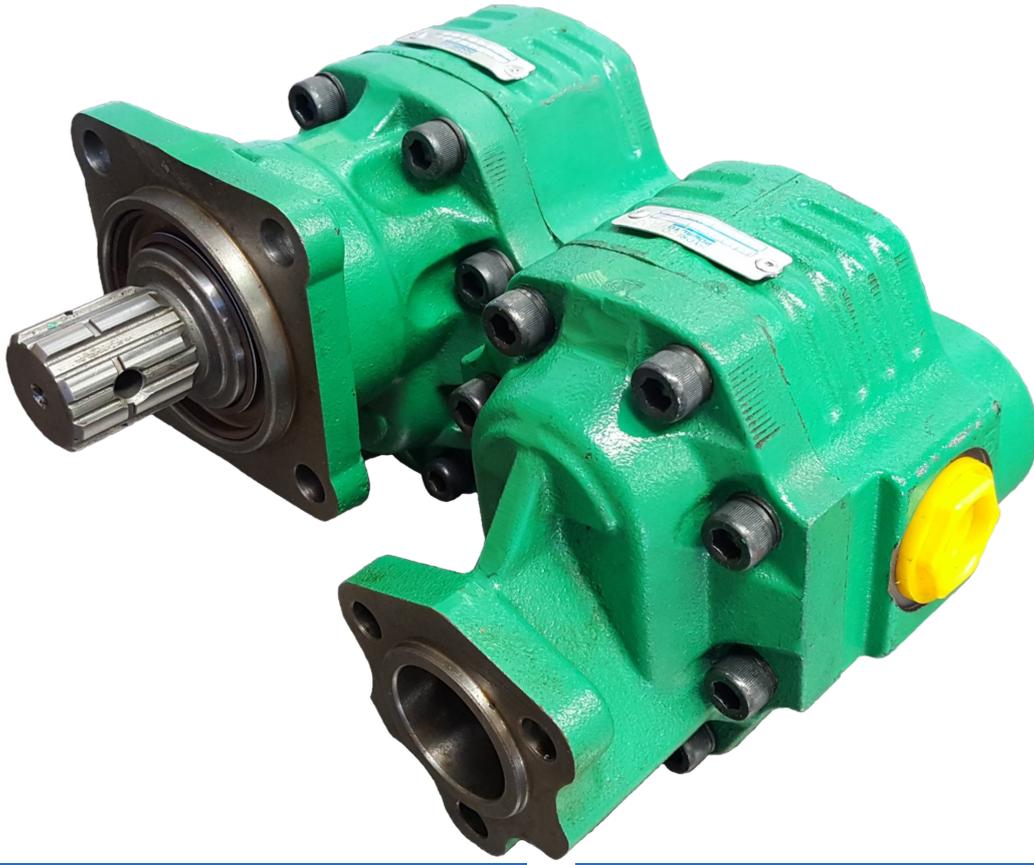


# Technical Data Sheet



## T SERIES HYDRAULIC GEAR PUMP

### Medium Pressure Gear Pump

The T series gear pump is ideal for applications requiring moderate to high pressure & flow.

Manufactured from rugged heat treated materials, this product is well suited to all applications such as cranes, aerial platforms, hook-lift loaders and tippers.

## Product Features

- **ISO/DIN or UNI Mounts**  
Ideal for the replacement market.
- **Large range of capacities**  
To suit most applications.
- **Low weight**  
Ease of maintenance and installation.

