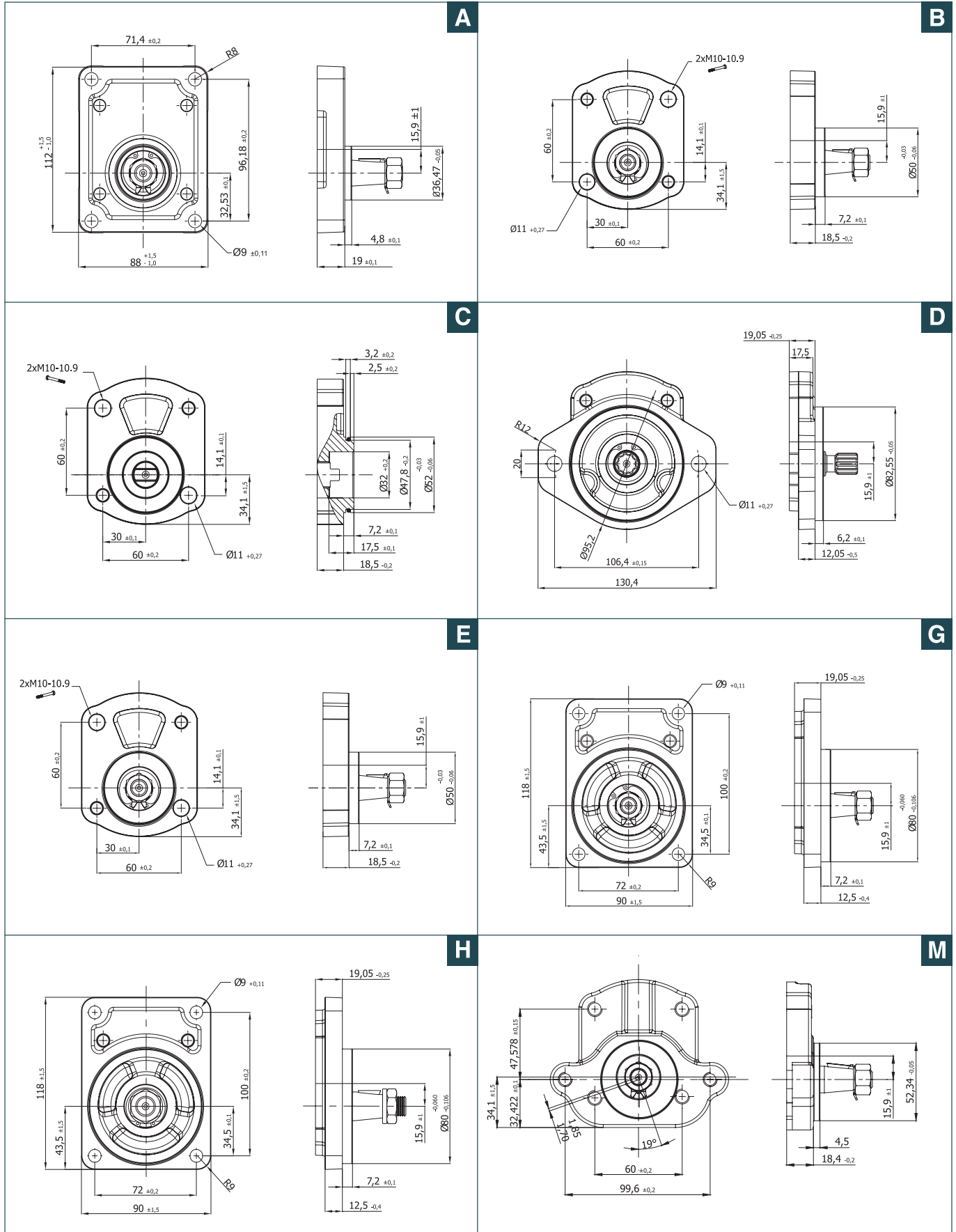


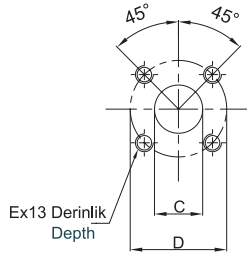
GRUP 20 MOTORLARIN KODLAMA SİSTEMİ ORDERING CODE OF GROUP 20 MOTORS

Motor Tipi / Motor Type		İletim Hacmi / Displacement cm ³ /dev (cm ³ /rev)		Dönüş Yönü / Rotation		Ön Yatak Outboard Bearing		Keçe / Seal		Sızıntı Hattı Drain Line		Arka Kapak / Rear Cover		Ön Kapak / Front Cover		Tahrik Şaftı / Drive Shaft		Giriş - Çıkış Delikleri / Inlet and Outlet Ports	
APM20	Alüminyum Gövdeli Düz Dişli Motor Aluminium Body Gear Motor	040 = 3,9 cm ³ /dev (cm ³ /rev)		A	Soğuk dönüş / Counter-clockwise	O	Var / Available	N	NBR	G	G1/4"	S	Standart Standard	A	Dikdörtgen kapak Square flange	A	Konik - Kamalı Tapered key shaft	01	Kare tip Rectangular
DKM20	Döküm Gövdeli Düz Dişli Motor Cast Iron Body Gear Motor	060 = 5,9 cm ³ /dev (cm ³ /rev)		C	Sağ dönüş / Clockwise			V	Viton	U	7/16-20 UNF	E	Arkadan Dış Sızıntı Hattı External Drain Rear Port	B	2 Cıvatalı - Merkezleme 2 Bolts - Centering	B	Konik - Kamalı Tapered key shaft	02	Baklava tip Diamond
		080 = 8,0 cm ³ /dev (cm ³ /rev)		R	Çift dönüş / Reversible					M	M12x1,5	R1	Emniyet Valfi (10 - 90 Bar) Relief Valve	C	2 Cıvatalı - Merkezleme ve oringli 2 Bolts - Centering with oring	C	SAE spline şaft 9 diş SAE spline shaft 9T	03	Metrik dişli ISO 6149 oring boss
		095 = 9,4 cm ³ /dev (cm ³ /rev)										R2	Emniyet Valfi (70 - 140 Bar) Relief Valve	D	2 Cıvatalı SAE 'A' 2 Bolts SAE 'A'	D	Kesik şaftlı Tang drive shaft	04	UNF diş UNF thread
