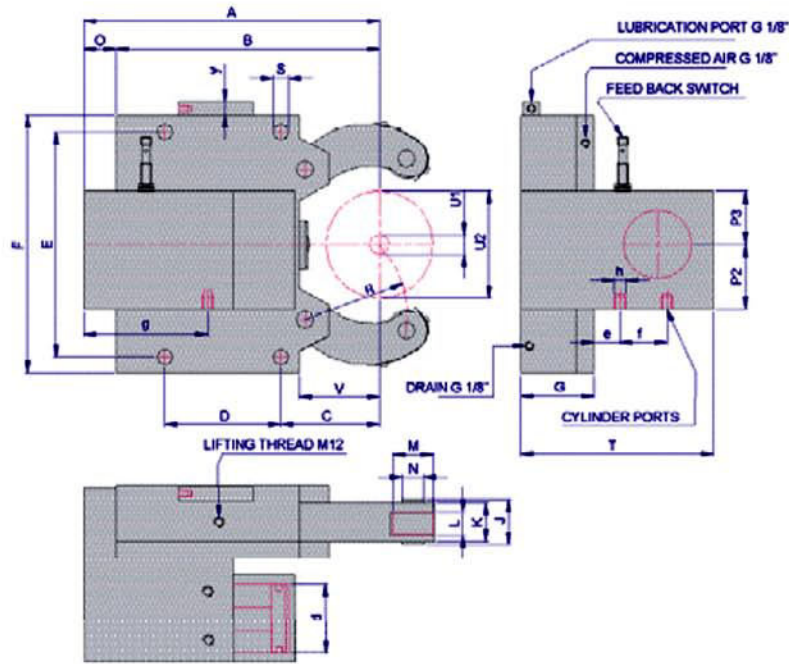


Model: FRUB



STEADY TYPE



Standard Features:

- Safety Valve
- Provision for max. opening feedback
- 1 set swarf guard 3-piece
- Provision for compressed air connection
- Provision for centralized lubrication

	FRUB3	FRUB3.1	FRUB3.2	FRUB4	FRUB5	FRUB5.1	FRUB6	FRUB7	FRUB8
A	348	356	405	480	613	632.5	823	1001.5	1130
B	308	316	332	437	500	520	709	898	1019
C	115	123	138	146	178	198	215	320	375
D	135	135	135	240	270	270	330	440	500
E	262	262	262	365	400	400	610/640	650	855
F	290	290	290	400	450	450	680	720	930
G	85	85	85	110	115	145	145	162	190
J	52	52	52	67	88.5	83	83	96	110
K	45	45	45	60	75	75	75	82	100
L	25	25	25	25	20	29	20	32	32
M	47	47	47	52	62	62	80	100	100
N	25	25	25	32	40	36	43	55	60
O	40	40	73	43	113.3	112.5	114	103.5	111
P2	76	75	75	85	86	85	124	130	130
P3	39	58	58	68	86	85	91	130	130
R	117.3	124	139	172	269	236	200	390	402
S	16	18	18	23	23	23	27	27	35
T	109	198	199	248	326	326	380	415	487
V	91.5	99.5	103	128	160	180	182	292	290
Y	19	19	19	19	20	25	27	27	27
U1	12	20	50	30	50	85	125	200	230
U2	152	165	200	245	310	350	460	530	630
U1	21	20	50	30	50	85	125	200	230
U2	152	165	200	245	310	350	460	530	630
Cylinder bore.	d	80	80	100	100	100	100	150	150
	e	58	58	68	113.5	113.5	155.3	160	191.5
	f	27	27	27	39	39	48.5	58.5	51.5
	g	180	180	220	270	260	430	450	450
Hyd. Connection Min./ Max. (BSP)	h	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Operating pressure. Min./ Max	bar	8/60	8/60	8/45	8/60	8/60	8/70	8/70	8/70
Max. clamping force/ roller	daN	1000	1000	1000	1500	2000	3000	4000	4000
Clamping press./roller at 15 bar	daN	250	250	250	400	400	600	880	880
Centering accuracy over the whole clamping range.	mm	0.04	0.04	0.04	0.05	0.06	0.06	0.08	0.08
Repaetibility	mm	0.007	0.007	0.007	0.007	0.01	0.01	0.02	0.02
Max.peripheral speed	m/min	725	725	725	715	700	700	250	250
Weight Approx.	kg	42	42	43	106	175	480	1000	1300