Edbro

UB Series



High-performance underbody telescopic cylinders for tipper and crane applications

Benefits

- Minimal downtime with a durable product which performs in even the toughest environments
- The renowned Edbro ‘fit and forget’ reliability promise for long-term peace of mind
- Increased payload and maximum performance with light-weight and high strength materials
- Edbro kit components and optimum specification, provide the highest levels of performance

Features

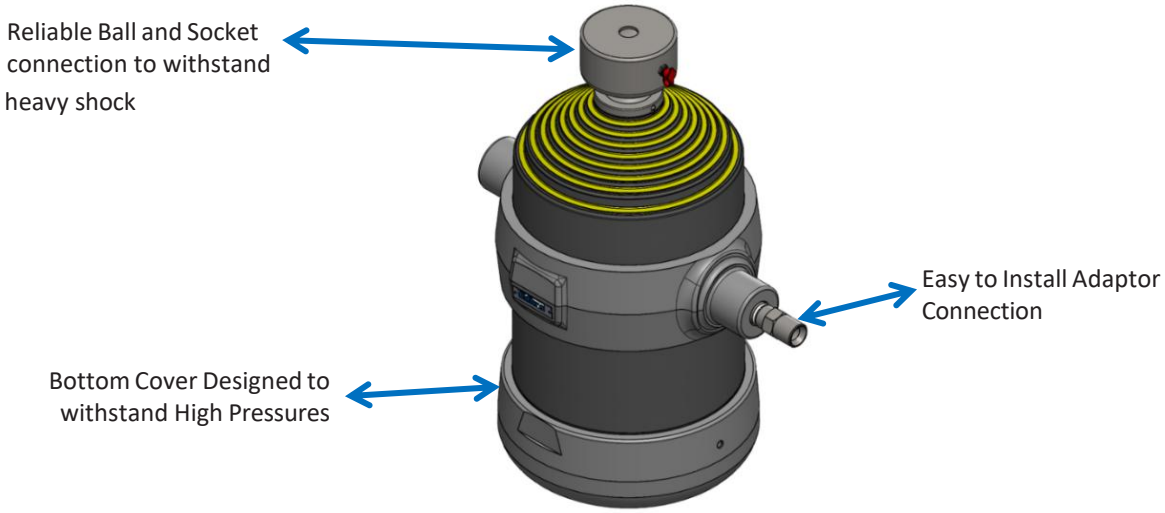
- Superior Edbro HP series sealing performance
- High specification ST52 cold-drawn tube
- 250 Bar Max working pressure
- Fully Chrome plated for corrosion prevention
- Strong and proven ball and socket design
- Long life seals decrease maintenance requirements

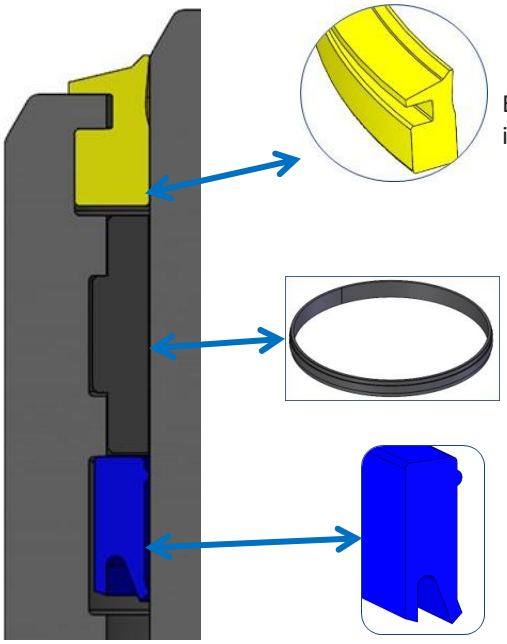
All dimensions are given in mm unless otherwise stated. Technical Specifications are subject to change without notice.

UB Series

The Edbro underbody cylinders in the UB Series offer a range of solutions for applications from tipper to crane.

Engineered to Perform. Built to Last.





Edbro HP Umbrella Wiper Seals for high sealing performance in demanding operating conditions and temperatures.

High Load bearing POM guiding elements.

