

LMC SWIVEL DESIGN

8" TOROIDAL SWIVEL

Design Pressure 5000psi
Single / Dual Inlet Path Configuration
Triple Seal Configuration
On-unit Spare Seal Storage possible
All Duplex Material (no overlaying required)
Design allows in-situ replacement of seals
ABS & DNV Certified

8" IN-LINE SWIVEL

Design Pressure 3000psi
Triple Seal Configuration
All Duplex Material (no overlaying required)
All forged constituents
Design allows in-situ replacement of seals
ABS Certified

5 PATH UTILITY SWIVEL

Design Pressure 5000psi
Double Seal Configuration
All Duplex Material (no overlaying required)
All forged constituents
ABS and DNV Certified

24" BUOY-TYPE SWIVEL

Design Pressure 435psi
Double Seal Configuration



SWIVEL TRACK RECORD AND EXPERIENCE

PROJECT	CLIENT / END CLIENT	SWIVEL TYPE	SIZE	NO. OFF	PRESSURE RATING	PROJECT PRESSURES	SERVICE FLUID
RATU SONKHLA FSO	M3 ENERGY / CPOC	UTILITY SWIVEL	3 X 3/4"	1	105BARG	DESIGN: 105BARG (MAX) OPERATING: 105BARG (MAX)	HYDRAULIC OIL / HC VENT GAS
		IN-LINE SWIVEL	8"	1	30BARG	DESIGN: 30BARG OPERATING: 7BARG	CONDENSATE OIL
PERISAI KAMELIA FPSO	EOCP / HESS	DOUBLE PATH TOROIDAL SWIVEL	2 X 8"	1	345BARG	DESIGN: 35BARG OPERATING: 27BARG	PRODUCED HC GAS (WITH CONDENSATE)
		UTILITY SWIVEL	5 X 3/4"	1	345BARG	DESIGN: 10BARG (MAX) DESIGN: 9BARG (MAX)	INSTRUMENT AIR / HC VENT GAS
		IN-LINE SWIVEL	8"	1	207BARG	DESIGN: 143.5BARG OPERATING: 125BARG	PROCESSED HC GAS (EXPORT)
FSO SUKSAN SALAMANDER	TEEKAY / SALAMANDER ENERGY	TWO PRODUCT BUOY TYPE SWIVEL	2 X 6"	1	20BARG	DESIGN: 16BARG OPERATING: 13BARG	CRUDE OIL / PRODUCED WATER
		UTILITY SWIVEL	3 X 1/2"	1	20BARG	DESIGN: 10BARG (MAX) OPERATING: 9BARG (MAX)	INSTRUMENT AIR / HC VENT GAS
GAZA FSO (SLOUG REPLACEMENT)	EAMC / MOG	DOUBLE PATH TOROIDAL SWIVEL	2 X 8"	3	345BARG	DESIGN: 24BARG OPERATING: 16.2BARG	CRUDE OIL
		UTILITY SWIVEL	5 X 3/4"	1	345BARG	DESIGN: 24BARG (MAX) OPERATING: 8BARG (MAX)	INSTRUMENT AIR / HC VENT GAS