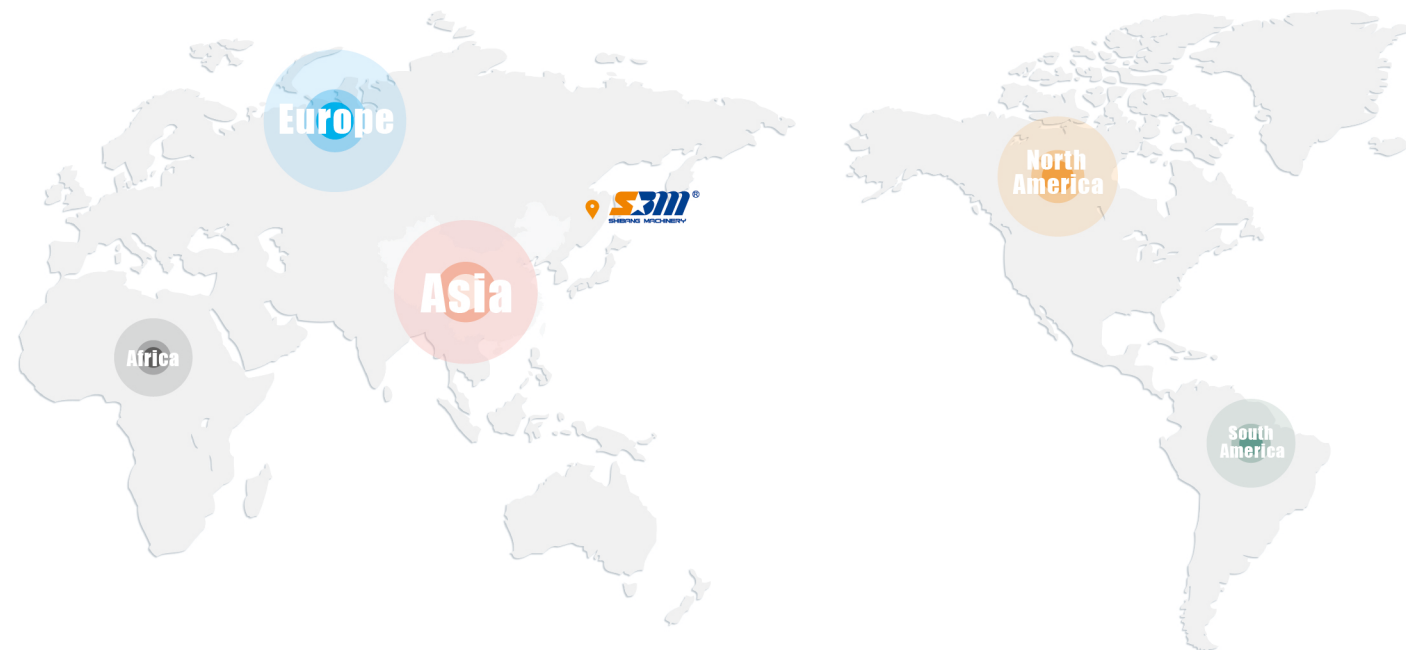


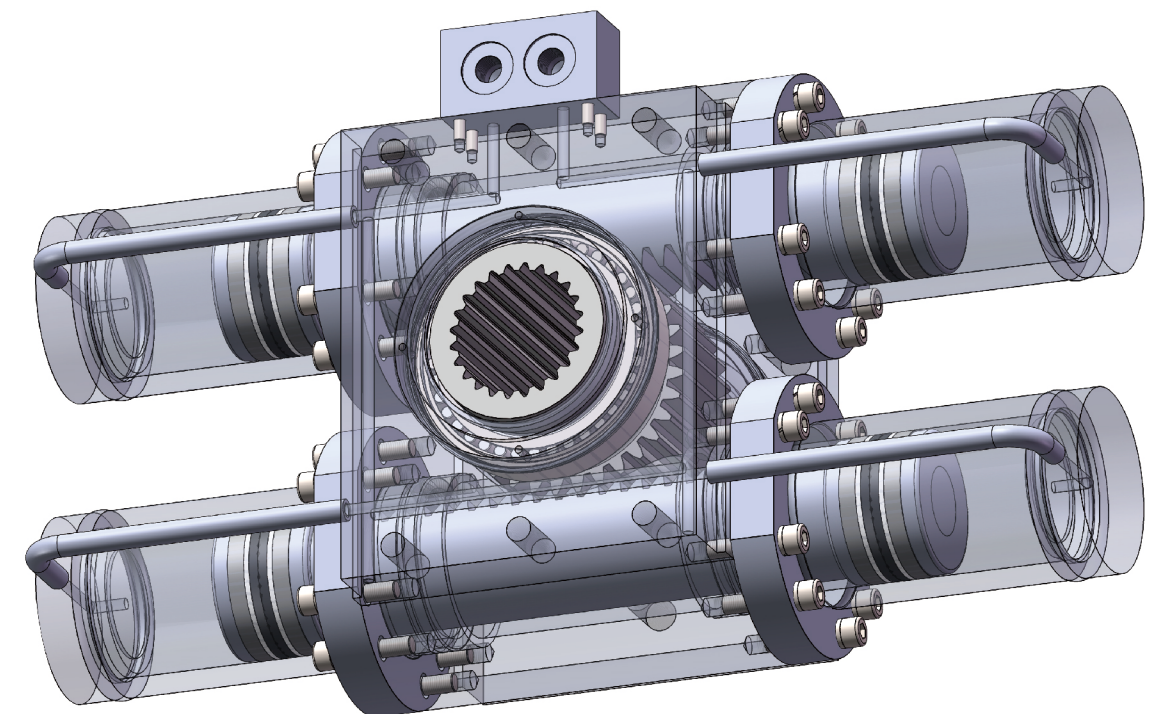


CUSTOMIZED SOLUTIONS FOR **HYDRAULIC CYLINDER**



<https://www.wxsbjx.com/en/>

The company's products are sold at home and abroad
and won the praise of customers



WUXI SHIBANG MACHINERY MANUFACTURE CO., LTD

Add: No.7 Hengtong Road Yangshan industrial district Huishan area ,Wuxi, Jiangsu, China