		115 = 11,4 cm ³ /dev (cm ³ /rev)										R3	Emniyet Valfi (120 - 190 Bar) Relief Valve	E	2 Cıvatalı - Merkezleme 2 Bolts - Centering	E	SAE spline şaft 11 diş SAE spline shaft 11T	05	Boru diş Pipe thread
		140 = 13,9 cm ³ /dev (cm ³ /rev)										D	Akış Bölücü Valfi Flow Divider Valve	G	Dikdörtgen kapak Square flange	G	Spline şaft DIN 5482 Spline shaft (B17x14)	06	SAE Dikdörtgen Flanş Metrik diş SAE Square Flange Thread Metric
		160 = 16,0 cm ³ /dev (cm ³ /rev)										H	Emniyet Valfili Akış Kontrol Valfi Flow Control Valve With Relief Valve	H	Ön yataklı Outboard bearing	H	Paralel şaft Parallel shaft		
		190 = 19,2 cm ³ /dev (cm ³ /rev)										L	Yük Duyarlı Valfi Load Sensing Valve	K	2 Cıvatalı SAE 'B' 2 Bolts SAE 'B'	K	Konik - Kamalı Tapered key shaft		
		220 = 21,9 cm ³ /dev (cm ³ /rev)										T	Çek Valfi Check Valve	L	2 Cıvatalı - Merkezleme 2 Bolts - Centering	L	Konik - Kamalı Tapered key shaft		
		250 = 24,8 cm ³ /dev (cm ³ /rev)										P	Arkadan Giriş-Çıkış Rear Inlet-Outlet	M	4 Cıvatalı - Merkezleme O-ringli 4 Bolts - Centering O-ring	M	SAE spline şaft J498 10 diş SAE spline shaft 16/32 DP 10T		
		280 = 27,9 cm ³ /dev (cm ³ /rev)										C	Basınç Kompansatörlü Akış Kontrol Valfi Flow Control Valve Pressure Compensated	N		N	Konik - Kamalı Tapered key shaft		
		320 = 32,0 cm ³ /dev (cm ³ /rev)												T		T	Kesik şaftlı Tang drive shaft		
		340 = 34,0 cm ³ /dev (cm ³ /rev)																	
		380 = 38,0 cm ³ /dev (cm ³ /rev)																	
		400 = 40,0 cm ³ /dev (cm ³ /rev)																	

