

AnTech®

Elektro-Mekanik Diyaframalı Dozaj Pompaları

*Electro-Mechanical Diaphragm
Dosage Pumps*



www.enelsa.com

Elektro-Mekanik Diyaframalı Dozaj Pompaları *Electro-Mechanical Diaphragm Dosage Pumps*



EMD-M ve EMD P Modeller *EMD-M & EMD-P Models*

Yüksek miktarlardaki sıvı kimyasalların hassas ölçülerde dozlanması için ideal çözüm.

Ideal solution for dosing liquid chemicals sensitively at high amounts.

Sağlam yapısı ve hassas dozaj özellikleriyle arıtma tesisleri ve endüstriyel proseslerde çözümdür.

It is solution for treatment plants and industrial processes with its strong structure and sensitive dosing properties.

Plastik gövdede 50 litreye, Metal gövdede 150 litreye kadar modeller

Models are up to 50 L for plastic body and 150 L for metal body.

Dozlanacak kimyasallara göre seçilebilen PP, SS 316 ve PVDF Pompa Kafası, rekorlar ve çekvalfler.

PP, SS 316, PVDF Pump Heads, Records and Check Valves can be preferred due to chemicals.

Çalışırken ya da dururken manuel 0 -100% kapasite ayarı.

Manual stroke adjustment 0-100 % during running or standing.

4 - 20mA sinyal giriшли elektrik aktüatörü

Stroke adjustment can be done with electrical actuator



Elektro-Mekanik Diyaframlı
Electro-Mechanical Diaphragm
Plastik Gövdeli Modeller
Plastic Body Models

Kapasite : 14 l/h - 49 l/h

Capacity

Maksimum Karşı Basınç : 5 bar

Maximum opposite pressure

Dozaj Kafası : PVC,PVDF, SS316,PP/FRV

Dosing Head

Diyafraim : PTFE\NBR

Diaphragm

O Ring : Viton, EPDM

O Ring

Çekvalf bilyaları : Ceramic, SS316

Check Valve Marbles

Bilya Altı Parçalar : Ceramic, SS316

Sub Marble Pieces

Kapasite Ayarı : %0 – 100 arası ayarlanabilir

Stroke Adjustment

Paket Ebatları :370x250x320 (EnxBoy xYükseklik (mm))

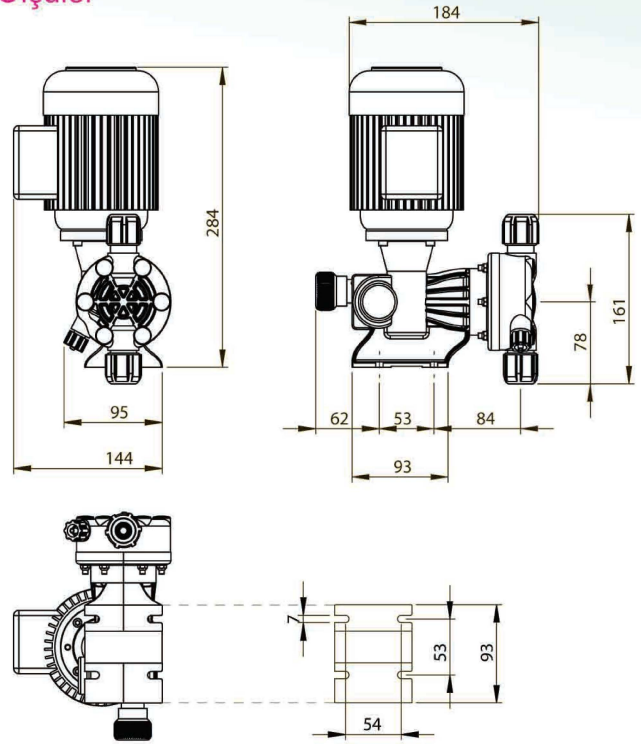
Package Dimensions

(Width x Length x Height (mm))

Paket Ağırlığı : 5,3 kg

Package Weight

Ölçüler



► **Elektro-Mekanik Diyaframlı Dozaj Pompaları İçin Malzeme Seçimi (XX)**

Material Options for Electro-Mechanical Diaphragm Dosage Pumps (XX)

