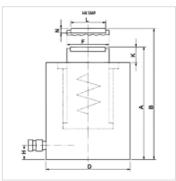


Properties	
Design	Hardened valvehead hard chrome-plated pistons max. stroke 150 mm spring return
Operating pressure	max. 700 bar
Material	Steel
Scope of supply	with female quick coupling 3/8"-18 NPT





Note

Attention: Please observe separate safety precautions for working with 700 bar equipment (see technical information)!

Description

Flat cylinders combine compact design with maximum stroke. Ideal where space is at a premium.

Care must be taken that no lateral forces are transmitted to the guide rings.

Flat, compact design

Mounting bores for stationary applications

Ordering information

Moving thrust pieces are available on request for the HK SMP models from 30 to 100 t.

		Stroke	Area	Α	В	D	F	Н	K	L	N	Volume	Weight
(kN)	(t)	(mm)	(cm2)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(cc)	(kg)
109,0	10	40	15,9	89	129	66	36	14	2	-	-	64	2,3
214,0	20	40	31,2	101	141	90	56	14	2	-	-	125	4,7
303,0	30	40	44,2	121	161	102	60	14	2	45,5	9,0	177	8,0
486,0	50	60	70,8	125	185	127	80	16	2	61,5	11,5	425	11,0
911,0	100	60	132,7	141	201	175	110	26	2	88,0	12,0	796	23,9
911,0	100	150	132,7	254	404	175	110	26	5	88,0	11,0	1990	40,2
	214,0 303,0 486,0 911,0	109,0 10 214,0 20 303,0 30 486,0 50 911,0 100	(kN) (t) (mm) 109,0 10 40 214,0 20 40 303,0 30 40 486,0 50 60 911,0 100 60	(kN) (t) (mm) (cm2) 109,0 10 40 15,9 214,0 20 40 31,2 303,0 30 40 44,2 486,0 50 60 70,8 911,0 100 60 132,7	(kN) (t) (mm) (cm2) (mm) 109,0 10 40 15,9 89 214,0 20 40 31,2 101 303,0 30 40 44,2 121 486,0 50 60 70,8 125 911,0 100 60 132,7 141	(kN) (t) (mm) (cm2) (mm) (mm) 109,0 10 40 15,9 89 129 214,0 20 40 31,2 101 141 303,0 30 40 44,2 121 161 486,0 50 60 70,8 125 185 911,0 100 60 132,7 141 201	(kN) (t) (mm) (cm2) (mm) (mm) (mm) 109,0 10 40 15,9 89 129 66 214,0 20 40 31,2 101 141 90 303,0 30 40 44,2 121 161 102 486,0 50 60 70,8 125 185 127 911,0 100 60 132,7 141 201 175	(kN) (t) (mm) (cm2) (mm) (mm) (mm) (mm) 109,0 10 40 15,9 89 129 66 36 214,0 20 40 31,2 101 141 90 56 303,0 30 40 44,2 121 161 102 60 486,0 50 60 70,8 125 185 127 80 911,0 100 60 132,7 141 201 175 110	(kN) (t) (mm) (cm2) (mm) (mm) (mm) (mm) (mm) 109,0 10 40 15,9 89 129 66 36 14 214,0 20 40 31,2 101 141 90 56 14 303,0 30 40 44,2 121 161 102 60 14 486,0 50 60 70,8 125 185 127 80 16 911,0 100 60 132,7 141 201 175 110 26	(kN) (t) (mm) (cm2) (mm) <th< td=""><td>(kN) (t) (mm) (cm2) (mm) <th< td=""><td>(kN) (t) (mm) (cm2) (mm) <th< td=""><td>(kN) (t) (mm) (cm2) (mm) (cc) 109,0 10 40 15,9 89 129 66 36 14 2 - - 64 214,0 20 40 31,2 101 141 90 56 14 2 - - - 125 303,0 30 40 44,2 121 161 102 60 14 2 45,5 9,0 177 486,0 50 60 70,8 125 185 127 80 16 2 61,5 11,5 425 911,0 100 60 132,7 141 201 175 110 26 2 88,0 12,0 796</td></th<></td></th<></td></th<>	(kN) (t) (mm) (cm2) (mm) <th< td=""><td>(kN) (t) (mm) (cm2) (mm) <th< td=""><td>(kN) (t) (mm) (cm2) (mm) (cc) 109,0 10 40 15,9 89 129 66 36 14 2 - - 64 214,0 20 40 31,2 101 141 90 56 14 2 - - - 125 303,0 30 40 44,2 121 161 102 60 14 2 45,5 9,0 177 486,0 50 60 70,8 125 185 127 80 16 2 61,5 11,5 425 911,0 100 60 132,7 141 201 175 110 26 2 88,0 12,0 796</td></th<></td></th<>	(kN) (t) (mm) (cm2) (mm) <th< td=""><td>(kN) (t) (mm) (cm2) (mm) (cc) 109,0 10 40 15,9 89 129 66 36 14 2 - - 64 214,0 20 40 31,2 101 141 90 56 14 2 - - - 125 303,0 30 40 44,2 121 161 102 60 14 2 45,5 9,0 177 486,0 50 60 70,8 125 185 127 80 16 2 61,5 11,5 425 911,0 100 60 132,7 141 201 175 110 26 2 88,0 12,0 796</td></th<>	(kN) (t) (mm) (cm2) (mm) (cc) 109,0 10 40 15,9 89 129 66 36 14 2 - - 64 214,0 20 40 31,2 101 141 90 56 14 2 - - - 125 303,0 30 40 44,2 121 161 102 60 14 2 45,5 9,0 177 486,0 50 60 70,8 125 185 127 80 16 2 61,5 11,5 425 911,0 100 60 132,7 141 201 175 110 26 2 88,0 12,0 796

Accessories	
NY 2100	Thermoplastic extreme pressure hose
GKS	Rubber antikink protection
PNY 2100 HN	Swage nipple, AGN
PHY 2100	Swage ferrule, NY 2100
SKL HN SP	Screwed coupling, loose half
SKL ZUBS SP	Dust protection for SKLSP
SKF IN SP	Screwed coupling fixed half
SKF ZUBS SP	Dust protection for SKFSP