



Gerekli Olan İtme Kuvvetleri	Açma Kapama	15000 N
	Yay	75000 N
		1000 N

Poz 12 Gaz Nitasyon / Poz 12 Gas Nitriding
 Efektif Sertlik Derinliği / Effective Hardening Depth : 0,2-0,3 mm
 Sertlik / Hardness : 450 HV [1]

İndüksiyonla Sertleştirme / Induction hardening
 Yüzey Sertliği / Surface hardness: 60 HRC
 Sertlik Derinliği / Hardness depth : 1,5 -2 mm
Sert Krom Kaplama / Hard Chrome Plating
 Katman Kalınlığı / Layer Thickness : 50 ±5 µm
 Kaplama Sertliği / Coating Hardness : 850-1000 HV [0,1]
Isıl işlem : Islah
 Sertlik :28-32 HRC
Heat Treatment :QuenchingandTempering
 Hardness :28-32 HRC

Poz 1 Sert Krom Kaplama / Poz 1Hard Chrome Plating
 Katman Kalınlığı / Layer Thickness : 15 ±5 µm
 Kaplama Sertliği / Coating Hardness : 850-1000 HV [0,1]

24	Piston Omegat	1	100x84,5x6,3	PTFE BRONZ FKM	PG4401000-T46V TRELLEBORG	40	Tapa	1	G 1/2"	DIN 3852-11 E
23	O-ring	2	90x5	FKM		39	Tapa	2	G 1/4"	DIN 3852-11 E
22	Bant Yatak	4	45x50x15	POLYESTER RESIN	GR7300450-C380 TRELLEBORG	38	Segman	1	65 x 2,5	DIN 471
21	Bogaz Omegat	4	45x60,1x6,3	PTFE BRONZ FKM	RSK300450-T46V TRELLEBORG	37	Segman	1	40 x 1,75	DIN 471
20	Tozkece	2	45x53,8x6,3	PTFE BRONZ FKM	WE5100450-T46V TRELLEBORG	36	Setskur	1	M6 x 8	DIN 913
19	Çanak Yay	45	100x51x8,2/6	51Cr4	519150 A SCHNORR	35	Civata	4	M8 x 16	8,8 DIN 912
18	Koruma Borusu	4	18	S235J0		34	Civata	6	M6 x 12	8,8 DIN 912
17	Mika Cam Göstergesi	1	17	Mika		33	Civata	8	M8 x 45	12,9 DIN 912
16	Kilit Somunu	1	16	C 45 E	EN 10083-2	32	Civata	10	M10 x 45	12,9 DIN 912
15	Sensor Turucu Pleyt	1	15	S235J0	EN 10025-2	31	Civata	10	M10 x 50	12,9 DIN 912
14	Valf Takoz Tapası	2	14	S235J0	EN 10025-2	30	Civata	10	M10 x 55	12,9 DIN 912
13	Canak Yay Dayama Pulu2	1	13	42CrMo4	EN 10083-3	29	Civata	4	M16 x 90	10,9 DIN 933
12	Canak Yay Dayama Pulu	2	12	42CrMo4	EN 10083-3	28	O-ring	2	24x2	FKM
11	On Flans	1	11	C 45 E	EN 10083-2	27	O-ring	1	39x3	FKM
10	Rod	1	10	42CrMo4+QT	EN 10083-2	26	O-ring	1	39x3	FKM
9	Piston Segman	1	09	S355J0	EN 10025-2	25	Bant Yatak	1	100x95x15	POLYESTER RESIN GP7301000-C380 TRELLEBORG
8	Piston Segman	1	08	S355J0	EN 10025-2					
7	Piston	1	07	C 45 E	EN 10083-2					
6	Kovan	1	06	42CrMo4	EN 10083-3					
5	On Kapak	2	05	C 45 E	EN 10083-2					
4	Yay Kovan Ara Flans	1	04	C 45 E	EN 10083-2					
3	Yay Kovan Arka Kapak	1	03	C 45 E	EN 10083-2					
2	Yay Kovan Flans	1	02	S355J0	EN 10025-2					
1	Yay kovan	1	01	S355J0	EN 10025-2					

ANA ÖLÇÜLER / MAIN DIMENSIONS	
KOVAN ÇAPI / TUBE DIAMETER	Ø100
ROD ÇAPI / ROD DIAMETER	Ø45
STROK / STROKE	30
TEKNİK VERİLER / TECHNICAL DATA	
CALISMA BASINCI / OPERATING PRESSURE	250 Bar / 250 Bar
TEST BASINCI / TEST PRESSURE	270 Bar / 270 Bar
MAX. HIZ / MAX. WORKING SPEED	2 m/s
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-30°C to +80°C
CALISMA AKISKANI / PRESSURE MEDIUM	Mineral Yağı / Mineral Oil
MARKALAMA / MARKING INSTRUCTION	ATL
BOYAMA / PAINTING PROCEDURE	
BOYA RENGİ / COLOR OF PAINT	
BOYA KALINLIĞI / THICKNESS OF PAINT	40µm+80µm
AMBALAJLAMA / PACKING INSTRUCTION	
PRIZMATİK SINIR / BOUNDING BOX	

UNLESS OTHERWISE SPECIFIED
 Geometrical tolerances are according to ISO 1101.
 Indication of surface roughness is according to ISO 1302.
 All sharp external edges 0.5X45°
 All sharp internal edges R0.5 and ISO 1302, ±0,3
 Geometrical tolerances for welded constructions to DIN EN ISO 12920 - B,F

Degree Ra (µm)	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
	0,025	0,05	0,1	0,2	0,4	0,8	1,6	3,2	6,3	12,5	25	50
General Tolerance DIN 2768-M	05-6	6-30	30-120	120-400	400-1000	Angular Tolerance			<10°	>10°		
	±0,1	±0,2	±0,3	±0,5	±0,8				±2°	±5°		
Drawn T.ULUDAĞ	Date	File Name		Drawing Number								
Checked M.SERER	Date	Kesme Vanası Aktuatörü		10110099								
Approved M.SERER	Date	Drawing Number of Customer		Document Number								
				10110099								
		Weight	Size	Sheet	Scale	Projection						
		96,797 kg	A3	1	1:4							