XX	Pompa Kafası <i>Pump Head</i>	Bilye <i>Marble</i>	Bilye Altı <i>Sub Marble Parçalar Pieces</i>	Diyafram <i>Diaphragm</i>
11	PP/FRV	Ceramic	PTFE	PTFE/NBR
12	PP/FRV	S.S.316	S.S.316	PTFE/NBR
22	S.S.316	S.S.316	S.S.316	PTFE/NBR
33	PVDF	Ceramic	PTFE	PTFE/NBR
44	PVC	Ceramic	PTFE	PTFE/NBR



► Elektro-Mekanik Diyaframalı Plastik Gövdeli Modeller Teknik Özellikler

Technical Properties of Electro-Mechanical Diaphragm Plastic Body Models

Pompa Tipi <i>Pump Type</i>	Ø mm Diyafram <i>Diaphragm</i>	Strok/dk. <i>Stroke/min.</i>		Kapasite <i>Capacity</i>				Max. Basınç <i>Pressure</i>		Strok <i>Stroke</i> mm	kW	Bağlantılar <i>Connections</i>	Ağırlık <i>Weight</i>
				L1'		L/h		Bar	Psi				
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz						
EMD-P48A(XX)	66	42	50	0,23	0,28	14	17	5	72,5	4	0,09	3,8"	4,5kg
EMD-P48B(XX)		85	102	0,53	0,64	32	38						
EMD-P48C(XX)		128	153	0,82	0,98	49	59						

Elektro-Mekanik Diyaframlı
Electro-Mechanical Diaphragm
Metal Gövdeli Modeller
Metal Body Models

Capacity

Maximum opposite pressure

Dosing Head

Diaphragm

O Ring

Check Valve Marbles

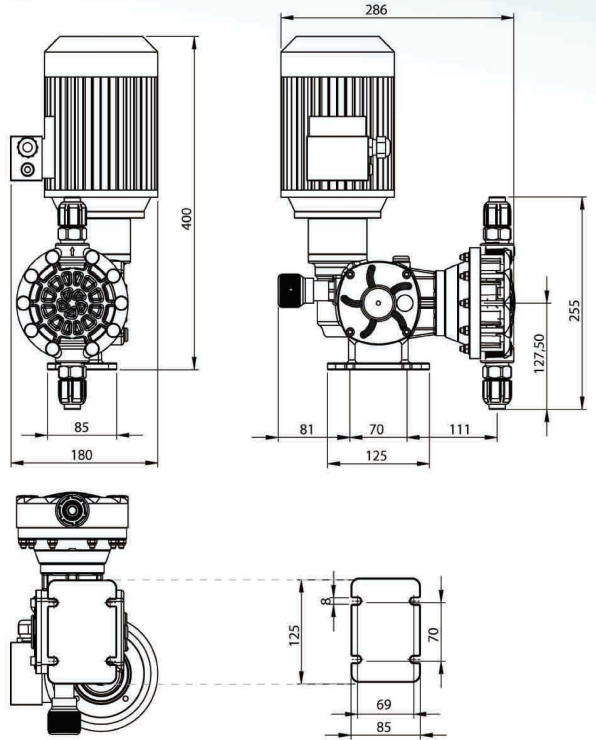
Sub Marble Pieces

Stroke Adjustment

Package Dimensions

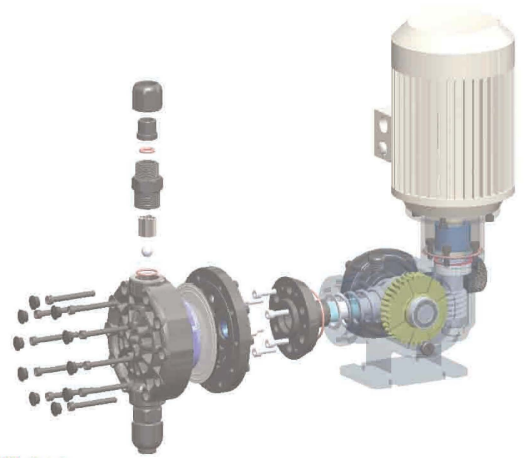
Package Weight

Ölçüler



Elektro-Mekanik Diyaframlı Dozaj Pompaları İçin Malzeme Seçimi (XX)
Material Options for Electro-Mechanical Diaphragm Dosage Pumps (XX)