- Kodlama Örneği ; APM20.115.RAB02EGN
Code Example

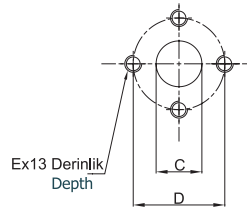


A Sıkma torku 50Nm Tighten Torque M12x1,5 Koniklik 1:5 Basic Taper Ref. Çapı 17 Ref. Diameter Ay Kama Woodruff Key Maks. Tork 110 Nm Max. Torque	B Sıkma torku 50Nm Tighten Torque M12x1,5 Koniklik 1:8 Basic Taper Ref. Çapı 16,66 Ref. Diameter Ay Kama Woodruff Key Maks. Tork 110 Nm Max. Torque
C SAE 16-4 (A) 5/8" Spline Evolvent Spline Diş Dibi Düz, Yanaktan Alıştırılmalı 9 Diş, 16/32 DP Involute Spline Flat Root Side Fit 9 Teeth, 16/32 DP Maks. Tork 90 Nm Max. Torque	E Maks. Tork 65 Nm Max. torque
F SAE J498 Spline Evolvent Spline Diş Dibi Düz, Yanaktan Alıştırılmalı 11 Diş, 16/32 DP Involute spline Flat root side fit 11 Teeth, 16/32 DP Maks. Tork 150 Nm Max. Torque	G Diş kalınlığı Tooth Thickness SW=3,2 ±0.03 Evolvent Spline DIN 5482 B17x14 9 Diş Involute Spline DIN 5482 B17x14 9 Teeth Maks. Tork 115 Nm Max. Torque
H Düz kama Key 4x18 DIN 6885 Maks. Tork 55 Nm Max. torque	M Tam Diş Boyu Min. full thread SAE J498 A Evolvent Spline Diş Dibi Düz, Yanaktan Alıştırılmalı 10 Diş, 16/32 DP SAE J498 A Involute Spline Flat Root Side Fit 10 Teeth, 16/32 DP Maks. Tork 115 Nm Max. Torque



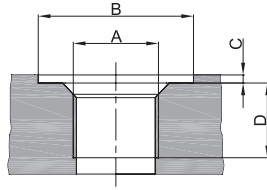
01 Kare Tipi Flanş
Rectangular Flange

Sipariş Kodu Ordering Code	İletim Hacmi Displacement cm³/dev. (rev)	Emiş Tarafı Suction Side			Bastırıcı Tarafı Pressure Side		
		C	D	E	c	d	e
	4	12	40	M6	12	35	M6
	6	13,5			13,5		
	8 – 25	20			15		
	28 – 40				20		
	4 – 16	15	35	M6	15	35	M6
	19 – 40	20	40		20	40	



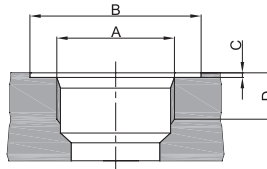
02 Baklava Tipi Flanş
Diamond Flange

Sipariş Kodu Ordering Code	İletim Hacmi Displacement cm ³ /dev (rev)	Emiş Tarafı Suction Side			Baskın Tarafı Pressure Side		
		C	D	E	c	d	e
	4	12	30,2	M6	12	30,2	M6
	6 - 8	13,5			13,5		
	9,5 - 25	20	40	M8	20	40	M8
	28 - 40				20		
	4 - 16	13,5	30,2	M6	13,5	30,2	M6
	19 - 40	20	40	M8	20	40	M8



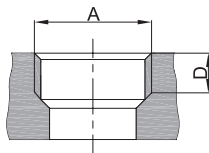
03 Metrik dış / Thread, Oring Boss
Metric ISO 6149 With Seal Ring

