	1689	777	193	350	618	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	11488/26804	11106/9718	
CCS-05-585	1805	777	193	350	668	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	13735/32049	13279/11619	
CCS-05-650	1950	777	193	350	756	141	285	110	160	28 X 16	254/298	8/8	M16/M20	464	16957/39566	16394/14344	
CCS-06-585	2100	995	248	448	668	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	16105/37577	15711/13747	
CCS-06-650	2200	995	248	448	756	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	19882/46392	19396/16972	
CCS-06-700	2280	995	248	448	806	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	23059/53804	22495/19683	
CCS-06-750	2340	995	248	448	856	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	26470/61764	25823/22595	
CCS-06-800	2500	995	248	448	906	180	360	130	200	36 X 20	356/406	8/8	M30/M36	594	30118/70274	29381/25708	
CCS-08-700	2800	1244	310	560	856	225	450	200	300	45 X 25	483	12	M36	743	31842/74298	30643/26813	
CCS-08-800	2800	1244	310	560	906	225	450	200	300	45 X 25	483	12	M36	743	41589/97042	40024/35021	
CCS-08-900	2900	1244	310	560	1010	225	450	200	300	45 X 25	483	12	M36	743	52637/122819	50655/44323	
CCS-08-1000	3000	1244	310	560	1110	225	450	200	300	45 X 25	483	12	M36	743	64983/151628	62537/54720	
CCS-10-1000	3500	1600	403	728	1110	300	600	270	400	63 X 32	603	20	M36	967	80750/188416	77887/68151	
CCS-10-1100	3600	1600	403	728	1220	300	600	270	400	45 X 25	603	20	M36	967	97707/227983	94243/82463	
CCS-13-1100	4400	2050	511	924	1220	370	740	300	500	70 X 36	603	20	M36	1227	124871/291367	121244/106088	
CCS-13-1200	4600	2050	511	924	1330	370	740	300	500	70 X 36	603	20	M36	1227	148607/346750	144290/126254	

MEGATEC ELECTRO-PNEUMATIC POSITIONER

- ML-100 / MR-100

Simple zero and span adjustment.
 Fast response time, durability and excellent stability
 Reverse & Direct acting setting.
 IP66 / Strong anti vibration performance
 Auto / Manual switch



MODEL	ML-100	MR-100
TYPE	LINEAR	ROTARY
INPUT SIGNAL	4~20mA DC	4~20mA DC
IMPEDANCE	250 ± 15 Ω	250 ± 15 Ω
SUPPLY PRESSURE	0.14 ~ 0.7 MPa	0.14 ~ 0.7 MPa
STROKE	10 ~ 150mm	0 ~ 90°
AIR CONNECTION	PT 1/4	PT 1/4
GAUGE CONNECTION	PT 1/8	PT 1/8
CONDUIT	PF 1/2	PF 1/2
INGRESS PROTECTION	IP 66	IP 66
OPERATION TEMP.	-20°C ~ 70°C	-20°C ~ 70°C
MATERIAL	ALUMINIUM	ALUMINIUM

MEGATEC AIR FILTER REGULATOR

- AW-4000

The MEGATEC AW-4000 AIR FILTER & REGULATOR has a good ability to maintain constant pressure in the air and remove foreign substances from the air.

