

TC Series

Screw connect tipper couplers Tipper Truck Quick Coupling

Introduction

AKJia's TC Series screw connect tipper couplers are designed for use on tipper trucks. The female coupler has a wing nut sleeve which enables operators to connect the couplers by hand, even when there is low residual pressure in the line.

Construction

- Carbon steel with trivalent plating
- Fitted with Nitrile seals

Features

- Screw connect design eliminates brinelling
- Wing nut sleeve design allows connection by hand
- Can be connected with up to 50 bar residual pressure in the hydraulic circuit
- Bidirectional flow
- Male has external thread for bulkhead mounting

Application

- Tipper trucks
- Commercial vehicle trailers, agricultural equipment and construction plant
- Mobile plant

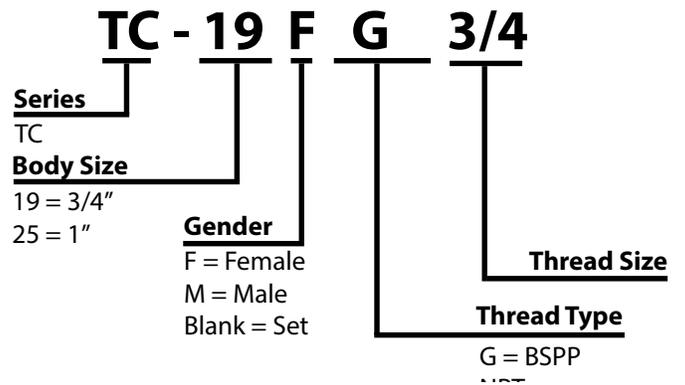


Specifications

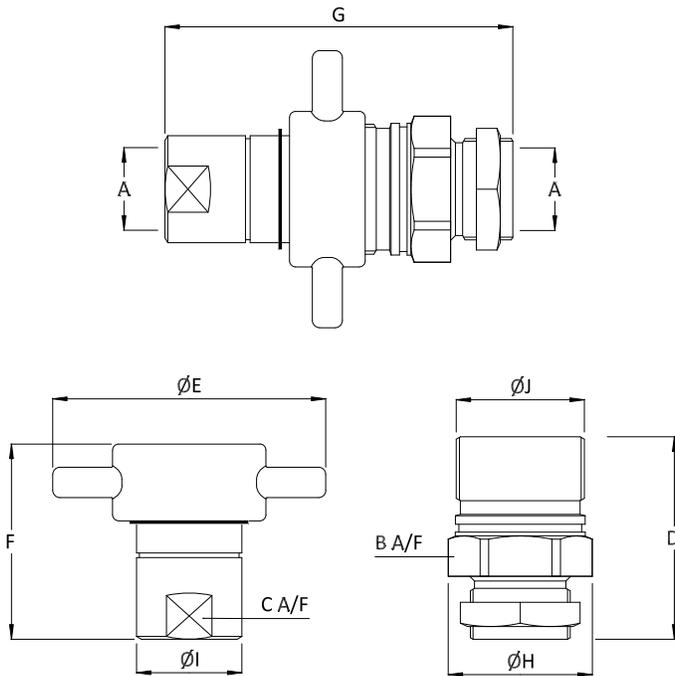
Seal Material	Min. Temp		Max. Temp	
	-40°C	-40°F	106°C	223°F
Nitrile seals*				



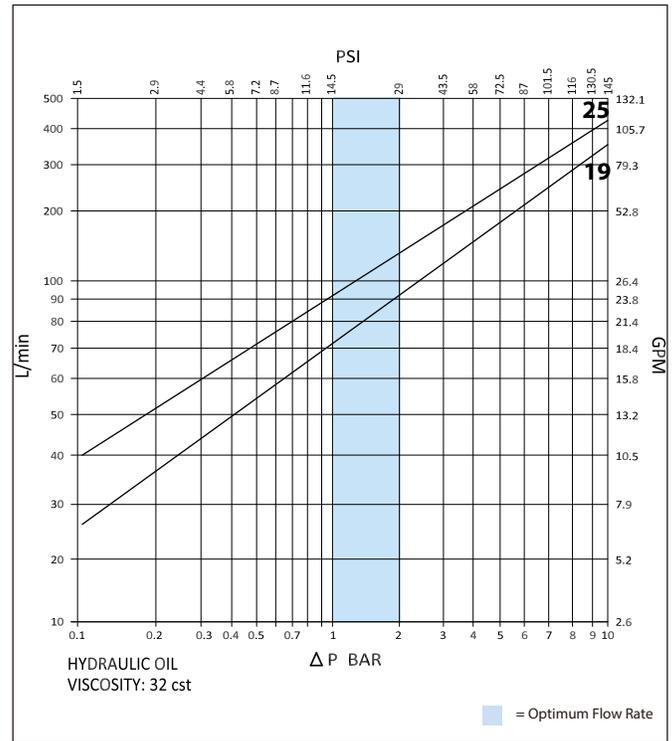
Product Number Naming Rules



Drawing



Pressure Drop Characteristics



Size	Thread Size (A)	B	C	D	ØE	F	G	ØH	ØI	ØJ	Maximum Working Pressure	Burst Pressure (coupled)	Burst Pressure (Male)	Burst Pressure (Female)
		Dimensions in mm									Bar			
		Dimensions in inches									Psi			
TC-19	3/4"	46	33	78	114	74.5	132.5	51.5	37	44.5	350	1325	1100	1300
		1.8	1.3	3.1	4.5	2.9	5.2	2	1.5	1.8	5075	19213	15950	18850
TC-25	1"	55	40	83.5	114	80	144.8	60.5	44	53.5	300	1325	1200	900
		2.2	1.6	3.3	4.5	3.1	5.7	2.4	1.7	2.1	4350	19213	17400	13050