Sipariş Kodu Ordering Code	İletim Hacmi Displacement cm ³ /dev (rev)	Emiş Tarafı Suction Side				Baskın Tarafı Pressure Side			
		A	B	C	D	A	B	C	D
	4 - 6	M18x1,5	30	0,5	16	M18x1,5	30	0,5	16
	8 - 16	M27x2	40		19	M22x1,5	35		19
	19 - 40	M33x2	45		22	M22x1,5	35		19
	4 - 16	M22x1,5	35	0,5	19	M22x1,5	35	0,5	19
	19 - 40	M26x1,5	40		19	M26x1,5	40		19



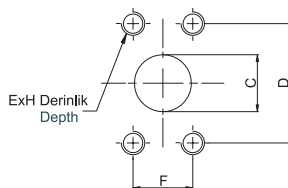
04 Diş / Thread
(UNF-2B) SAE Oring Boss

Sipariş Kodu Ordering Code	İletim Hacmi Displacement cm ³ /dev (rev)	Emiş Tarafı Suction Side				Baskın Tarafı Pressure Side			
		A	B	C	D	A	B	C	D
	4 - 6	9/16-18 UNF-2B	25	0,5	13	9/16-18 UNF-2B	25	0,5	13
	8	7/8-14 UNF-2B	35		16	7/8-14 UNF-2B	35		16
	9,5 - 40	1 1/16-12 UNF-2B	45		19	7/8-14 UNF-2B	35		16
	4 - 16	7/8-14 UNF-2B	35	0,5	16	7/8-14 UNF-2B	35	0,5	16
	19 - 40	1 1/16-12 UNF-2B	45		19	1 1/16-12 UNF-2B	45		19



05 Boru dış / Pipe Thread
ISO228/1

Sipariş Kodu Ordering Code	İletim Hacmi Displacement cm ³ /dev (rev)	Emiş Tarafı Suction Side		Baskın Tarafı Pressure Side	
		A	D	A	D
	4 - 16	G ¾	16	G ½	16
	19 - 40	G 1		G ¾	
	4 - 16	G ½	16	G ½	16
	19 - 40	G ¾		G ¾	

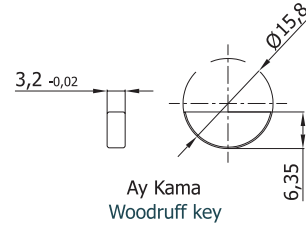
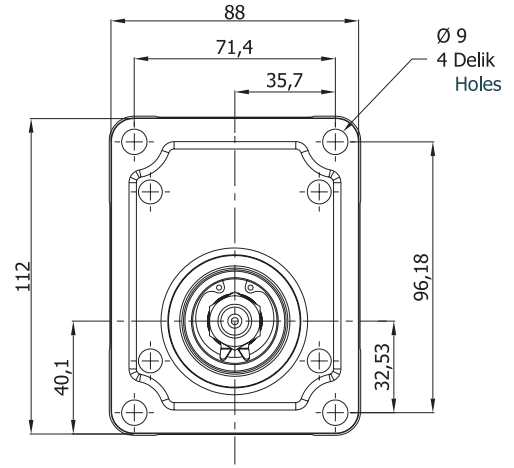
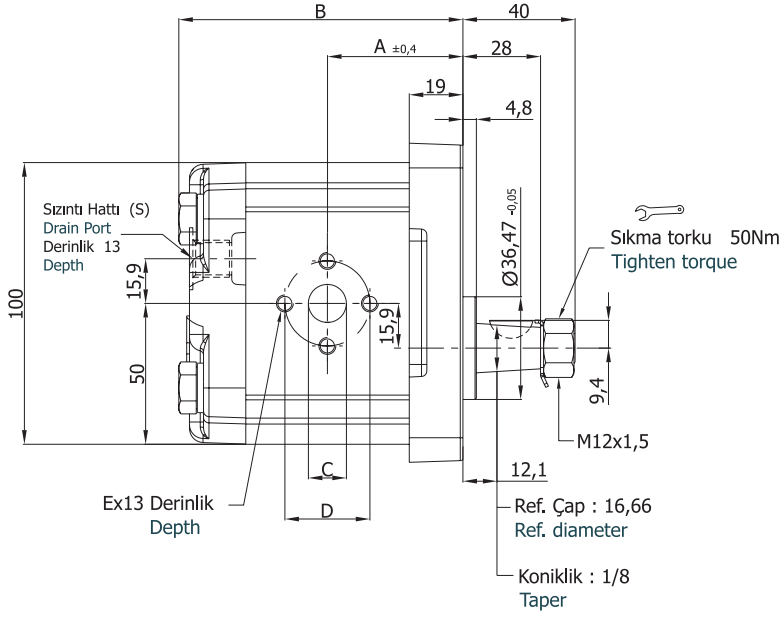
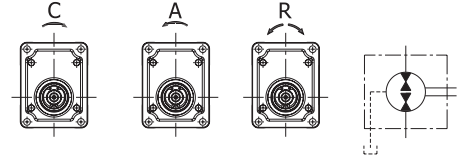


