

WINMAN Poliüretan Hortumlar/ WINMAN Polyurethane Hoses



Teknik özellikleri/Technical Characteristics

- Flexible polyurethane material, which is reached the ROHS environmental protection requirements;
- High elasticity, the PU tube can through a tight space when the tube with a small bending;
- The knot: knot effects are better than other plastic pipes;
- Excellent plastic back: withstand repeated expansion;
- Breakage-proof: long life span, which is applicable to the easy wear and tear environment;
- Low permeability of gas: decrease the permeability and pollution;
- Good resistance to dissolve: no solvent will be leaked out, the environment pollution won't be happened;
- Low compressibility: maintaining good physical properties;
- A wide range of resistance: chemicals, water, fuel, oil and bacteria with a certain resistance

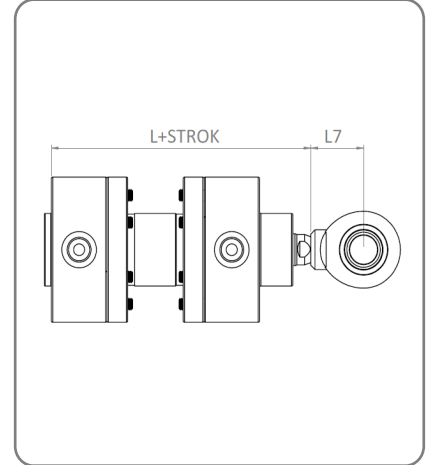
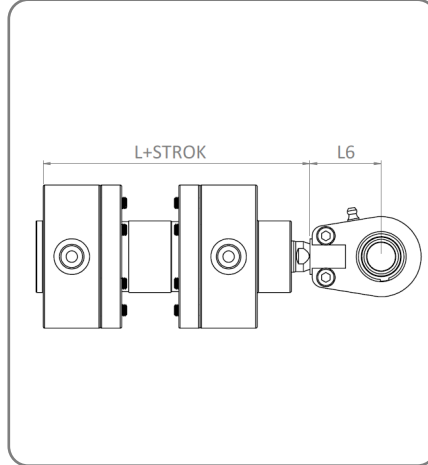
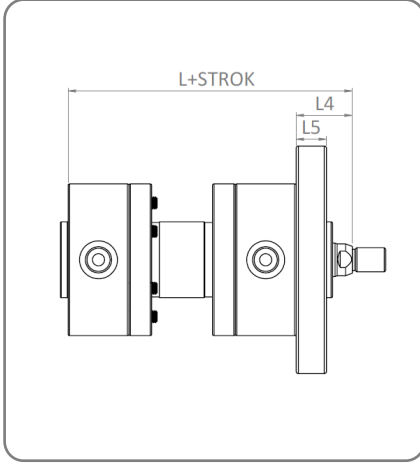
Teknik özellikleri/Technical Characteristics

	(mm)	(mm)	(230C.bar)	(230C,bar)	(mm)	(m)
Code	O. D	I. D	Operating Pressure	Burst Pressure	Bend Radius	Length
3x2	Φ3	Φ2	7.5	30	6	200
4x2	Φ4	Φ2	8	44	16	200
4x2.5	Φ4	Φ2.5	8	35	18	200
5x3	Φ5	Φ3	8	35	20	200
6x4	Φ6	Φ4	7.5	30	21	200
8x5	Φ8	Φ5	8	35	27	100
8x5.5	Φ8	Φ5.5	6	24	33	100
8x6	Φ8	Φ6	4	16	39	100
10x6.5	Φ10	Φ6.5	8	32	34	100
10x7.5	Φ10	Φ7.5	4	16	36	100
12x8	Φ12	Φ8	7.5	30	44	100
12x9.5	Φ12	Φ9.5	4	16	51	100
14x10	Φ14	Φ10	6	24	65	50
16x11	Φ16	Φ11	8	35	112	50
16x12	Φ16	Φ12	7.5	30	105	50

