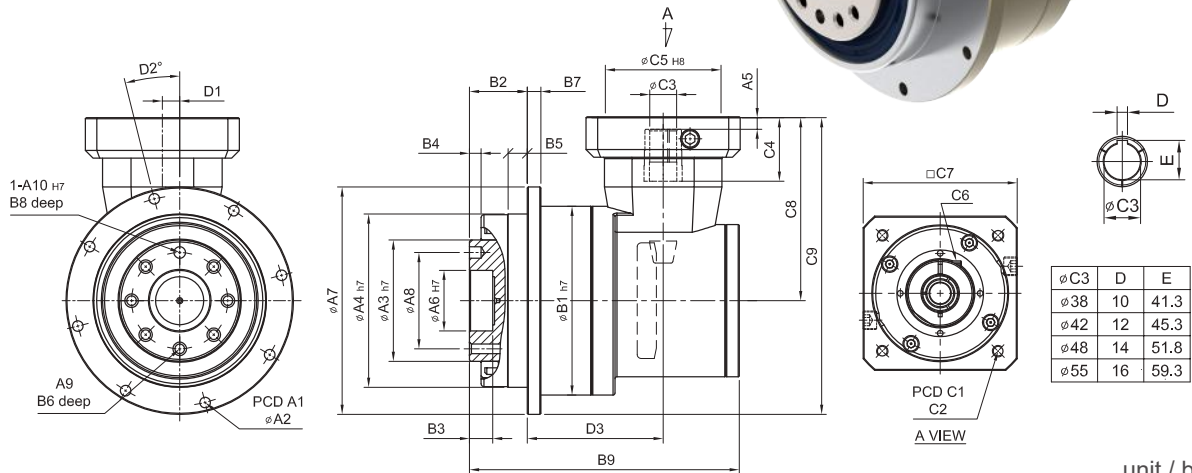
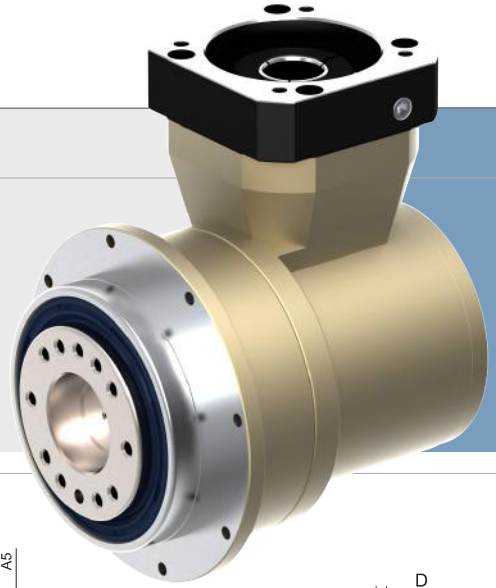


SERVOBOX

MODEL : SDH

2-Stage / Kademe

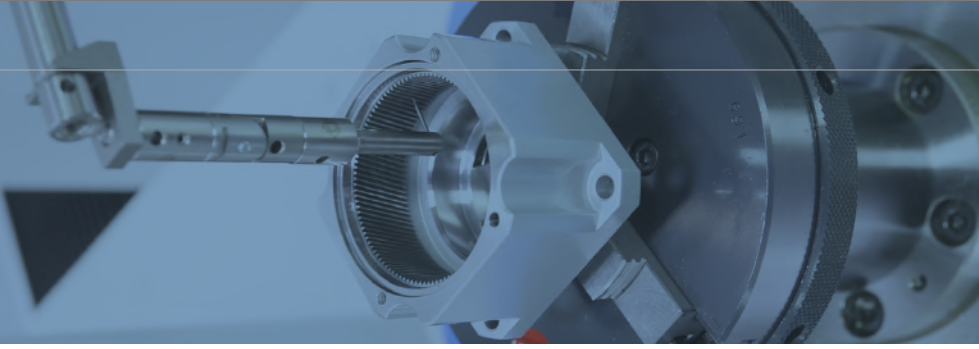
RATIO / ÇEVİRİM : 15, 25, 35, 50, 70, 100, 150



