



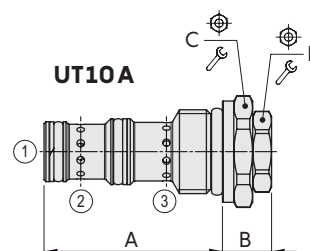
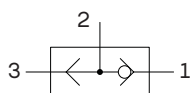
UT..A type shuttle valves – 3 way

- Shuttle valve
- Direct acting
- From SAE08 to SAE10 cavities

Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C (104°F) temperature.

	UT08A	UT10A
Nominal flow	15 l/min (4 US gpm)	up to 20 l/min (5.3 US gpm)
Max. pressure	350 bar (5100 psi)	
Oil leakage	at 210 bar (3050 psi)	0.50 cm ³ /min (0.030 in ³ /min)
Fluid	mineral based or synthetic hydraulic fluid with lubricating properties	
Viscosity	10–200 cSt	
Max level of contamination	20/18/14 ISO4406	
Fluid temperature	with NBR seals+PTFE with FPM seals	from -25°C (-13°F) to 90°C (194°F) from -20°C (-4°F) to 110°C (230°F)
Environmental temp. for working conditions	from -20°C (-4°F) to 60°C (140°F)	
Cavity	SAE 08/3	SAE 10/3
Weight	0.80 kg (0.18 lb)	0.100 kg (0.22 lb)

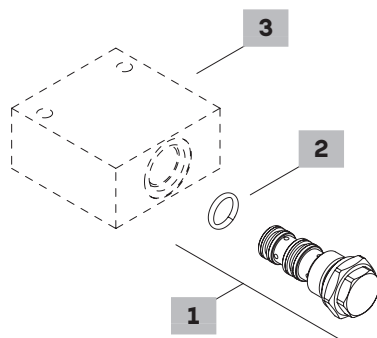
NOTE – For different conditions, please contact Walvoil Sales Dpt.



Valve type	A		B		C		D	
	mm	in	mm	in	Nm	lbft	Nm	lbft
UT08A	40.8	1.60	12.5	0.49	24	30	22	19
UT10A	47.2	1.86	13	0.51	27	50	37	19

Ordering codes and description composition

UT08A/000B



1 Cartridges

TYPE	CODE	DESCRIPTION
SAE cavity 08/3		
UT08A/000B	OUT08002000	Valve assembly
SAE cavity 10/3		
UT10A/000B	OUT10002000	Valve assembly

2 Seals

TYPE	DESCRIPTION
B	NBR (Buna)+PTFE o-ring seals, std configuration
V	FPM (Viton) o-ring seals, contact Sales Dept

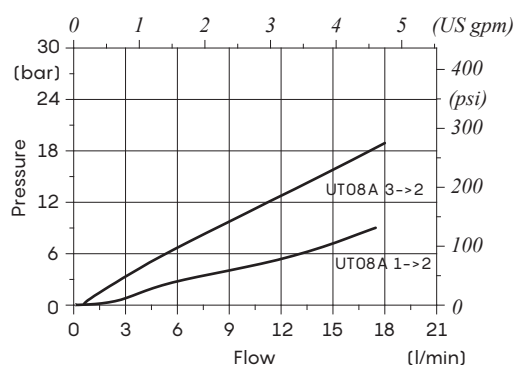
3 Valve body

TYPE	CODE	DESCRIPTION
SAE08/3-G 1/4	3CC0830B11	Aluminium body for cavity 08 valve, G 1/4 std thread
SAE10/3-G 3/8	3CC1030C11	Aluminium body for cavity 10 valve, G 3/8 std thread

Note: aluminium body can stand up to 210 bar (3050 psi)
For steel bodies or different threading see from page 210

Rating diagrams

UT08A pressure drop vs flow



UT10A pressure drop vs flow