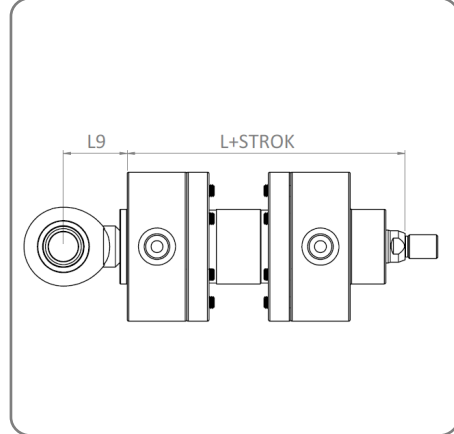
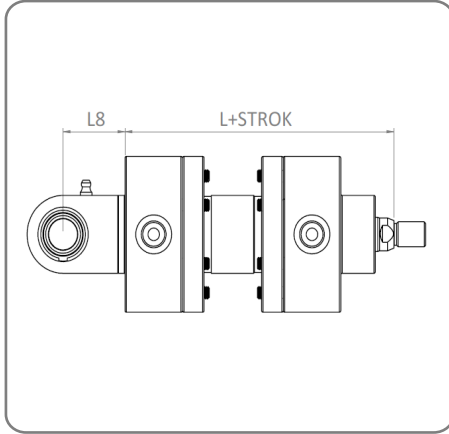
WINMAN W2 Tipi-Hidrolik Silindir/WINMAN W5 Type Hydraulic Cylinder

Bağlantı Model Teknik Çizimleri/ Linked Model Technical Drawings

Ön Bağlantı/ Front Connection



Arka Bağlantı/Rear Connection

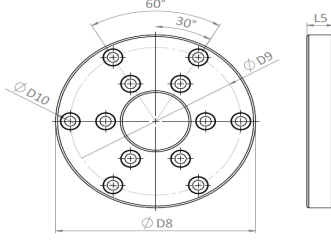


PİSTON ÇAPI PISTON DIAMETER	L	L4	L5	L6	L7	L8	L9
40	187	37	20	50	38	43	43
50	208	38	20	50	45	50	50
63	215	45	20	60	51	56	56
80	236	54	20	85	69	77	77
100	259	57	30	105	88	96	96

WINMAN W2 Tipi-Hidrolik Silindir/WINMAN W5 Type Hydraulic Cylinder

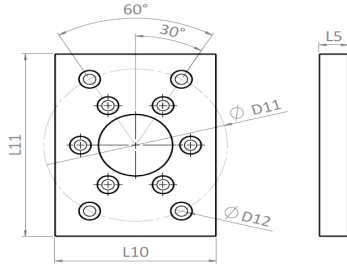
Bağlantı Model Teknik Çizimleri/ Linked Model Technical Drawings

YUVARLAK
FLANŞ
/
ROUND
FLANGE



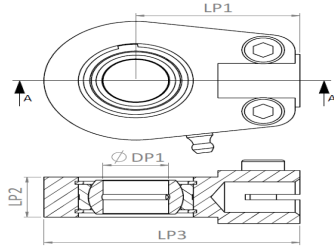
PİSTON ÇAPI PİSTON DİA.	Ø D8	Ø D9	Ø D10	L5
40	150	128	8,4	20
50	160	134	8,4	20
63	175	149	8,4	20
80	185	159	8,4	20
100	215	188	10,5	30

DİKDÖRTGEN
FLANŞ
/
RECTANGLE
FLANGE



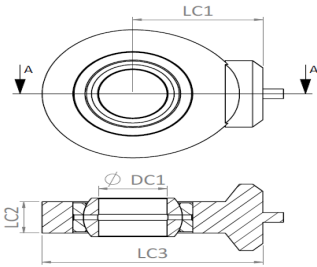
PİSTON ÇAPI PİSTON DİA.	Ø D11	Ø D12	L10	L11	L5
40	125	8,4	110	150	20
50	135	8,4	120	160	20
63	150	8,4	135	175	20
80	160	8,4	145	190	20
100	185	10,5	170	220	30

P TİPİ
OYNAR MAFSAL
/
P TYPE
BALL JOINT



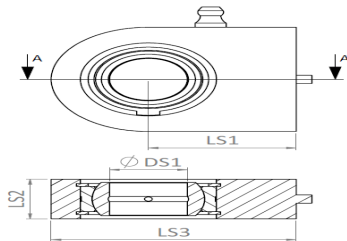
PİSTON ÇAPI PİSTON DİA.	Ø DP1	LP1	LP2	LP3
40	20	50	20	78
50	25	50	23	78
63	30	60	28	92
80	40	85	35	132
100	50	105	40	163

C TİPİ
OYNAR MAFSAL
/
C TYPE
BALL JOINT



PİSTON ÇAPI PİSTON DİA.	Ø DC1	LC1	LC2	LC3
40	20	38	13	64,5
50	25	45	17	77
63	30	51	19	87,5
80	40	69	23	115
100	50	88	30	144

S TİPİ
OYNAR MAFSAL
/
S TYPE
BALL JOINT



PİSTON ÇAPI PİSTON DİA.	Ø DS1	LS1	LS2	LS3
40	20	38	19	63
50	25	45	23	72,5
63	30	51	28	83,5
80	40	69	35	119
100	50	88	40	149,5