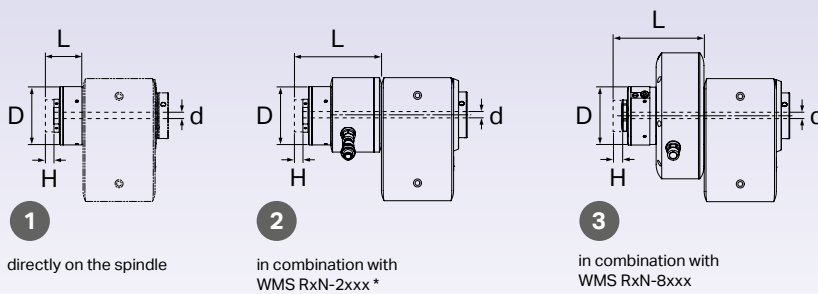


Hydraulic clamping cylinders standard

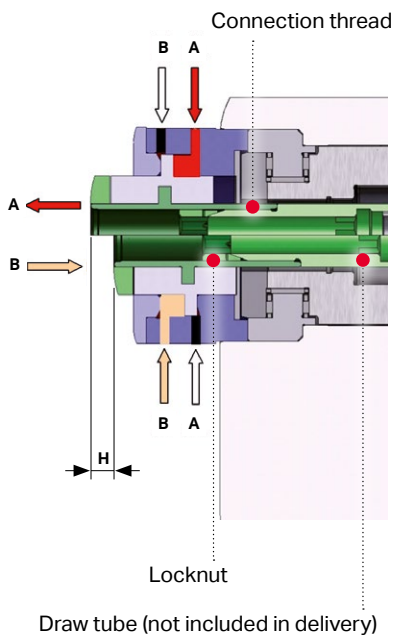


Pull force max. 23 kN by max. pressure of 120 bar

Item no.	Effective direction Designation	H [mm]	Oil [cm ³]	D [mm]	d [mm]	Connection thread	L [mm]			Weight [kg]
							1	2 *	3	
507	SPZ.5xx-d2.5	2.5	5.2	102	22	M24x1.5	60	149		2.90
	SPZ.5xx-9	9	18.8						2.85	
	SPZ.5xx-15	15							3.44	
	SPZ.507-WMS2							•		
510	SPZ.5xx-d2.5	2.5	5.2	102	22	M24x1.5	52	141	136	2.90
	SPZ.5xx-9	9	18.8						2.85	
	SPZ.5xx-15	15							3.44	
	SPZ.510-WMS2							•		
	SPZ.510-WMS7							•	0.21	
520	SPZ.520-d2.5	2.5	5.2	102	22	M24x1.5	73	165	160	3.60
	SPZ.520-9	9	18.8						3.55	
	SPZ.520-15	15							4.14	
	SPZ.520-WMS2							•		
	SPZ.520-WMS7							•		
530	SPZ.530-d2.5	2.5	5.2	102	22	M24x1.5	65	144	133	5.09
	SPZ.530-9	9	18.8						5.04	
	SPZ.530-15	15							5.63	
	SPZ.530-WMS2							•		
	SPZ.530-WMS7							•		
alle Typen	SPZ.Awk-Vor	Preparation for presence check (control box optional, SPZ.Awk)								
	SPZ.Awk	Control box for presence check, incl. 10 m of hose material and wall penetration (in conjunction with SPZ.Awk-Vor)								

* If in combination with pL accessories, only on request (only possible for stroke 2.5 mm and 9 mm)

Principle of operation



Hydraulically actuated: Force diagram 10...120 bar (compression or tension; for suitable hydraulic unit, please refer to p. 71)