Tel: +86-510-85596218 / +86-15961793988

E-mail: info@wxsbjx.com / leonzhou@wxsbjx.com / feng@wxsbjx.com



WUXI SHIBANG MACHINERY MANUFACTURE CO., LTD



BRAND TRUSTWORTHY

COMPANY PROFILE

7000+ m²
Area of the factory

20+ Years
Professional manufacturing experience

ISO 9001-2015
Quality management system certification

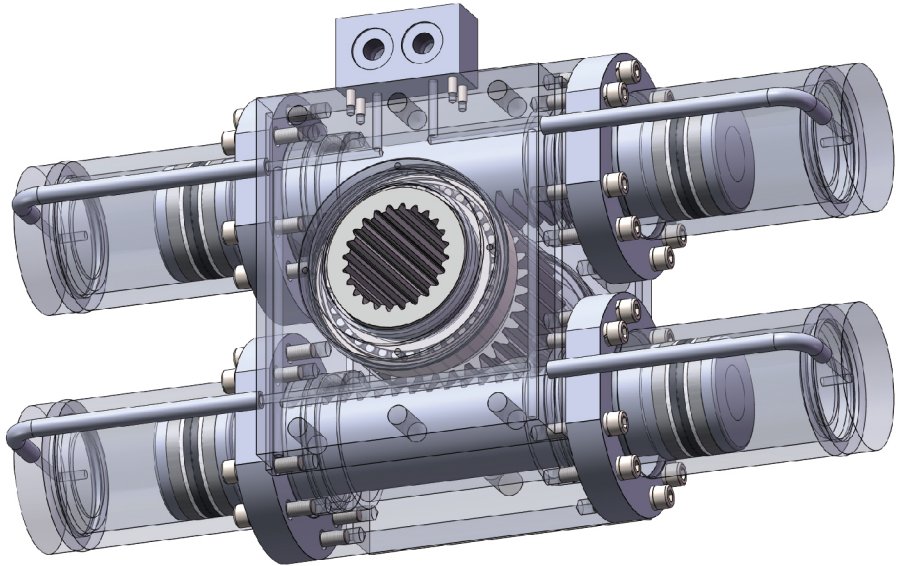
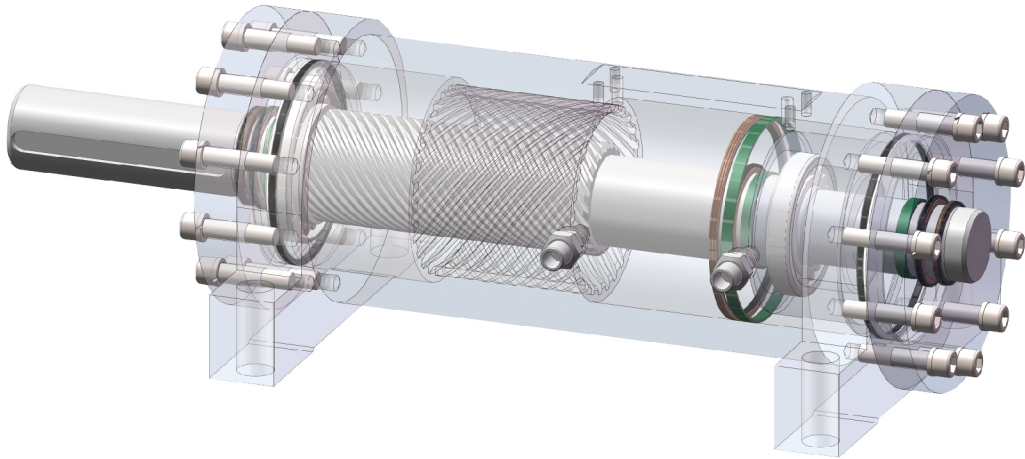
Wuxi Shibang Machinery Manufacturing Co., Ltd. has been deeply engaged in the field of hydraulic cylinder research, development and manufacturing for more than 20 years, and has established a professional hydraulic cylinder research, development center. The company is equipped with advanced production equipment and testing center to ensure product quality, committed to user experience innovation, functional innovation, material and process innovation, appearance design innovation and technological innovation, familiar with and understand the global implementation standards of hydraulic cylinders and a number of international and regional standards, to ensure that products meet the needs of global customers industry 4.0 and intelligent manufacturing.

With international production management experience, our products have successfully entered the international markets such as Europe, America and Southeast Asia. Shibang hydraulic cylinder production is widely used in engineering machinery, aerospace, shipbuilding, metallurgy, forging, valves, oil fields, mining, scientific research and military industry and many other industries, Shibang can provide customized hydraulic cylinder design. We not only focus on optimizing design solutions, but also provide comprehensive and high-quality integrated production and after-sales service. Shibang will uphold innovative technology, excellent performance, quality first, stable and reliable, help industry!

