



HYDRAULICS

"Engineering Africa"



**AFRICA'S LARGEST
REMANUFACTURER
OF HYDRAULIC EQUIPMENT**



HEAD OFFICE: KILLARNEY GARDENS, CAPE TOWN

ADDRESS: PO BOX 561, MILNERTON, 7435

TEL: +27 21 556-3232 FAX: +27 21 557 9948

Website: www.pexhydraulics.com

email: sales@pex.co.za or admin@pex.co.za

PEX FOUNDRY

TEL: +27 21 556 3234

FAX: +27 21 556 3235

PEX MANUFACTURING

TEL: +27 21 556 4005

FAX: +27 21 556 4006

JOHANNESBURG

TEL: +27 11 882-8413

FAX: +27 11 882-8428

RICHARDS BAY

TEL: +27 351 973230

FAX: +27 351 974629

ZAMBIA

TEL: (092602) 210292

FAX: (092602) 210293

ZIMBABWE

TEL: (092634) 755783

FAX: (092634) 772876

DURBAN

TEL: +27 31 705-5050

FAX: +27 31 705-5298 8

SPRINGBOK

TEL: + 27 27 71 81156

FAX: + 27 27 71 81157

MAURITIUS

TEL: (09230) 2080468

FAX: (09230) 2086357

AUSTRALIA

TEL: (09617) 327-29633

FAX: (09617) 327-29634

1 kPa = 0.01 bar

1 Mpa = 10.00 bar

1 kPa = 0.145 P.S.I.

1 kg/cm = 14.223 P.S.I.

kg/cm = 1.00 at

1 P.S.I. = 6.895 kPa

kPa	Mpa	bar	kg/cm ²	P.S.I.	kPa	Mpa	bar	kg/cm ²	P.S.I.
5	0.005	0.05	0.05	0.73	29000	29	290	296	4205
10	0.01	0.1	0.10	1.45	30000	30	300	306	4350
25	0.025	0.25	0.02	3.63	31000	31	310	316	4495
50	0.05	0.5	0.51	7.25	32000	32	320	326	4640
75	0.075	0.75	0.76	10.88	33000	33	330	337	4705
100	0.1	1	1.02	14.5	34000	34	340	347	4930
200	0.2	2	2.04	29.0	35000	35	350	357	5075
300	0.3	3	3.06	43.5	36000	36	360	367	5220
400	0.4	4	4.08	58	37000	37	370	377	5365
500	0.5	5	5.10	72.5	38000	38	380	387	5510
600	0.6	6	6.12	87	39000	39	390	398	5655
700	0.7	7	7.14	102	40000	40	400	408	5800
800	0.8	8	8.16	116	41000	41	410	418	5945
900	0.9	9	9.18	131	42000	42	420	428	6090
1000	1	10	10.2	145	43000	43	430	438	6235
2000	2	20	20.4	290	44000	44	440	449	6380
3000	3	30	30.6	435	45000	45	450	459	6525
4000	4	40	40.8	580	46000	46	460	469	6670
5000	5	50	51.0	725	47000	47	470	479	6815
6000	6	60	61.2	870	48000	48	480	489	6960
7000	7	70	71.4	1015	49000	49	490	500	7105
8000	8	80	81.6	1160	50000	50	500	510	7250
9000	9	90	91.8	1305	51000	51	510	520	7395
10000	10	100	102	1450	52000	52	520	530	7540
11000	11	110	112	1595	53000	53	530	540	7685
12000	12	120	122	1740	54000	54	540	551	7830
13000	13	130	133	1885	55000	55	550	561	7975
14000	14	140	143	2030	56000	56	560	571	8120
15000	15	150	152	2175	57000	57	570	581	8265
16000	16	160	163	2320	58000	58	580	591	8410
17000	17	170	173	2465	59000	59	590	602	8555
18000	18	180	183	2610	60000	60	600	612	8700
19000	19	190	194	2755	61000	61	610	622	8845
20000	20	200	204	2900	62000	62	620	632	8990
21000	21	210	214	3045	63000	63	630	642	9135
22000	22	220	224	3190	64000	64	640	653	9280
23000	23	230	235	3335	65000	65	650	663	9425
24000	24	240	245	3480	66000	66	660	673	9570
25000	25	250	255	3625	67000	67	670	683	9715
26000	26	260	265	3770	68000	68	680	693	9860
27000	27	270	275	3915	69000	69	690	704	10005
28000	28	280	286	4060	70000	70	700	714	10150

WE CARRY LARGE STOCKS OF SERVICE EXCHANGE UNITS