High Wear resistance with a unique Seal Lip design ensuring high protection against ingress of dirt particle

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Code Explanation

CODE SYSTEM UB 0M CYLINDERS

UB 17 - 0M - 5 - 3270 - E - 00 - A - 0265 - C - X

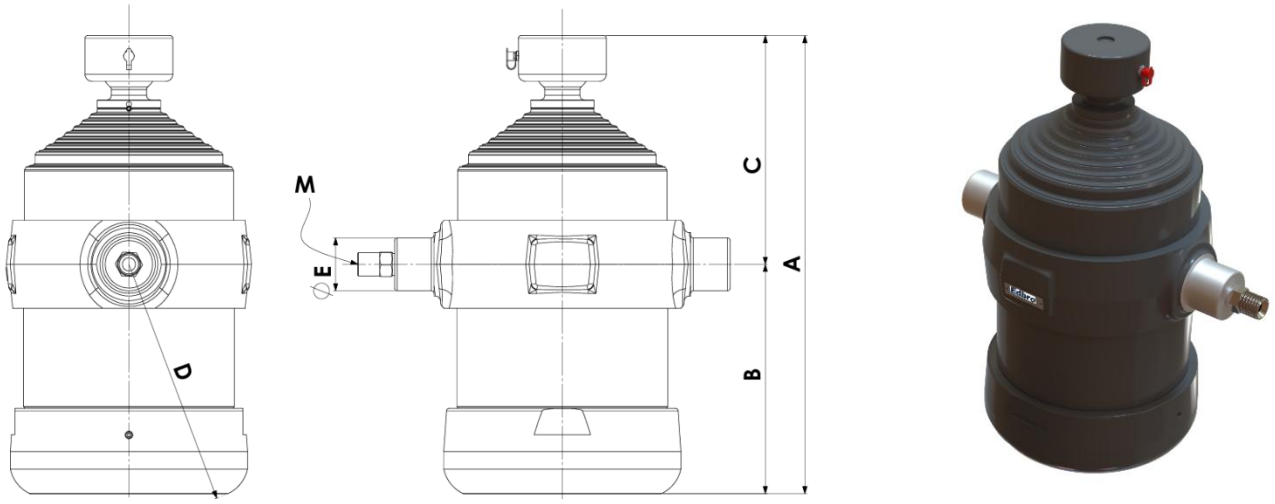
UB	17	0M	5	3270	E	0 0	A	0 265	C	X				
UB											Cylinder type			
	17										Diameter first stage			
		0M									Top & Bottom side mounting type			
			S								Number of stages			
				3270							Total stroke (Inc. pull-out)			
					E						Port place			
						0 0					Port height			
							A				Small inner stop position			
								0 265			Mounting lenght			
									C		Chromed option	C	Full Chromed	
										X	Customer specific	A	Chromed small inner	
												L	1st Stage + small inner	

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UNDERBODY CYLINDERS

UB 0M Cylinders

Three-way underbody tipping 0M cylinders are delivered including the top flange and a BSPOT adapter. The cradle and brackets need to be ordered separately.



C & A dimensions are incl. 10 mm pull-out

UB11 0M

Cylinder Code	Description	Pressure (Bar)	Tipping Weight (Ton)	Weight (Kg)	Total volume (L)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)	M
UB110M21327E00A0370C	UB11-0M-2-1327-0370-C*	250	14 - 24	60	12,7	919	649	270	551	40	1/2" BSPOTC

UB13 0M

Cylinder Code	Description	Pressure (Bar)	Tipping Weight (Ton)	Weight (Kg)	Total volume (L)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)	M
UB130M30705E00A0318C	UB13-0M-3-0705-0318-C	250	15 - 21	46	8,4	477	159	318	174	45	1/2" BSPOTC
UB130M31005E00A0212C	UB13-0M-3-1005-0212-C	250	15 - 20	54	11,6	577	259	212	371	45	1/2" BSPOTC
UB130M41044E00A0207C	UB13-0M-4-1044-0207-C	250	12 - 20	48	10,5	496	301	207	308	45	1/2" BSPOTC
UB130M41544E00A0207C	UB13-0M-4-1544-0207-C	250	11 - 20	60	15	620	413	207	419	45	1/2" BSPOTC
UB130M41344E00A0207C	UB13-0M-4-1344-0207-C	250	11 - 20	55	13,2	570	363	207	369	45	1/2" BSPOTC
UB130M41844E00A0207C	UB13-0M-4-1844-0207-C	250	11 - 20	66	17,7	695	488	207	493	45	1/2" BSPOTC
UB130M51495E00A0192C	UB13-0M-5-1495-0192-C	250	6 - 17	56	12,5	526	334	192	341	45	1/2" BSPOTC
UB130M51932E00A0192C	UB13-0M-5-1932-0192-C	250	6 - 17	66	15,5	613	421	192	427	45	1/2" BSPOTC
UB130M50995E00A0192C	UB13-0M-5-0995-0192-C	250	7 - 17	45	8,6	426	234	192	244	45	1/2" BSPOTC
UB130M51307E00A0192C	UB13-0M-5-1307-0192-C	250	6 - 17	52	11,1	488	296	192	304	45	1/2" BSPOTC
UB130M51995E00A0192C	UB13-0M-5-1995-0192-C	250	6 - 17	67	16,4	626	434	192	439	45	1/2" BSPOTC
UB130M52307E00A0192C	UB13-0M-5-2307-0192-C	250	7 - 18	74	18,9	688	496	192	501	45	1/2" BSPOTC
UB130M52457E00A0192C	UB13-0M-5-2457-0192-C	250	7 - 18	78	20,3	726	534	192	538	45	1/2" BSPOTC