06 SAE Dikdörtgen Flanş Metrik Diş
SAE Square Flange Metric Thread

Sipariş Kodu Ordering Code	İletim Hacmi Displacement cm ³ /dev (rev)	Emiş Tarafı Suction Side					Baskın Tarafı Pressure Side				
		C	D	E	F	H	c	d	e	f	h
	4 - 11,5	12	38,1	M8	17,5	13	12	38,1	M8	17,5	13
	14 - 19	20	47,6	M10	22,2	16	20	47,6	M10	22,2	16
	22 - 40	26	52,4		26,2		26	52,4		26,2	16
	4 - 11,5	12	38,1	M8	17,5	13	12	38,1	M8	17,5	13
	14 - 22	20	47,6	M10	22,2	16	20	47,6	M10	22,2	16
	25 - 40	26	52,4		26,2		26	52,4		26,2	16

A Ön Kapak
Front Cover

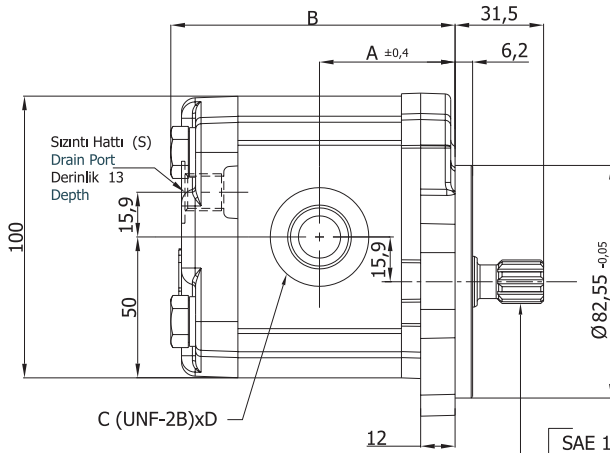
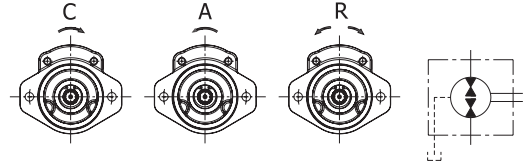
B Şaft Tipi
Shaft Type



Motor Tipi Motor Type	İletim Hacmi Displacement cm³/dev(cm³/rev)	Maks. Basınç Max. Pressure (bar)	Maks. Hız Max. Speed d/d (rpm)	A ±0,4	B	Giriş/Çıkış – Inlet/Outlet			Sızıntı - Drain
						C	D	E	S
DKM20.040.RAB02EGN	3,9	280	3500	42,2	89,3	13,5	30,2	M6	G1/4
DKM20.060.RAB02EGN	5,9			43,8	92,4				
DKM20.080.RAB02EGN	8,0			45,4	95,6				
DKM20.095.RAB02EGN	9,4			46,5	97,9				
DKM20.115.RAB02EGN	11,4		3000	48,2	101,0				
DKM20.140.RAB02EGN	13,9			50,0	105,0				
DKM20.160.RAB02EGN	16,0			51,7	108,1				
DKM20.190.RAB02EGN	19,2			60,2	125,1				
DKM20.220.RAB02EGN	21,9	240	2500	62,3	129,5	20	40	M8	
DKM20.250.RAB02EGN	24,8	220		64,8	134,6				
DKM20.280.RAB02EGN	27,9	200		2200	67,0				