ØC3	D	E
Ø38	10	41.3
Ø42	12	45.3
Ø48	14	51.8
Ø55	16	59.3

unit / birim: mm

Model Code	64	90	110	140	200	255
A						
A1	79	109	135	168	233	280
A2	8-4.5	8-5.5	8-5.5	12-6.6	12-9.0	16-13.5
A3	40	63	80	100	160	180
A4	64	90	110	140	200	255
A5	5	6	9	10	10	13
A6	20	31.5	40	50	80	100
A7	86	118	146	179	248	300
A8	31.5	50	63	80	125	140
A9	7 - M5 x P0.8	7 - M6 x P1.0	11 - M6 x P1.0	11 - M8 x P1.25	11 - M10 x P1.5	12 - M16 x P2.0
A10	5	6	6	8	10	12
B						
B1	70	98	125	156	212	255
B2	19.5	30	29	38	50	66
B3	7	12	12	12	16	20
B4	4	6	6	6	8	12
B5	6	10	10	15	15	20
B6	10	12	12	16	22	30.5
B7	5	7	8	10	12	18
B8	6	6	7	7	10	10
B9	96	140	168	202	273	303.5
C						
C1	46 · 60 · 63	70 · 75 · 90	90 · 110 · 115 · 145	115 · 145 · 165	145 · 165 · 200	200 · 215 · 265
C2	M3 · M4 · M5	M4 · M5 · M6	M5 · M6 · M8	M6 · M8 · M10	M8 · M10 · M12	M10 · M12 · M16
C3	8 · 9 · 11	14	19 · 22 · 24	24 · 28 · 32	28 · 32 · 38	38 · 42 · 48 · 55
C4	26	33	59	67	85	116
C5	30 · 40 · 50	50 · 60 · 70	70 · 80 · 95 · 110	95 · 110 · 130	110 · 130 · 180	114.3 · 180 · 230
C6	M4 x P0.7	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5
C7	46 · 55	64 · 70 · 80	92 · 110 · 130	122 · 130 · 150	146 · 150 · 190	182 · 200 · 250
C8	69	95.5	126.5	149	203	259.5
C9	112	154.5	199.5	238.5	327	409.5
C10	1/8"PT	1/8"PT	1/8"PT	1/4"PT	1/4"PT	3/8"PT
D						
D1	9	9	14	18	27	32
D2	19	14	14	0	0	18
D3	76.5	110	139	164	223	238.5

