



GALİPOĞLU
HIDROMAS

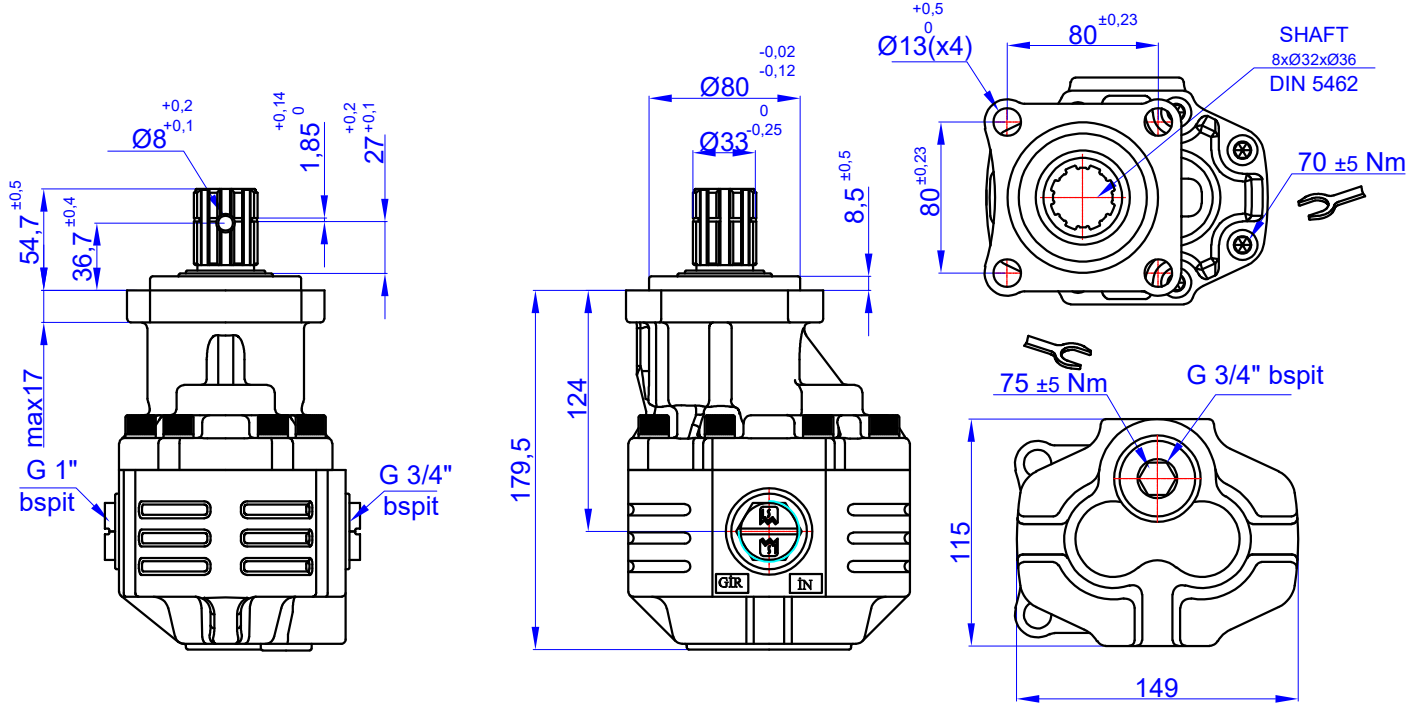
HİDROMAS GEAR PUMPS 30 SERIES

17L - 27L - 34L - **43L** - 51L - 61L - 82L

43 cc GEAR PUMP-ISO
DPA 30-43 DİŞLİ POMPA SAĞ / SOL

Product Code / Ürün Kodu : PDTD300430131
Ref. No : 0002 PDTD300430132

CW
CCW



TEKNIK BİLGİLER / TECHNICAL DATA

Specifications

Displacement	43	cm ³ /rev
Max. Peak Pressure (P3)	300	bar
Max. Intermittent Pressure (P2) (for tipping applications)	290	bar
Max. Continuous Pressure (P1)	270	bar
Max. Speed at Intermittent Press.	2500	min ⁻¹
Min. Speed at Intermittent Press.	300	min ⁻¹
Max. Speed at Continuous Press.	2000	min ⁻¹
Oil Temperature Range	-40 ~ 80	°C
Inlet Pressure Range (suction side)	0.7 ~ 3	bar
Recommended Oil Viscosity Range	12 ~ 100	mm ² /s (cSt)
Max. Starting Viscosity	750	mm ² /s (cSt)
Filtration :		
-Working Pressure < 200 bar	25	µm
-Working Pressure > 200 bar	10	µm
Connection :		
Min. Suction Hose Bore Diameter	-	inch
Weight	12,5	kg
Rust prevent oil applied shaft area	protect 12 months	

Power and Torque

Pressure (Bar)	50	100	200	250	300
Torque (Nm)	38	76	152	190	228

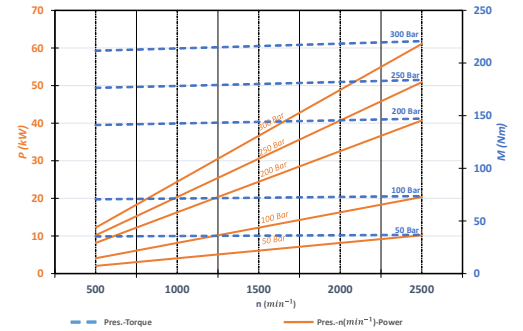
Power (kW)

rpm / Bar	50	100	200	250	300
500	2	4	8	10	12
1000	4	8	16	20	24
1500	6	12	24	31	37
2000	8	16	33	41	49
2500	10	20	41	51	61

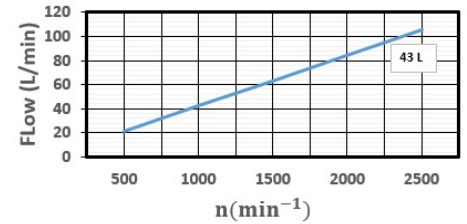
rpm (n/min)	Flow (L/min)
500	21
1000	42
1500	63
2000	84
2500	105

DİYAGRAMLAR / DIAGRAMS

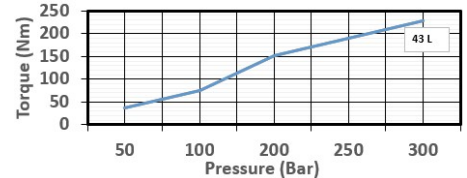
Power-Pressure Graphic



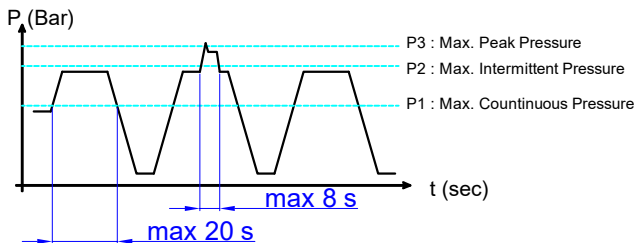
Flow-rpm Graphic



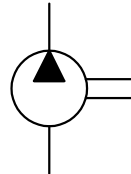
Torque-Pressure Graphic



Pressure Definition



Hydraulic Pump Symbol



Modifications:24.06.2024 / Rev00 /

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