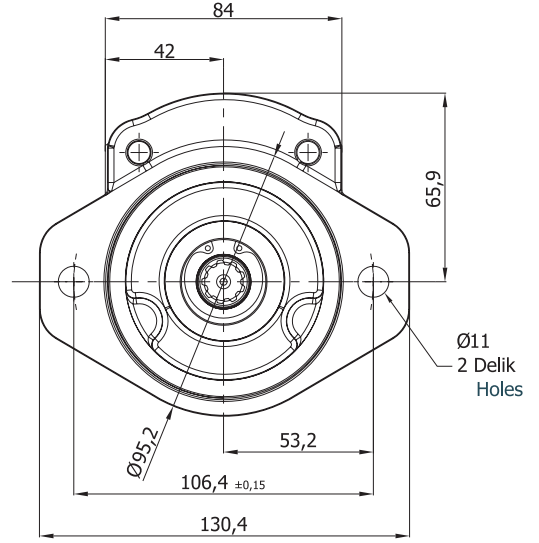
D Ön Kapak
Front Cover

C Şaft Tipi
Shaft Type



SAE 16-4 (A) 5/8" Spline
Evolvent Spline
Diş Dibi Düz, Yanaktan Alıstırmalı
9 Diş, 16/32 DP

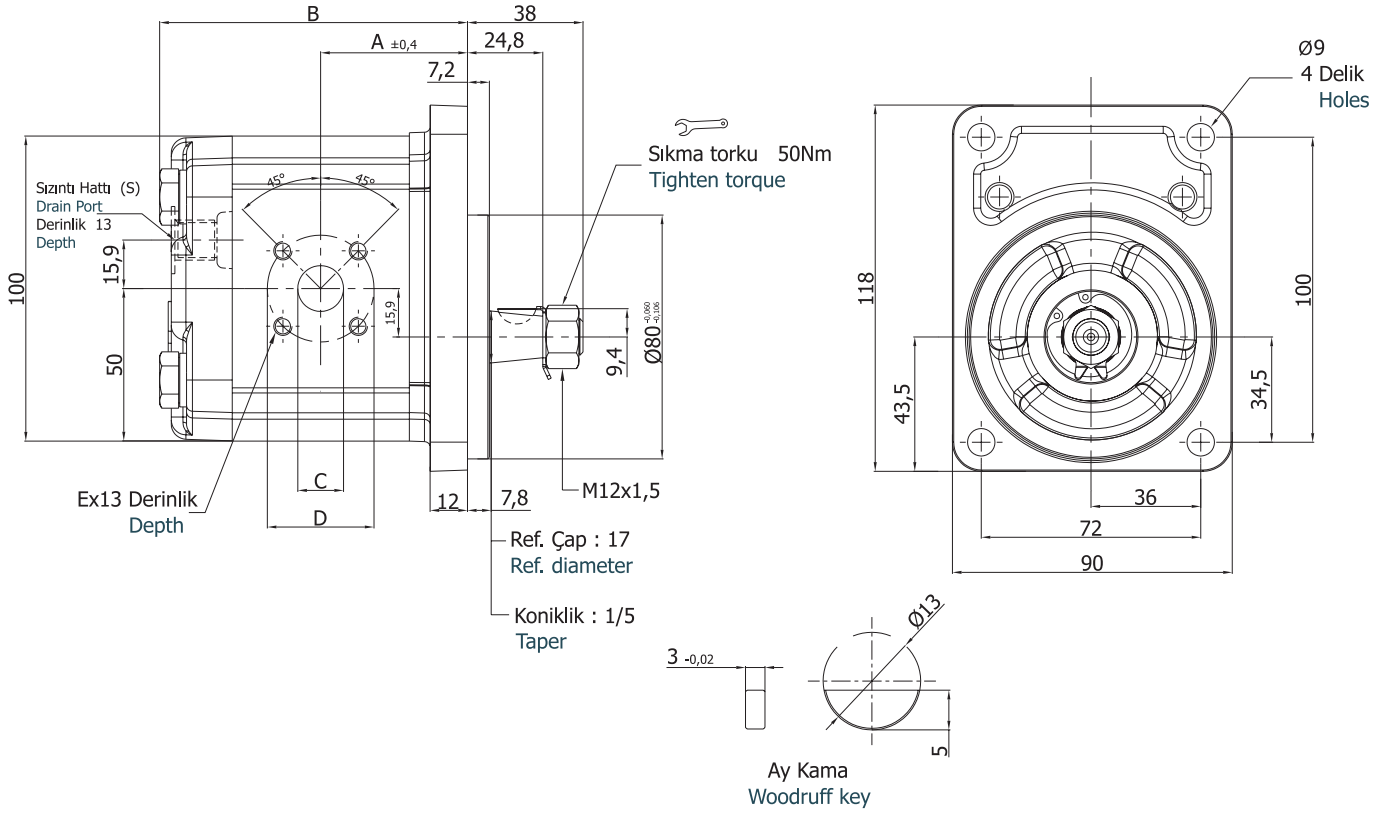
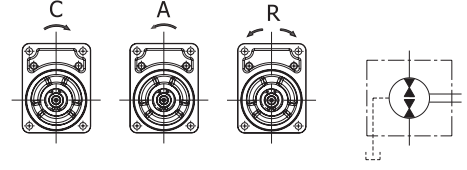
Involute spline
Flat root side fit
9 Teeth, 16/32 DP