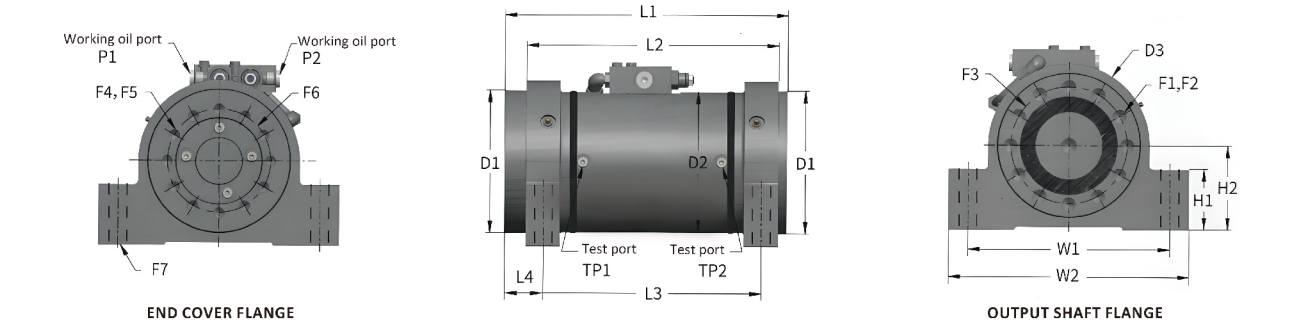
QUALIFICATION

- In 2004 passed the ISO9001 international standard quality system certification, and in 2008 won the famous brand in Jiangsu Province. In 2009, it passed the CCS quality system certification.
- In 2011, the company obtained the import and export rights of foreign trade, the company produced hydraulic cylinder, hydraulic press and other products through the EU CE certification.
- In 2022, the company obtained more than 20 "utility model patent certificates".





- Standard model according the parameters below.
- The valve block, internal spline and internal oil circuit need to be configured separately.



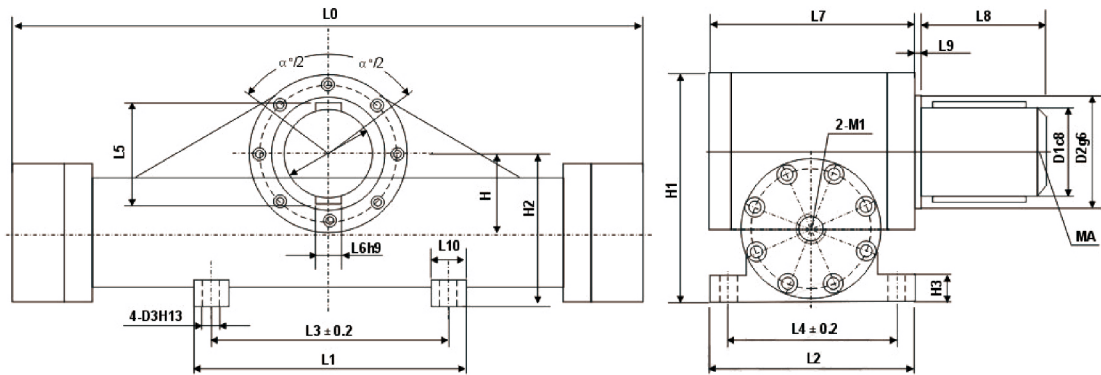
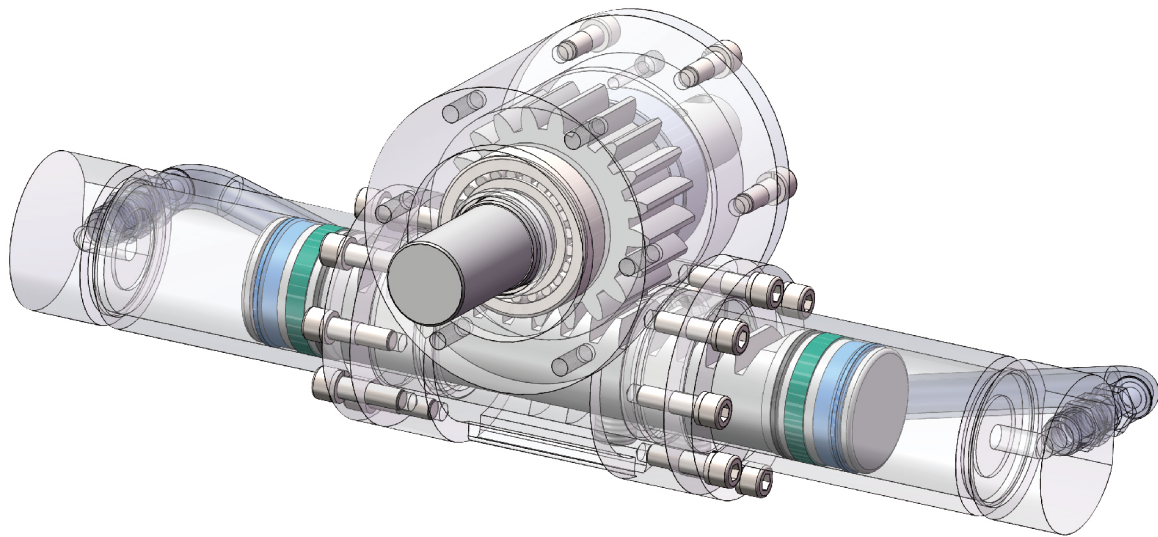
TECHNICAL PARAMETER

