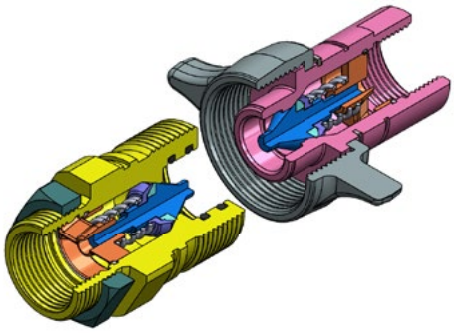
POPPET SCREW - EST SERIES





TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Screw to Connect

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel

Working Temperature
-20 °C / +100 °C

Interchange
Market

How to Connect
Screw

Operating Pressure
Up to 350 Bar

Available Threads
BSP

Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed

Available Sizes
From 3/4" to 1"

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

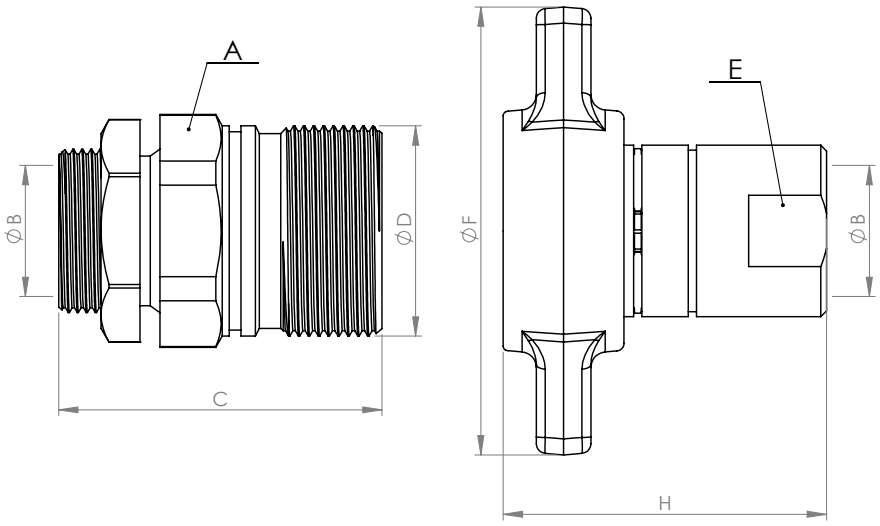
INFORMATION

- Screw to connect design eliminates brinelling.
- Connection under residual pressure is allowed on both sides.
- Disconnection under residual pressure is allowed.
- Top quality elastomer seals provide maximum sealing.
- Male has external thread for bulkhead mounting.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
19	EST-20A-G34	FEMALE	BSPP	A	46	1,81	3/4''	D	44,4	1,75	C	78	3,07	0,72	1,587
	EST-20B-G34	MALE	BSPP	E	33	1,3	3/4''	F	115	4,53	H	78	3,07	0,83	1,83
25	EST-25A-G1	FEMALE	BSPP	A	55	2,17	1"	D	54	2,13	C	83	3,27	0,89	1,962
	EST-25B-G1	MALE	BSPP	E	40	1,57	1"	F	115	4,53	H	83	3,27	0,85	1,874

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
19	35	5076	35	5076	35	5076	132,5	19213	130	18850	110	15950
25	30	4351	30	4351	30	4351	132,5	19213	90	13050	120	17400

BODY SIZE	RATED FLOW			FLUID LOSS PER DIS-CONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM	ml	N	lbf	N	lbf
19	220	106	23,34	9,3	2,5	1,84	2,2	1,62
25	270	189	41,62	15	3	2,22	2,5	1,84