Motor Tipi Motor Type	İletim Hacmi Displacement cm³/dev(cm³/rev)	Maks. Basınç Max. Pressure (bar)	Maks. Hız Max. Speed d/d (rpm)	A ±0,4	B	Giriş/Çıkış – Inlet/Outlet		Sızıntı - Drain
						C	D	S
DKM20.040.RDC04EUN	3,9	280	3500	42,2	89,3	7/8-14 UNF	15	7/16-20 UNF
DKM20.060.RDC04EUN	5,9			43,8	92,4			
DKM20.080.RDC04EUN	8,0			45,4	95,6			
DKM20.095.RDC04EUN	9,4			46,5	97,9			
DKM20.115.RDC04EUN	11,4		3000	48,2	101,0			
DKM20.140.RDC04EUN	13,9			50,0	105,0			
DKM20.160.RDC04EUN	16,0			51,7	108,1			
DKM20.190.RDC04EUN	19,2			60,2	125,1			
DKM20.220.RDC04EUN	21,9	240	2500	62,3	129,5	1 1/16-12 UNF	20	
DKM20.250.RDC04EUN	24,8	220		64,8	134,6			
DKM20.280.RDC04EUN	27,9	200	2200	67,0	138,9			

G Ön Kapak
Front Cover

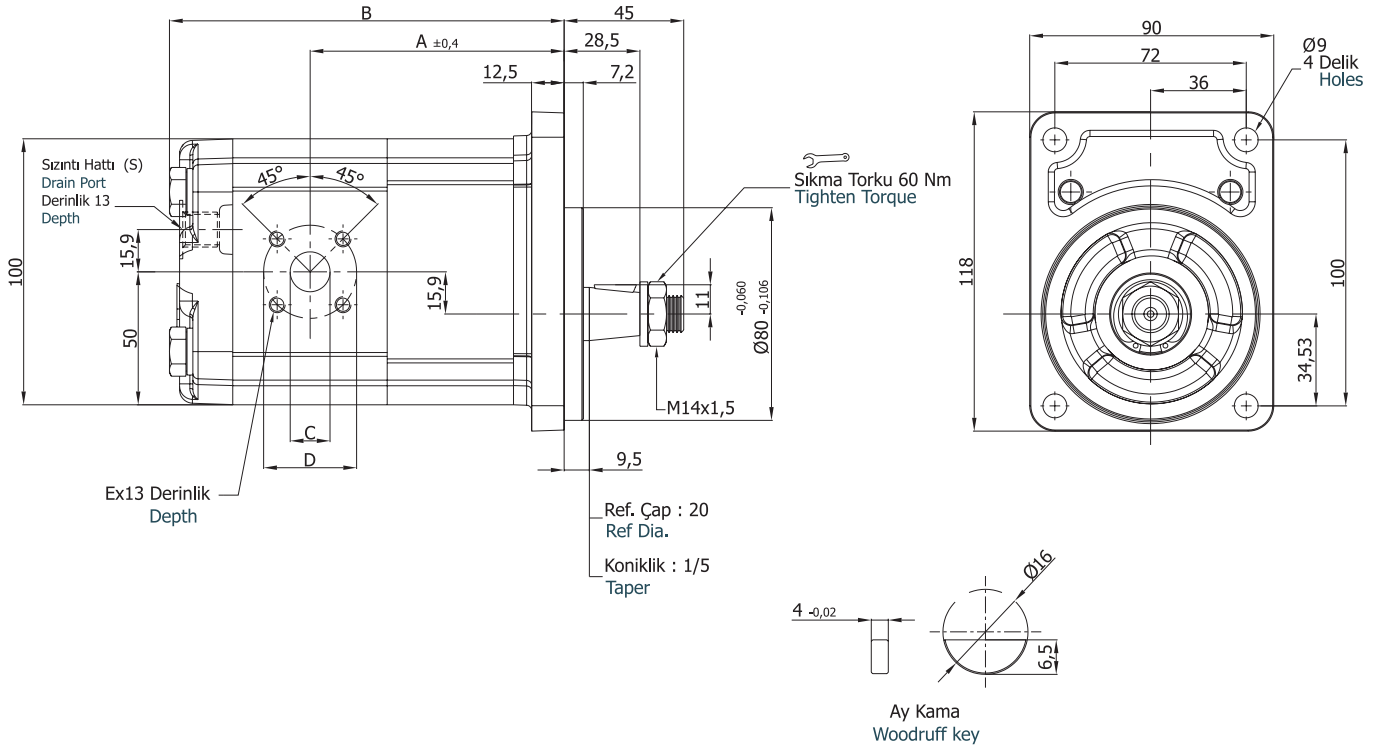
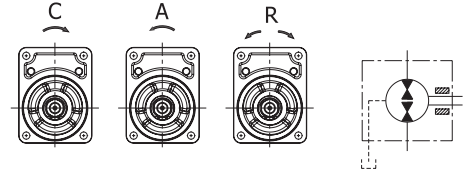
L Şaft Tipi
Shaft Type