		Size (in mm)							
Series specification		115	130	155	180	205	225	240	265
D1(Output shaft and end cap side diameter)		139	155	183	209	234	263	288	310
D2 (Cylinder diameter)		140	152	178	203	229	254	279	305
D3(Flange diameter)		155	182	208	229	275	300	325	356
L1(Cylinder length)	180°	298	323	365	413	475	524	554	600
	360°	427	470	538	615	705	776	836	906
L2(Cylinder length)	180°	261	286	323	363	431	463	493	534
	360°	392	433	496	565	661	715	775	843
L3(Mounting hole length)	180°	229	248	281	314	374	400	426	460
	360°	358	395	454	516	604	652	708	766
L4(Distance from output shaft end face to installation hole)		38	44	50	57	60	74	76	78
F1(Output shaft thread specification)		M12 Deep18	M16 Deep24	M20 Deep30	M22 Deep33	M24 Deep36	M27 Deep40	M27 Deep40	M30 Deep45
F2(Number of output shaft threads)		12	12	12	12	12	12	12	12
F3(Output shaft thread index circle)		115	125	150	170	195	215	240	255
F4(End cap side thread specification)		M10 Deep15	M12 Deep18	M16 Deep24	M20 Deep30	M22 Deep33	M24 Deep36	M24 Deep36	M27 Deep40
F5(Number of end cap side threads)		12	12	12	12	12	12	12	12
F6(End cap side thread index circle)		108	120	133	150	170	190	210	230
F7(Mounting hole size)		18	21	23	26	26	32.5	37	39
H1(Base height)		48	70	78	88	105	110	120	135
H2(Mounting surface to axis height)		80	95	108	122	140	154	165	184
W1(Mounting hole width)		190	230	260	300	340	380	410	450
W2(Base width)		222	268	310	350	340	447	484	530