XX	Pompa Kafası <i>Pump Head</i>	Bilye <i>Marble</i>	Bilye Altı <i>Sub Marble</i> Parçalar <i>Pieces</i>	Diyafram <i>Diaphragm</i>
11	PP/FRV	Ceramic	PTFE	PTFE/NBR
12	PP/FRV	S.S.316	S.S.316	PTFE/NBR
22	S.S.316	S.S.316	S.S.316	PTFE/NBR
33	PVDF	Ceramic	PTFE	PTFE/NBR
44	PVC	Ceramic	PTFE	PTFE/NBR



Elektro-Mekanik Diyaframlı Metal Gövdeli Modeller Teknik Özellikler
Technical Properties of Electro-Mechanical Diaphragm Metal Body Models

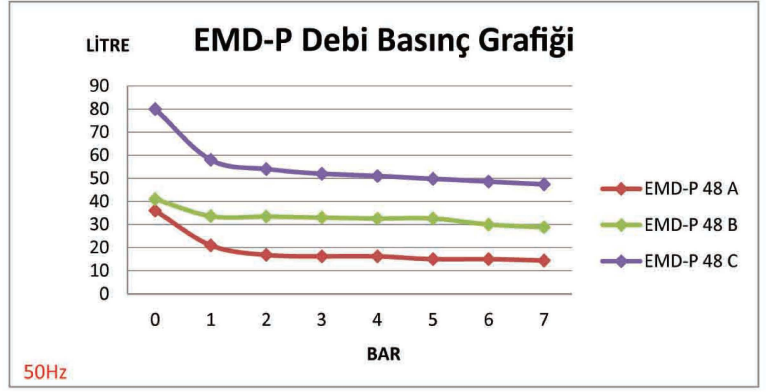
Pompa Tipi <i>Pump Type</i>	Ø mm Diyafram <i>Diaphragm</i>	Strok/dk. <i>Stroke/min.</i>		Kapasite <i>Capacity</i>				Max. Basınç <i>Pressure</i>		Strok <i>Stroke</i> mm	kW	Bağlantılar <i>Connections</i>	Ağırlık <i>Weight</i>
				L1'		L/h		Bar	Psi				
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz						
EMD-M1104A20(XX)	110	40	48	0,56	0,73	34	44	7	101,5	4	0,25	3,8"	11,5kg
EMD-M1104B15(XX)		60	72	1	1,16	60	70						
EMD-M1104B20(XX)		80	96	1,25	1,5	75	90						
EMD-M1104C20(XX)		120	145	2	1,33	120	140						
EMD-M1105A20(XX)		40	48	0,83	1	50	60			5			
EMD-M1105B15(XX)		60	72	1,33	1,56	80	94						
EMD-M1105B20(XX)		80	96	1,66	2	100	120						
EMD-M1105B20(XX)		120	145	2,5	3	150	180						

EMD-P Dozaj Pompaları İçin Debi-Basınç Grafikleri

Flow rate-Pressure Graphics for EMD-P Dosing Pumps

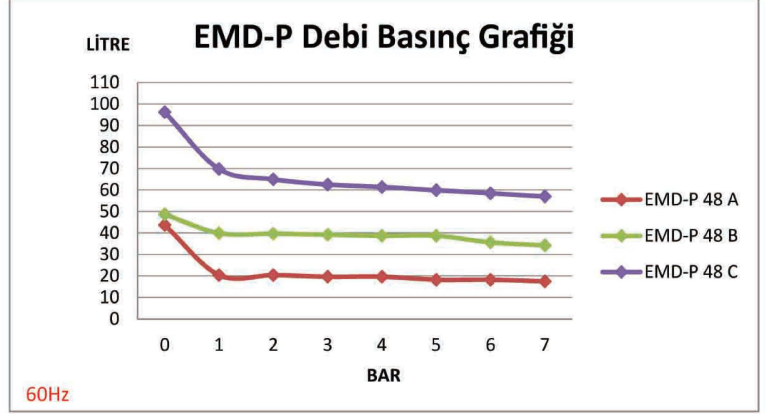
50Hz

EMD-P 48 A		EMD-P 48 B		EMD-P 48 C	
Bar	Lt	Bar	Lt	Bar	Lt
0	36	0	41	0	80
1	21	1	33,6	1	58
2	16,8	2	33,4	2	54
3	16,2	3	33	3	52
4	16,2	4	32,6	4	51
5	15	5	32,6	5	49,8
6	15	6	30	6	48,6
7	14,4	7	28,8	7	47,4