Motor Tipi Motor Type	İletim Hacmi Displacement cm³/dev(cm³/rev)	Maks. Basınç Max. Pressure (bar)	Maks. Hız Max. Speed d/d (rpm)	A ±0,4	B	Giriş/Çıkış – Inlet/Outlet			Sızın - Drain
						C	D	E	S
DKM20.040.RGL01EMN	3,9	280	3500	42,2	89,3	15	35	M6	M12x1,5
DKM20.060.RGL01EMN	5,9			43,8	92,4				
DKM20.080.RGL01EMN	8,0			45,4	95,6				
DKM20.095.RGL01EMN	9,4			46,5	97,9				
DKM20.115.RGL01EMN	11,4		3000	48,2	101,0				
DKM20.140.RGL01EMN	13,9			50,0	105,0				
DKM20.160.RGL01EMN	16,0			51,7	108,1				
DKM20.190.RGL01EMN	19,2			60,2	125,1				
DKM20.220.RGL01EMN	21,9	240	2500	62,3	129,5				
DKM20.250.RGL01EMN	24,8	220		64,8	134,6				
DKM20.280.RGL01EMN	27,9	200		67,0	138,9				

H Ön Kapak
Front Cover

K Şaft Tipi
Shaft Type



Motor Tipi Motor Type	İletim Hacmi Displacement cm³/dev(cm³/rev)	Maks. Basınç Max. Pressure (bar)	Maks. Hız Max. Speed d/d (rpm)	A ±0,4	B	Giriş/Çıkış – Inlet/Outlet			Sızıntı – Drain
						C	D	E	S
DKM20.040.RHK01EMON	3,9	280	3500	89,7	136,7	15	35	M6	M12x1,5
DKM20.060.RHK01EMON	5,9			91,2	139,8				
DKM20.080.RHK01EMON	8,0			92,8	142,9				
DKM20.095.RHK01EMON	9,4			94,0	145,2				
DKM20.115.RHK01EMON	11,4	260	3000	95,5	148,4	20	40	M6	M12x1,5
DKM20.140.RHK01EMON	13,9			97,5	152,3				
DKM20.160.RHK01EMON	16,0			99,0	155,4				
DKM20.190.RHK01EMON	19,2			107,5	172,4				
DKM20.220.RHK01EMON	21,9	190	2500	109,7	176,8	20	40	M6	M12x1,5
DKM20.250.RHK01EMON	24,8	160		112,3	181,9				
DKM20.280.RHK01EMON	27,9		2200	114,5	186,2				