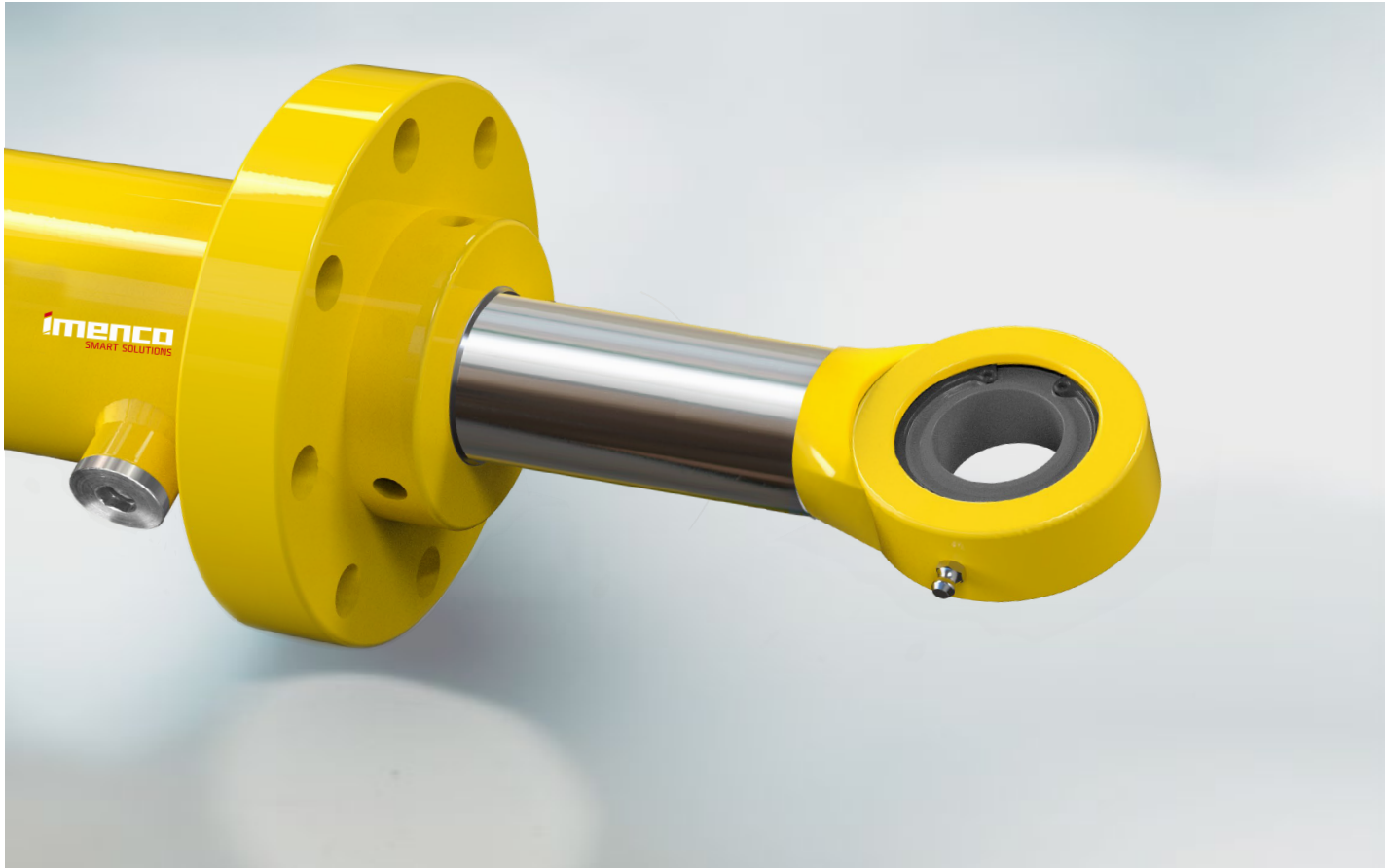


# MO21F - With Flange



Subsea cylinders with  
working pressure up to 210  
bar

Imenco has developed and manufactured hydraulic cylinders for the oil and gas industry for a variety of applications in nearly 40 years. Our standard cylinder program forms the basis for adaptation of our customized cylinders. Final specifications and materials, as well as buckling calculations, sizing and choice of attachments are agreed upon for each project. Pressure and function tests are carried out for each cylinder before delivery, and documentation is prepared in accordance with the project specifications.