60Hz

EMD-P 48 A		EMD-P 48 B		EMD-P 48 C	
Bar	Lt	Bar	Lt	Bar	Lt
0	43,68	0	48,67	0	96,22
1	20,38	1	39,89	1	69,76
2	20,38	2	39,65	2	64,95
3	19,66	3	39,17	3	62,55
4	19,66	4	38,7	4	61,34
5	18,2	5	38,7	5	59,9
6	18,2	6	35,61	6	58,46
7	17,47	7	34,19	7	57,01

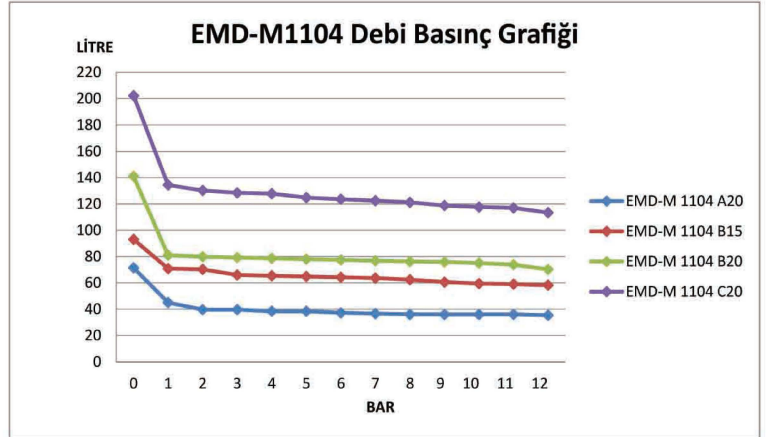


EMD-M Dozaj Pompaları İçin Debi-Basınç Grafikleri

Flow rate-Pressure Graphics for EMD-M Dosing Pumps

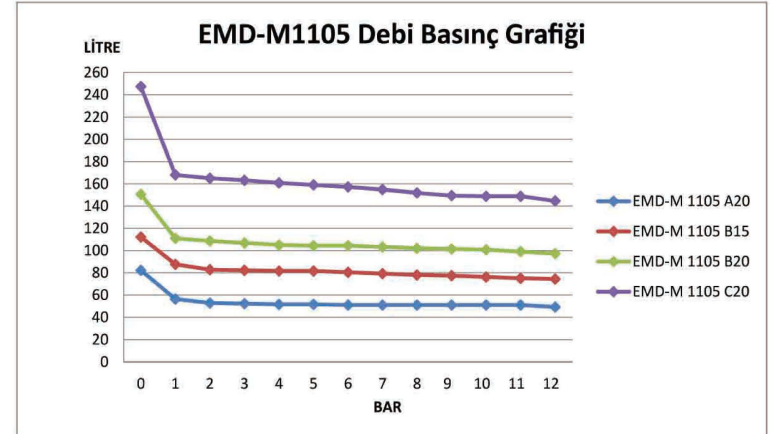
50Hz

EMD-M 1104 A20		EMD-M 1104 B15		EMD-M 1104 B20		EMD-M 1104 C20	
Bar	Lt	Bar	Lt	Bar	Lt	Bar	Lt
0	71,4	0	93	0	141	0	202,2
1	45	1	70,8	1	81	1	134,4
2	39,6	2	70,2	2	79,8	2	130,2
3	39,6	3	66	3	79,2	3	128,4
4	38,4	4	65,4	4	78,6	4	127,8
5	38,4	5	64,8	5	78	5	124,8
6	37,2	6	64,2	6	77,4	6	123,6
7	36,6	7	63,6	7	76,8	7	122,4
8	36	8	62,4	8	76,2	8	121,2
9	36	9	60,6	9	75,8	9	118,8
10	36	10	59,4	10	75	10	117,6
11	36	11	59	11	73,8	11	117
12	35,4	12	58,2	12	70,2	12	113,4