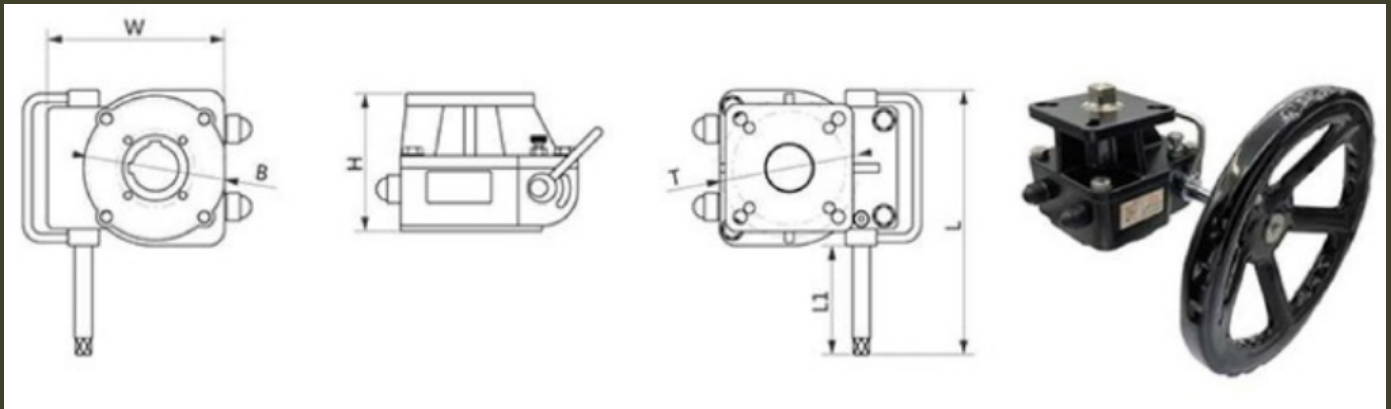


AW-4000

KST-4000

MODEL	AW-4000	KST-4000
MATERIAL	ALUMINUM	ALUMINUM, PLASTIC
WORKING MEDIUM	AIR	AIR
MAX. PRESSURE	1.7MPa	0.95MPa
ADJUSTABLE PRESSURE RANGE	0.15-0.85MPa	0.15-0.85MPa
OPERATING TEMP	-20°C ~ 70°C	-20°C ~ 70°C
JOINT PIPE SIZE	1/4 PT	1/4 PT
GAUGE CONNECTOR THREAD DIAMETER	1/4 PT	1/8 PT
GAUGE RANGE	0 - 1 MPa	0 - 1 MPa
WEIGHT	650g	320g

The KDG series declutch override gear box were specially designed used for butterfly valve, ball valve and plug valve together with pneumatic actuators. This device allows for operation during installation, system testing and in the event of supply air-failure. The KDG series mount directly to many of the most popular rack and pinion style actuators on the market, and does not require a bracket between the pneumatic actuator and declutch override. The units come complete with a coupler that connect the pneumatic actuator to the valve. Available in five model sizes to meet valve / actuator torque requirements up to 2,500 Nm.



DIMENSION							
Model	KDG-018(DG-01)	KDG-030(DG-02)	KDG-060(DG-03)	KDG-120(DG-04)	KDG-210(DG-05)	KDG-300(DG-06)	KDG-380(DG-07)
L	180	220	257	330	370	400	420
W	115	135	160	200	244	282	313
H	105	110	130	165	185	200	200
Hand wheel	Φ180	Φ200	Φ280	Φ320	Φ400	Φ500	Φ600
B	F05/F07	F07/F10	F07/F10/F12	F10/F14 OPTION : F12	F10/F16 OPTION : F14	F16	F16
T	F05/F07	F07/F10	F07/F10/F12	F10/F12/F14	F10/F16	F16	F16
L1	71	92.3	113	147.8	148	158	171
SHAFT	14*14	17*17	22*22	27*27	36*36	46*46	46*46
ACTUATOR(DA)	BT040D-075D	BT083D-105D	BT125D-140D	BT160D-190D	BT210D-240D	BT270D	BT300D
ACTUATOR(SR)	BT040S-075S	BT083S-092S	BT105S-125S	BT140S-160S	BT190S-210S	BT240S	BT270S
OUTPUT	180Nm.	320Nm.	680Nm.	1200Nm.	2100Nm.	3000Nm.	3800Nm.
WEIGHT	3Kg	4.5Kg	7Kg	13.7Kg	22Kg	30Kg	38Kg



MEGATEC

Pneumatic and Hydraulic Actuator

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