For further information, email  
[imenco.hydraulics@imenco.com](mailto:imenco.hydraulics@imenco.com)

# MO21F - With Flange

All our standard cylinders are designed for subsea use and 210 bar working pressure. Designed and calculated according to DNV 2.9

D	D1	D2	A1	A2	B	C	E	H	I	J	K	M	N	O	P	D3	D4	F
25	12	35	37	63	Ø12	32,5	R 1/4"	20	33	10	25	10	12	30	Ø6,3 (8X)	85	70	12
	16	35	37	63	Ø12	32,5	R 1/4"	20	33	10	25	10	12	30	Ø6,3 (8X)	85	70	12
32	16	42	44	65	Ø15	36	R 1/4"	20	38	12	32	12	15	40	Ø8,3 (8X)	100	82	16
	20	42	44	65	Ø15	36	R 1/4"	20	38	12	32	12	15	40	Ø8,3 (8X)	100	82	16
40	20	50	55	70	Ø20	41	R 3/8"	20	45	15	40	16	20	50	Ø8,3 (8X)	105	91	16
	25	50	55	70	Ø20	41	R 3/8"	20	45	15	40	16	20	50	Ø8,3 (8X)	105	91	16
50	25	60	60	83	Ø25	46	R 3/8"	20	48	15	45	20	25	60	Ø10,5 (8X)	130	106	20
	30	60	60	83	Ø25	46	R 3/8"	20	48	15	45	20	25	60	Ø10,5 (8X)	130	106	20
65	30	80	77	93	Ø30	57	R 1/2"	22	58	20	55	22	30	70	Ø12,5 (8X)	150	125	25
	40	80	77	93	Ø30	57	R 1/2"	22	58	20	55	22	30	70	Ø12,5 (8X)	150	125	25
80	40	95	87	104	Ø35	64,5	R 1/2"	27	65	25	65	25	32	80	Ø16,5 (8X)	175	145	32
	50	95	87	104	Ø35	64,5	R 1/4"	27	65	25	65	25	32	80	Ø16,5 (8X)	175	145	32
100	50	115	105	136	Ø50	77,5	R 3/4"	30	89	30	83	35	40	106	Ø21 (8X)	220	180	32
	60	115	105	136	Ø50	77,5	R 3/4"	30	89	30	83	35	40	106	Ø21 (8X)	220	180	32
125	60	140	117	144	Ø60	90	R 3/4"	35	89	30	95	44	50	130	Ø21 (8X)	250	210	32
	70	140	117	144	Ø60	90	R 3/4"	35	89	30	95	44	50	130	Ø21 (8X)	250	210	32
	80	140	117	144	Ø60	90	R 3/4"	35	89	30	95	44	50	130	Ø21 (8X)	250	210	32
140	70	160	128	165	Ø70	100	R 3/4"	36	95	30	103	49	60	146	Ø21 (8X)	270	230	36
	80	160	128	165	Ø70	100	R 3/4"	36	95	30	103	49	60	146	Ø21 (8X)	270	230	36
	90	160	128	165	Ø70	100	R 3/4"	36	95	30	103	49	60	146	Ø21 (8X)	270	230	36
160	80	180	138	168	Ø80	115	R 1"	41	97	30	113	55	70	166	Ø21 (8X)	295	255	36
	90	180	138	168	Ø80	115	R 1"	41	97	30	113	55	70	166	Ø21 (8X)	295	255	36
	100	180	138	168	Ø80	115	R 1"	41	97	30	113	55	70	166	Ø21 (8X)	295	255	36
180	90	200	148	180	Ø90	125	R 1"	43	106	30	123	60	80	186	Ø25 (8X)	330	285	45
	100	200	148	180	Ø90	125	R 1"	43	106	30	123	60	80	186	Ø25 (8X)	330	285	45
	110	200	148	180	Ø90	125	R 1"	43	106	30	123	60	80	186	Ø25 (8X)	330	285	45
200	100	230	158	190	Ø100	140	R 1"	52	111	30	133	70	90	206	Ø25 (8X)	360	315	45
	110	230	158	190	Ø100	140	R 1"	52	111	30	133	70	90	206	Ø25 (8X)	360	315	45
	125	230	158	190	Ø100	140	R 1"	52	111	30	133	70	90	206	Ø25 (8X)	360	315	45
220	110	254	168	202	Ø110	152	R 1"	57	127	30	143	70	100	226	Ø32 (8X)	402	347	56
	125	254	168	202	Ø110	152	R 1"	57	127	30	143	70	100	226	Ø32 (8X)	402	347	56
	140	254	168	202	Ø110	152	R 1"	57	127	30	143	70	100	226	Ø32 (8X)	402	347	56
250	125	298	183	212	Ø120	174	R 1"	66	132	30	158	85	120	256	Ø32 (8X)	465	395	56
	140	298	183	212	Ø120	174	R 1"	66	132	30	158	85	120	256	Ø32 (8X)	465	395	56
	160	298	183	212	Ø120	174	R 1"	66	132	30	158	85	120	256	Ø32 (8X)	465	395	56