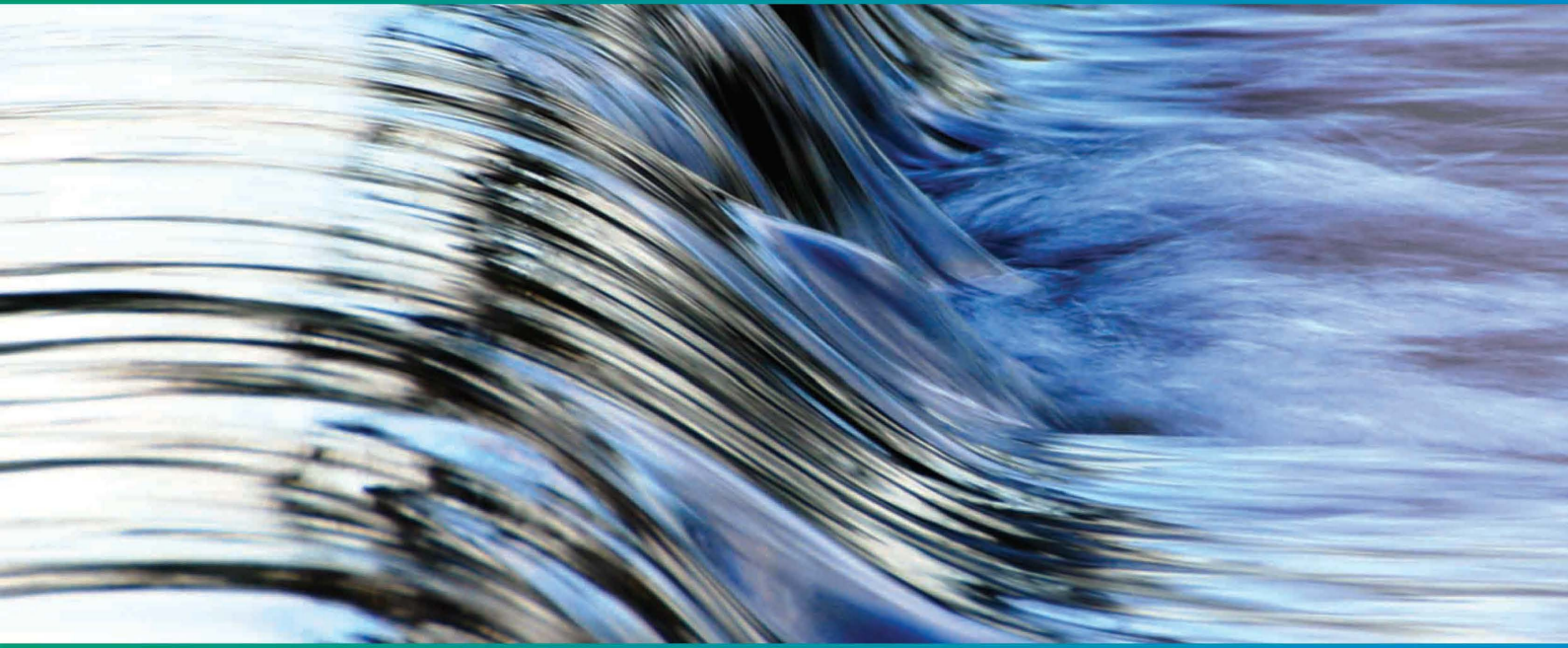
60Hz

EMD-M 1105 A20		EMD-M 1105 B15		EMD-M 1105 B20		EMD-M 1105 C20	
Bar	Lt	Bar	Lt	Bar	Lt	Bar	Lt
0	82,2	0	112,2	0	150,6	0	247,2
1	56,4	1	87,6	1	111	1	168
2	52,8	2	82,8	2	108,6	2	165
3	52,2	3	82,2	3	106,8	3	163,2
4	51,6	4	81,6	4	105	4	160,8
5	51,6	5	81,6	5	104,4	5	159
6	51	6	80,4	6	104,4	6	157,2
7	51	7	79,2	7	103,2	7	154,8
8	51	8	78	8	102	8	151,8
9	51	9	77,4	9	101,4	9	149,4
10	51	10	76,2	10	100,8	10	148,8
11	51	11	75	11	99	11	148,8
12	49,2	12	74,4	12	97,2	12	144,6



Antech®

DOZAJ POMPALARI ELEKTRONİK HAVUZ KONTROL SİSTEMLERİ
BİLGİLENDİRME PANOLARI ENDÜSTRİYEL KONTROL SİSTEMLERİ



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