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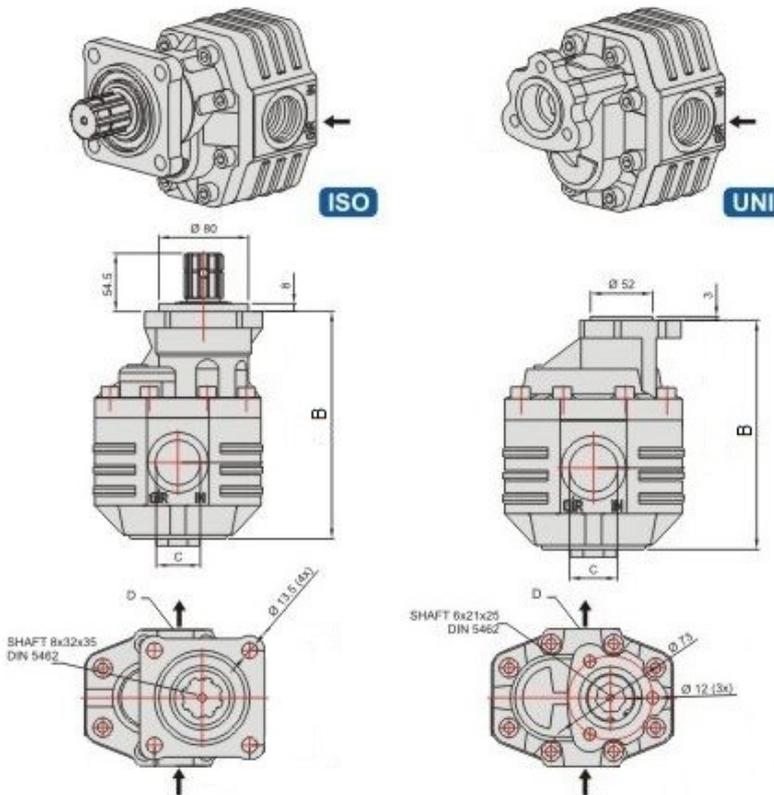
[www.hydreco.com](http://www.hydreco.com)

# Technical Data Sheet

## PUMP DESIGNATION CODES

### T Series

PUT O 87 01



#### Identifier

PU = Pump

#### Pump Series

T

#### Rotation

O = Opposite To Engine

S = Same As Engine

#### Flow @ 1000 RPM

17 = 17 L/min

27 = 27 L/min

34 = 34 L/min

43 = 43 L/min

51 = 51 L/min

61 = 61 L/min

63 = 63 L/min (Heavy Duty)

73 = 73 L/min (Heavy Duty)

82 = 82 L/min

87 = 87 L/min (Heavy Duty)

109 = 109 L/min (Heavy Duty)

#### Input Mounting

Omit = UNI

01 = DIN 5462

Technical Specifications		Pump Size										
		17	27	34	43	51	61	63	73	82	87	109
Pump Ratings												
Displacement Range	cm <sup>3</sup> /rev	17.2	26.5	34.3	43.7	51.4	60.8	60.6	71.7	81.0	85.5	107.6
Rated Pressure	bar	315	305	300	280	240	220	278	300	210	250	250
	psi	4570	4420	4350	4060	3480	3190	4030	4350	3040	3625	3625
Intermittent Pressure	bar	340	330	325	305	265	240	300	320	230	280	270
	psi	4930	4785	4710	4420	3840	3480	4350	4640	3335	4060	3915
Operating Speeds	Min. Operational	450	450	350	350	300	300	300	300	300	300	250
	Max. Continuous	2500	2500	2200	2200	2000	1800	1800	1800	1500	1500	1500
	Max. Intermittent	4000	4000	3500	3500	3500	3500	3500	3500	3000	3500	3500
Pump Port Sizes	Inlet	G <sup>1</sup> / <sub>2</sub> "	G <sup>3</sup> / <sub>4</sub> "	G <sup>3</sup> / <sub>4</sub> "	G <sup>1</sup> "	G <sup>1</sup> "	G <sup>1</sup> / <sub>4</sub> "	G <sup>1</sup> "	G <sup>1</sup> / <sub>4</sub> "	G <sup>1</sup> / <sub>4</sub> "	G <sup>1</sup> / <sub>4</sub> "	G <sup>1</sup> / <sub>4</sub> "
	Outlet	G <sup>1</sup> / <sub>2</sub> "	G <sup>3</sup> / <sub>4</sub> "	G <sup>3</sup> / <sub>4</sub> "	G <sup>3</sup> / <sub>4</sub> "	G <sup>1</sup> "	G <sup>1</sup> "	G <sup>3</sup> / <sub>4</sub> "	G <sup>3</sup> / <sub>4</sub> "	G <sup>1</sup> "	G <sup>1</sup> "	G <sup>1</sup> "
Bare Mass (ISO/DIN)	kg	10.5	11.0	11.5	12.0	12.5	13.0	16.5	16.8	13.8	17.3	18.5
Bare Mass (UNI)	kg	8.5	9.0	9.5	10.0	10.5	11.0	11.6	16.5	11.6	17.0	18.0
Length 'B' (ISO/DIN)	mm	162	168	174	179	184	190	204	206	202	213	220
Length 'B' (UNI)	mm	150	155	162	167	172	177	190	192	190	200	206
Seal Kit	ISO/DIN	SK095					SK097			SK095	SK097	
	UNI	SK094					SK096			SK094	SK096	

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