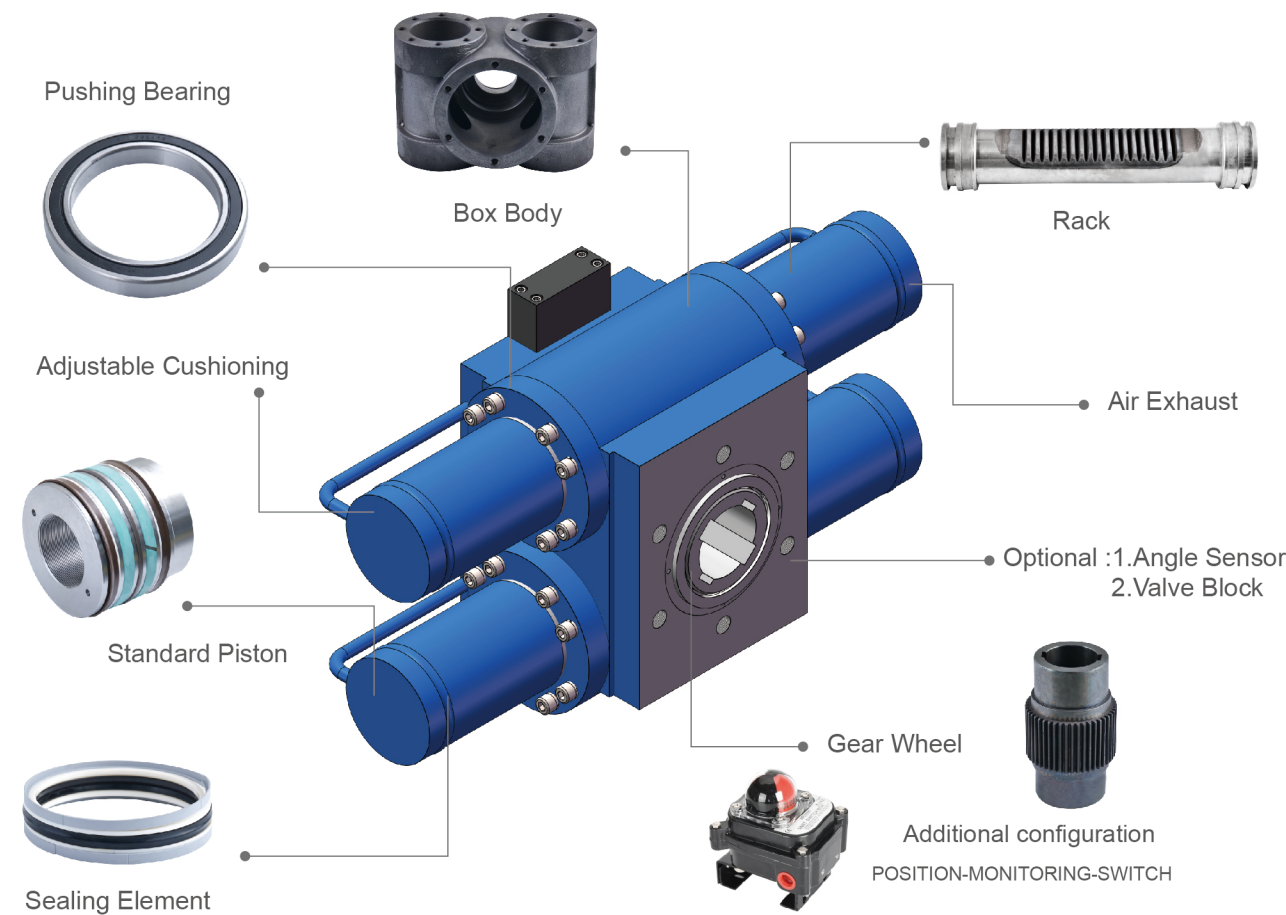
TECHNICAL PARAMETER

TECHNICAL PARAMETER																			Size (in mm)		
DA	MA max	D1	D2	H	H1	L0	L1	L2	L3	L4	L5	L6	L7	L8	L9	M1		M2			
																01	02				
40	1460	50.	95	110	210	275+1.54 a 1)	184	164	160	140	57.6	14	174	105	6	G1/2	M22X1.5	M12X20			
50	2594	60	105	132	252	288+1.75 a 1)	210	170	185	146	68.8	18	183	125	6	G1/2	M22X1.5	M12X20			
63	4532	65	115	144	274	310+1.92 a 1)	232	194	200	164	73.8	18	210	140	6	G3/4	M27X2	M16X25			
80	7974	70	125	172	327	370+2.09 a 1)	257	205	225	175	79.8	20	232	150	8	G3/4	M27X2	M16X25			
100	14952	85	145	200	380	400+2.51 a 1)	306	234	265	194	95.8	22	264	165	8	G1	M33X2	M20X30			
125	26282	90	155	232	446	464+2.83 a 1)	334	274	285	230	100.8	25	304	170	8	G1 1/4	M42X2	M24X35			