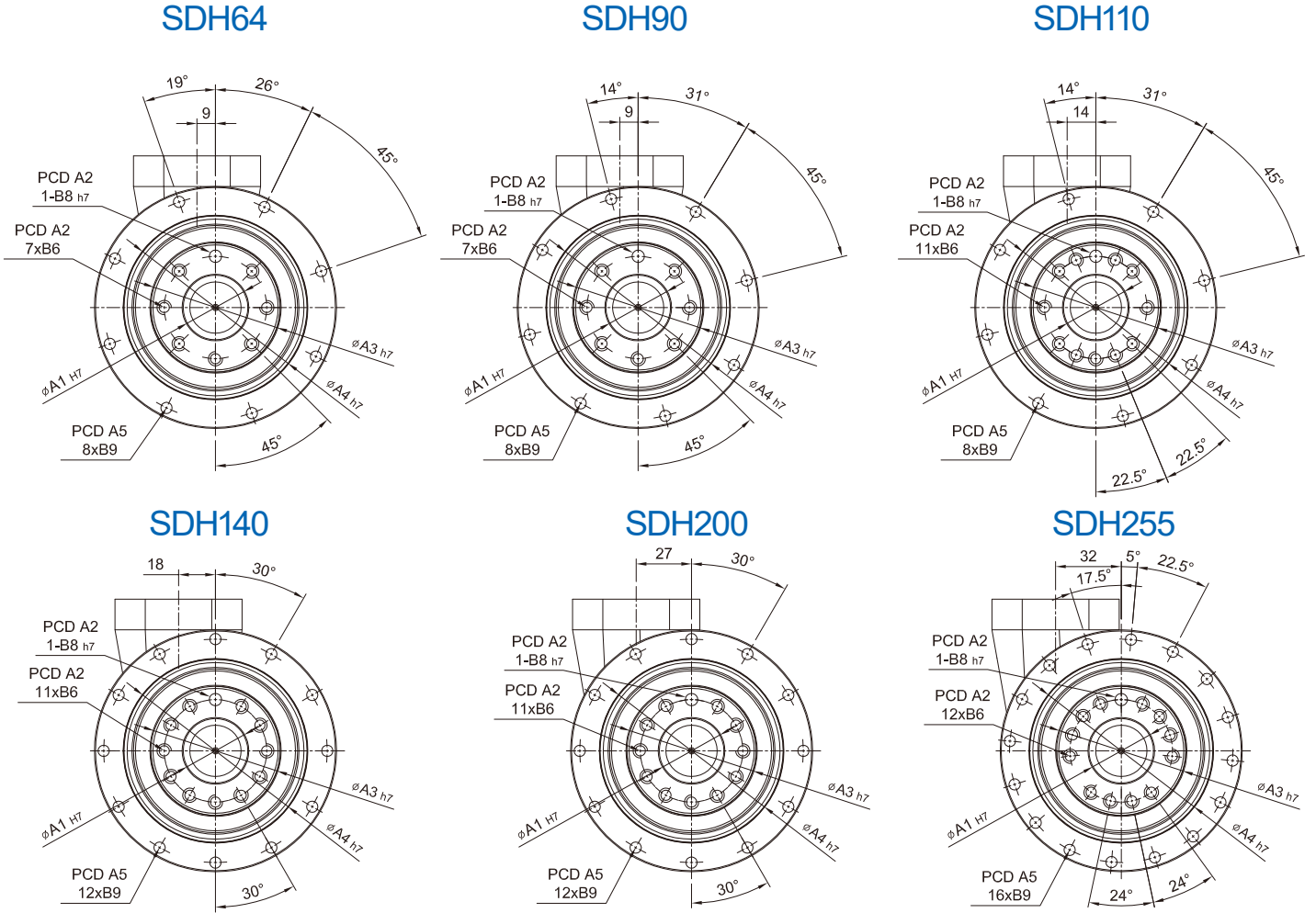


Model No.		Unit/Birim	Ratio Çevrim	64	90	110	140	200	255
Nominal output torque / Nominal Çıkış Torku	T_{2N}	Nm	15	60	160	335	650	1,200	2,020
			25	50	155	333	618	1,189	2,010
			35	47	142	309	573	1,108	1,870
			50	50	155	333	618	1,189	2,010
			70	47	142	309	573	1,108	1,870
			100	43	136	294	549	1,059	1,779
			150	43	136	294	549	1,059	1,779
Max. Acceleration Torque / Max.İvmelenme Torku	T_{2B}	Nm	15 ~ 150	1.8 Times of Rated Output Torque / 1,8 x Nominal Çıkış Tork					
Max. Output Torque / Max.Çıkış Torku	T_{2NOT}	Nm	15 ~ 150	3 Times of Rated Output Torque / 3 x Nominal Çıkış Torku					
Rated Input Speed / Nominal Giriş Devri	n_{IN}	rpm	15 ~ 150	3,000	3,000	3,000	3,000	2,000	2,000
Max. Input Speed / Max.Giriş Devri	n_{IB}	rpm	15 ~ 150	6,000	6,000	5,000	5,000	4,000	4,000
Backlash Ps / Min.Boşluk Oranı		arcmin	15 ~ 150	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2
Backlash P0 / Düşük Boşluk Oranı		arcmin	15 ~ 150	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4
Backlash P1 / Azaltılmış Boşluk Oranı		arcmin	15 ~ 150	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6
Backlash P2 / Standart Boşluk Oranı		arcmin	15 ~ 150	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
Torsional Rigidity / Burulma Direnci		Nm/arcmin	15 ~ 150	14	30	86	155	450	1,126
Max. Axial Force Ball Bearing / Max. Aksiyel Yük bilyalı Rulman	F_{2rB}	N	15 ~ 150	1,260	4,230	6,360	7,035	17,600	19,800
Max. Axial Force Taper Bearing / Max. Aksiyel Yük Masuralı Rulman	F_{2aB}	N	15 ~ 150	-	7,330	11,500	18,600	36,800	53,600
Service Life / Hizmet Ömrü	L_H	hr	15 ~ 150	S5 Döngüsel Çalışma: >30,000 (S1 Sürekli Çalışma: >15,000 saat) S5 Cycle Operation: >30,000 (S1 Continuous Operation: >15,000 hrs)					
Efficiency / Verim	η	%	15 ~ 150	≥ 95					
Operating Temperature / Çalışma Sıcaklığı		°C	15 ~ 150	- 25° C ~ + 90° C					
Lubrication / Yağlama			15 ~ 150	Synthetic Grease / Sentetik Gres					
Protection Class / Koruma Sınıfı			15 ~ 150	IP65					
Mounting Position / Montaj Pozisyonu			15 ~ 150	Any / Her Yönde					
Noise Level / Ses Seviyesi		dB	15 ~ 150	≤ 68	≤ 70	≤ 72	≤ 74	≤ 76	≤ 78
Weight / Ağırlık ±3%		Kg	15 ~ 150	1.7	4.7	9.2	17.4		

■ Mass Moments of Inertia / Atalet Ağırlık Momenti (kg.cm²)

Ratio / Çevrim	64	90	110	140	200	255
15	0.03	0.15	0.45	2.7	7.22	23.22
25	0.22	1.37	4.11	14.1	40.8	80.8
35	0.22	1.37	4.11	14.1	40.8	80.8
50	0.18	1.14	3.43	11.7	34.0	67.4
70	0.03	0.14	0.4	2.6	7.05	23.07
100	0.03	0.14	0.4	2.6	7.01	22.67
150	0.03	0.14	0.4	2.6	7.01	22.67

Output Frame Dimension of SDH Series / SDH Serileri Çıkış Flanş Ölçüleri



unit / birim: mm

Model	64	90	110	140	200	255
A						
A1	20	31.5	40	50	80	100
A2	31.5	50	63	80	80	140
A3	40	63	80	100	160	180
A4	64	90	110	140	200	255
A5	79	109	135	168	233	280
B						
B6	M5 x P0.8	M6 x P1	M6 x P1	M8 x P1.25	M10 x P1.5	M16 x P2
B8	5	6	6	8	10	12
B9	4.5	5.5	5.5	6.6	9	13.5