



Nominal Diameter

TEMA Series

10/12.5/25

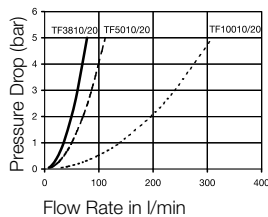


TF3800/5000/10000

60% of actual size



Flow Capacity Viscosity for 32cSt at 40°C as per ISO 7241/2-2000



Technology

With the combination of high temperature sealing, FlatFace-design, stainless steel material and single-hand operation, Rectus is setting a new standard in the field of thermo-oil applications. This coupling system ensure a safe and clean connecting and disconnecting process. Easy cleaning for carbonized residues. Long-term functionality is guaranteed.

Advantages

Splash proved, dry-break due to the FlatFace-design, no trapped air and dirt, single handed operation.

Applications

Engineering
Plastics Processing
Foundries

Available Valves



Working Pressure

max. 20 bar

Working Temperature

up to +300°C

Tested for most standard synthetic high temperature oils.

Material

Coupling

Coupling Body	1.4401
Sleeve	1.4401
Valve	1.4401
Springs	1.4310
Locking Balls	1.3541
Seals	FFKM Special compound
Valve Holder	1.4401
Thread Body	1.4401

Plug

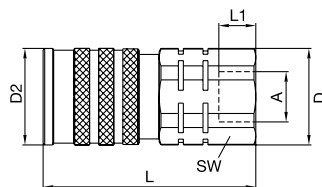
Plug Connection Face	1.4401
Valve	1.4401
Valve Holder	1.4401
Springs	1.4310
Seals	FFKM Special compound
Thread Body	1.4401

Standard Version

Pressure (Coupling/Plug)	3810/20	5010/20	10010/20
Bursting Pressure coupled	> 200 bar	> 200 bar	> 200 bar
Working Pressure uncoupled	20 bar	20 bar	20 bar

Couplings

TEMA Series TF3800



Female Thread

Size	Connection A	Hex SW	L mm	L1 mm	D mm	D2 mm	Working Press. coupled in bar	Version	Seal	Part Number	DS
3/8"	G 3/8	30	71	12	32	32	20	Standard	FFKM	TF3810	■
1/2"	G 1/2	36	78	14	40	38	20	Standard	FFKM	TF5010	■
1"	G 1	55	105	18	60	55	20	Standard	FFKM	TF10010	■

DS = Delivery Status: ■ in stock

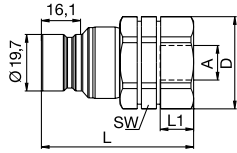
□ on short call

▣ medium term delivery

Plugs

TEMA Series TF3800

Size	Connection A	Hex SW	L mm	L1 mm	D mm	Working Press. coupled in bar	Version	Seal	Part Number	DS
3/8"	G 3/8	30	58	12	32	20	Standard	FFKM	TF3820	■
1/2"	G 1/2	36	69	14	40	20	Standard	FFKM	TF5020	■
1"	G 1	55	89	18	60	20	Standard	FFKM	TF10020	■



Female Thread

Seals for Plugs

TEMA Series TF3800

Material	Part Number	DS
FFKM	TF3800-PSP	■ □
FFKM	TF5000-PSP	■ □
FFKM	TF10000-PSP	■ □