140	36634	105	180	250	482	484+3.14 a 1)	354	286	305	240	117.8	28	310	200	10	G1 1/4	M42X2	M24X35			
160	53166	120	200	280	538	511+3.49 a 1)	390	315	330	255	134.8	32	334	220	10	G1 1/2	M48X2	M30X45			
180	72668	125	220	304	596	584+3.77 a 1)	440	390	380	330	139.8	32	400	240	12	G1 1/2	M48X2	M30X45			
200	104670	140	240	340	656	611+4.40 a 1)	500	425	440	365	156.8	45	458	260	12	G1 1/2	M48X2	M30X45			
220 ³⁾	184744	145	245	400	720	1338+5.62 a 1)	600	550	520	470	2)	36	560	340	12	G1 1/2	M48X2	M36X55			
250 ³⁾	304832	165	275	510	850	1540+7.34 a 1)	700	590	620	510	2)	36	600	380	12	G1 1/2	M48X2	M36X55			
280 ³⁾	365800	175	315	600	1000	1700+8.34 a 1)	800	690	720	610	2)	45	700	420	12	G1 1/2	M48X2	M36X55			
320 ³⁾	651440	195	395	640	1060	1920+9.12 a 1)	900	790	820	710	2)	50	750	480	12	G1 1/2	M48X2	M36X55			

