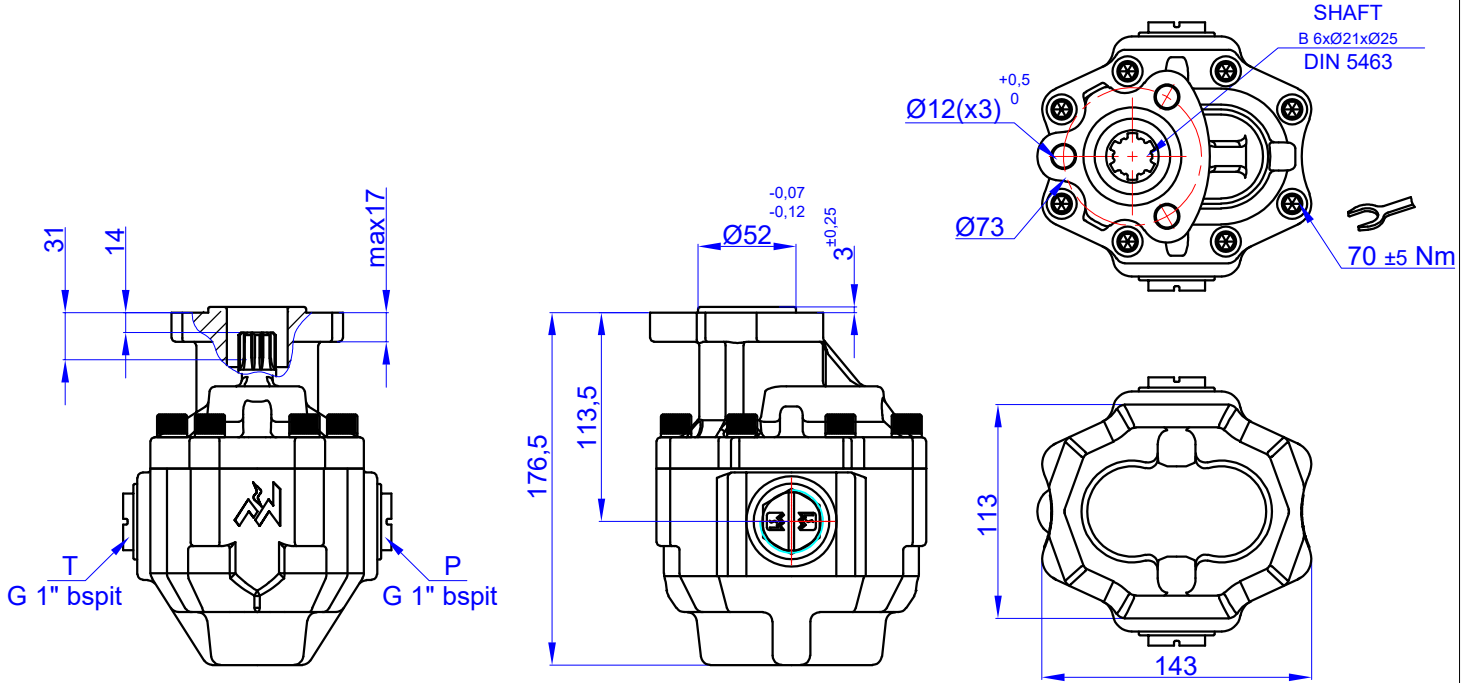


82 cc BI-ROTATIONAL GEAR PUMP-UNI  
DP 30-82 T1 ÇİFT DÖNÜŞLÜ (YAN G-Ç) DIŞLI POMPA

Product Code / Ürün Kodu : PDCD3008220013  
Ref. No : 0001



**TEKNIK BİLGİLER / TECHNICAL DATA**

Specifications		
Displacement	82	cm <sup>3</sup> /rev
Max. Peak Pressure (P3)	220	bar
Max. Intermittent Pressure (P2) (for tipping applications)	210	bar
Max. Continuous Pressure (P1)	180	bar
Max. Speed at Intermittent Press.	1800	min <sup>-1</sup>
Min. Speed at Intermittent Press.	300	min <sup>-1</sup>
Max. Speed at Continuous Press.	1500	min <sup>-1</sup>
Oil Temperature Range	-40 ~ 80	°C
Inlet Pressure Range (suction side)	0,7 ~ 3	bar
Recommended Oil Viscosity Range	12 ~ 100	mm <sup>2</sup> /s (cSt)
Max. Starting Viscosity	750	mm <sup>2</sup> /s (cSt)
<b>Filtration :</b>		
-Working Pressure < 200 bar	25	µm
-Working Pressure > 200 bar	10	µm
<b>Connection :</b>		
Min. Suction Hose Bore Diameter	-	inch
Weight	10.3	kg
Rust prevent oil applied shaft area	protect 12 moths	

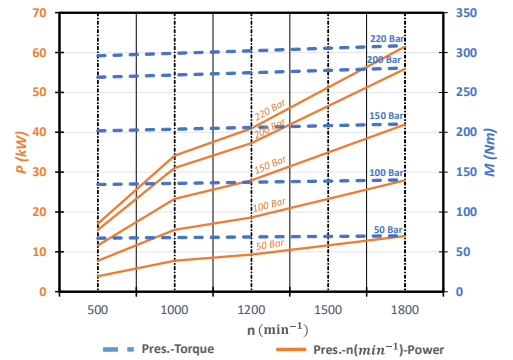
Power and Torque					
Pressure (Bar)	50	100	150	200	220
Torque (Nm)	73	145	218	290	319

Power (kW)						
rpm / Bar	50	100	150	200	220	
500	4	8	12	16	17	
1000	8	16	23	31	34	
1200	9	19	28	37	41	
1500	12	23	35	47	51	
1800	14	28	42	56	62	

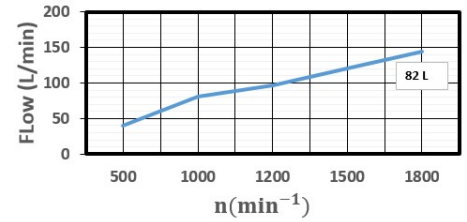
rpm (n/min)	Flow (L/min)
500	40
1000	80
1200	96
1500	121
1800	145

**DİYAGRAMLAR / DIAGRAMS**

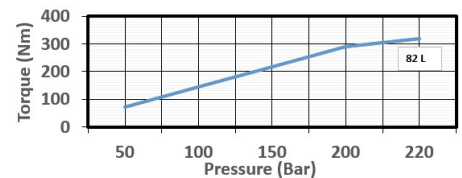
Power-Pressure Graphic



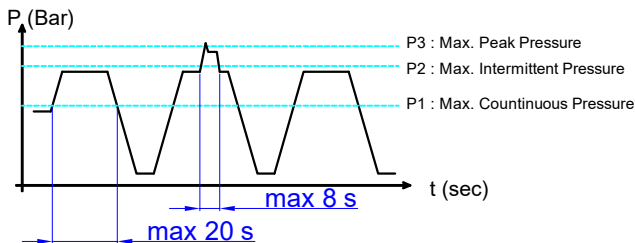
Flow-rpm Graphic



Torque-Pressure Graphic



**Pressure Definition**



**Hydraulic Pump Symbol**

