



TIMKEN 84527103348详细参数

Specifications	
Description	BNZ-125-920-2-B OIL COOLER
Series	BNZ 125-920
Model	2-Pass
Type	Temperature Control Unit
Max. Operating Pressure - Shell Side	580.00 psi 40.00 bar
Style	Shell & Tube Technology
Application	To cool hydraulic fluid utilizing shell and tube technology
Oil Port	BSPP
Weight	74.27 lb
Surface Area	13.15 m ² 141.50 ft ²
UPC Number	3348
Tube Material	Copper
Shell, Guide Plate, Brackets & Bypass Valve Material	Steel
End Cover Material	Cast Iron GG25
Fin Material	Aluminum
Tube Sheet Material	Steel
Gasket Material	Flat Gaskets C4400
End Cap Material	Cast Iron (Stainless Steel Optional)
Port Housing Material	Cast Iron
Mounting Bracket Material	Steel (May Be Rotated in 90 Degree Increments)
Shell Tube Material	Welded Steel
Gasket Size	C440 (Compatible with Fluids)
Drain Plug Material	Steel

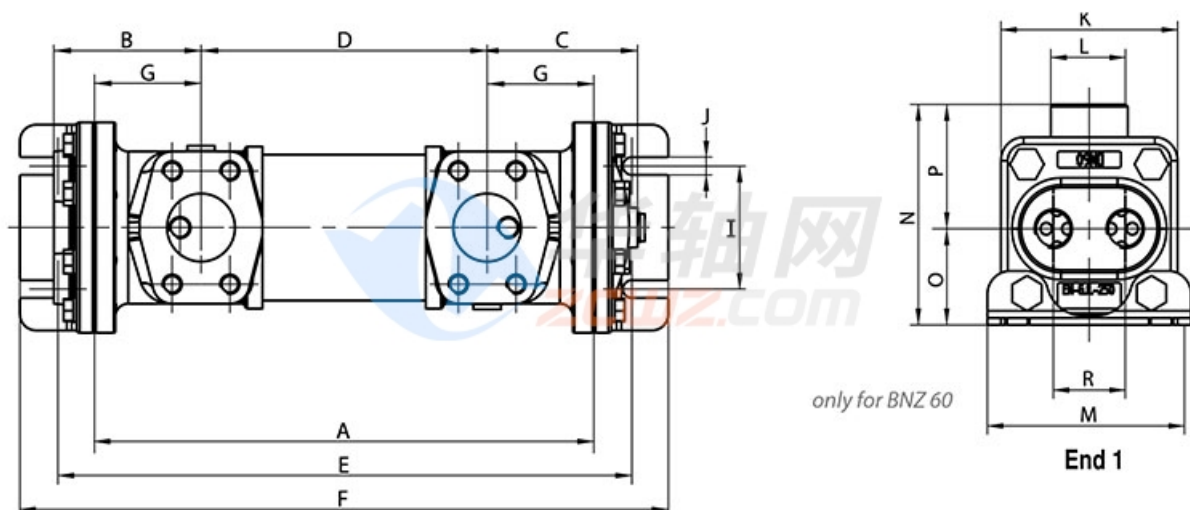
Dimensional Data

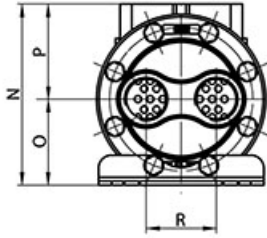
Oil Port Size	G 1 1/2		
Drain Plug (S)	G 1/4		
Test Port (T)	G 1/4		
Dimension A	920.00 mm 36.220 in		
Dimension B	109.50 mm 4.310 in		
Dimension C	101.50 mm 4.000 in		
Dimension D	767.00 mm 30.200 in		
Dimension E	985.00 mm 38.780 in		
Dimension F	1046.00 mm 41.180 in		
Dimension G	76.50 mm 3.010 in		
Dimension H	21.00 mm 0.830 in		
Dimension I	102.00 mm 4.020 in		
Dimension J	11.00 mm 0.430 in		
Dimension K	165.00 mm 6.500 in		
Dimension L	103.00 mm 4.060 in		
Dimension M	165.00 mm 6.500 in		
Dimension N	194.00 mm 7.640 in		
Dimension O	102.00 mm 4.020 in		
Dimension P	92.00 mm 3.620 in		
Dimension R	60.00 mm 2.360 in		

Dimension S	62.00 mm 2.440 in	
Dimension T	35.00 mm 1.380 in	
Dimension U	128.00 mm 5.040 in	
Cubic inches	2044.99880 in ³	
Performance Data		
Max. Operating Pressure - Tube Side	230.00 psi	
Temperature	95.00 °C	
Max. Flow Rate	330.00 L/min 87.00 gal/min	
BNZ Cooler Stacks		
BNZ Cooler Stacks	<ul style="list-style-type: none"> • Tubes with aluminum fins provide extended cooler surface for additional cooler capacity in a compact package • Aluminum fins are mechanically bonded to the tubes using a tube expansion process proprietary to Lovejoy • Baffle plates are added to provide flow restriction for routing hot oil for the proper number of cooling passes • Copper tubes are standard <ul style="list-style-type: none"> ○ Copper Nickel or Stainless Steel tubes optional 	
Optional Materials		
Optional Materials	<ul style="list-style-type: none"> • Tubes: Copper Nickel / Stainless Steel 1.4404 (AISI316L) • End Cover: Stainless Steel 1.4408 (AISI316) • Fins: Copper / Stainless Steel 1.4304 (AISI304) • Tube Sheet: Stainless Steel 	
Port Options		
Port Options	<ul style="list-style-type: none"> • SAE • NPT • BSPP 	
Features		

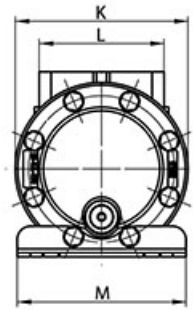
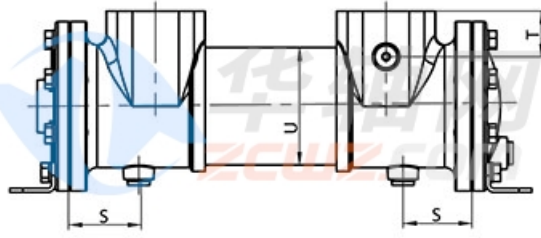
Features	<ul style="list-style-type: none"> • Compact size – "Shell and Tube Design" • Extended cooling surface • Low pressure drop – high efficiency • Heat removal up to 600 hp (500 kW) • Oil flow rates up to 225 GPM (850 l/min) • Removable end caps for easy cleaning • Close-tolerance port face locations • Interchangeable with Thermal Transfer EK series • 100% pressure tested, leak-free performance • Design flexibility <ul style="list-style-type: none"> ○ Three frame sizes to choose (BNZ 60, 80 and 125) ○ Customized lengths available ○ NPT, SAE, BSPP and flange port options ○ Mounting may be rotated in 90 degree increments ○ Optional materials for increased corrosion protection
Notes	
Notes	<ul style="list-style-type: none"> • Production tolerances for above dimensions above may vary by up to +/- .079 in (2mm). • BSPP Oil Ports only available with BSPP Coolant Ports • O-Ring, NPT and Flange Oil Ports only available with NPT Coolant Ports • Above models are with standard copper tubes, aluminum fins, standard black paint, and individually boxed

TIMKEN 84527103348图片展示





End 1



End 2