SINGLE GEAR RACK SWING HYDRAULIC CYLINDER



ACCESSORIES DISPLAY



* All the parts can be sold seperated.

PRODUCT APPLICATION

- **Industrial automation:**
Robot arm rotation, Fixture turnover, Material transposition.
- **Construction machinery:**
Excavator rotary platform, Crane rotary mechanism
- **Energy field:**
Hydraulic actuation of valves or gates.
- **Special equipment:**
Ship steering gear, Heavy vehicle steering system.



SERVICE ADVANTAGE



Technical specialist
docking



Technical scheme
design



Landing of technical
solutions

- Independent research and development according to customer requirements.
- Preferred material, brand guarantee.

TECHNICAL PARAMETER

DA	MA max	D1	D2	D3	H	H1	H2	H3	L0	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	M1	
																				01	02
40	730	70	95	13.5	55	188	110	25	275+1.54 a 1)	170	190	140	160	79	20	154	105	6	30	G1/2	M22X1.5
50	1297	80	105	13.5	66	215	131	25	288+1.75 a 1)	176	215	146	185	90	22	163	125	6	30	G1/2	M22X1.5
63	2266	90	115	17.5	72	236	142	35	310+1.92 a 1)	204	240	164	200	100	25	190	140	6	40	G3/4	M27X2
80	3987	95	125	17.5	86	267	168	35	370+2.09 a 1)	215	265	175	225	105	25	212	150	8	50	G3/4	M27X2
100	7476	115	145	22	100	306	195	35	400+2.51 a 1)	239	310	194	265	129	32	244	165	8	60	G1	M33X2
125	13141	125	155	26	116	354	228	40	464+2.83 a 1)	280	335	230	285	139	32	284	170	8	70	G1 1/4	M42X2
140	18317	145	180	26	125	377	246	40	484+3.14 a 1)	290	355	240	305	161	36	290	200	10	70	G1 1/4	M42X2
160	26583	165	200	33	140	415	274	45	511+3.49 a 1)	325	400	255	330	183	40	314	220	10	80	G1 1/2	M48X2
180	36334	175	220	33	152	475	303	45	584+3.77 a 1)	400	450	330	380	195	45	380	240	12	80	G1 1/2	M48X2
200	52335	195	240	33	170	520	333	45	611+4.40 a 1)	435	510	365	440	215	45	438	260	12	80	G1 1/2	M48X2
220 ³⁾	92372	200	245	38	200	660	400	80	1338+5.62 a 1)	800	540	700	460	2)	45	560	340	12	100	G1 1/2	M48X2
250 ³⁾	152416	220	275	38	255	775	475	80	1540+7.34 a 1)	1050	580	900	480	2)	45	600	380	12	150	G1 1/2	M48X2
280 ³⁾	182900	250	315	38	300	900	550	90	1700+8.34 a 1)	1200	680	1000	580	2)	50	700	420	12	200	G1 1/2	M48X2
320 ³⁾	325720	320	395	38	320	980	600	95	1920+9.12 a 1)	1300	720	1100	620	2)	56	750	480	12	200	G1 1/2	M48X2