**: UB cylinders have double bearings seal kits.*

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UNDERBODY CYLINDERS

UB15 0M

Cylinder Code	Description	Pressure (Bar)	Tipping Weight (Ton)	Weight (Kg)	Total Volume (L)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)	M
UB150M32258E00A0265C	UB15-0M-3-2258-0265-C*	250	25 - 31	112	33,5	1015	750	265	754	50	3/4" BSPOTC
UB150M41044E00A0265C	UB15-0M-4-1044-0265-C	250	19 - 29	63	14,3	510	245	265	259	50	3/4" BSPOTC
UB150M41494E00A0265C	UB15-0M-4-1494-0265-C	250	18 - 28	76	20,5	622	357	265	367	50	3/4" BSPOTC
UB150M41844E00A0265C	UB15-0M-4-1844-0265-C	250	17 - 28	86	24,3	710	445	265	453	50	3/4" BSPOTC
UB150M42214E00A0265C	UB15-0M-4-2214-0265-C*	250	20 - 32	98	28,9	822	557	265	564	50	3/4" BSPOTC
UB150M42564E00A0265C	UB15-0M-4-2564-0265-C*	250	19 - 31	108	33,4	910	645	265	650	50	3/4" BSPOTC
UB150M43014E00A0265C	UB15-0M-4-3014-0265-C*	250	19 - 31	121	39	1022	757	265	762	50	3/4" BSPOTC
UB150M50995E00A0258C	UB15-0M-5-0995-0258-C	250	13 - 23	55	11,9	441	183	258	201	50	3/4" BSPOTC
UB150M51307E00A0258C	UB15-0M-5-1307-0258-C	250	12 - 23	63	15,3	503	245	258	259	50	3/4" BSPOTC
UB150M51495E00A0258C	UB15-0M-5-1495-0258-C	250	12 - 23	68	17,3	541	283	258	294	50	3/4" BSPOTC
UB150M51932E00A0258C	UB15-0M-5-1932-0258-C	250	11 - 23	78	22,1	628	370	258	379	50	3/4" BSPOTC
UB150M52495E00A0258	UB15-0M-5-2495-0258-C	250	13 - 25	92	28,2	741	483	258	489	50	3/4" BSPOTC
UB150M61496E00A0245C	UB15-0M-6-1496-0245-C	250	6 - 17	66	20,6	491	246	245	259	50	3/4" BSPOTC
UB150M61796E00A0245C	UB15-0M-6-1796-0245-C	250	6 - 17	73	18,2	541	296	245	307	50	3/4" BSPOTC

UB17 0M

Cylinder Code	Description	Pressure (Bar)	Tipping Weight (Ton)	Weight (Kg)	Total Volume (L)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)	M
UB170M41044E00A0265C	UB17-0M-4-1044-0265-C	250	21 - 29	78	18,7	513	248	265	265	50	3/4" BSPOTC
UB170M42564E00A0265C	UB17-0M-4-2564-0265-C*	250	25 - 32	132	44,2	913	648	265	654	50	3/4" BSPOTC
UB170M51307E00A0265C	UB17-0M-5-1307-0265-C	250	20 - 29	79	20,4	523	258	265	274	50	3/4" BSPOTC
UB170M51495E00A0265C	UB17-0M-5-1495-0265-C	250	19 - 29	85	23,2	560	295	265	310	50	3/4" BSPOTC
UB170M51932E00A0265C	UB17-0M-5-1932-0265-C	250	18 - 28	98	29,7	648	383	265	394	50	3/4" BSPOTC
UB170M52307E00A0265C	UB17-0M-5-2307-0265-C	250	21 - 32	109	35,2	723	458	265	467	50	3/4" BSPOTC
UB170M52520E00A0265C	UB17-0M-5-2520-0265-C*	250	21 - 32	119	38,3	785	520	265	528	50	3/4" BSPOTC
UB170M52770E00A0265C	UB17-0M-5-2770-0265-C*	250	20 - 31	126	42	835	570	265	578	50	3/4" BSPOTC
UB170M53207E00A0265C	UB17-0M-5-3207-0265-C*	250	20 - 31	139	48,4	918	653	265	659	50	3/4" BSPOTC
UB170M61571E00A0258C	UB17-0M-6-1571-0258-C	250	12 - 23	79	21,7	516	258	258	275	50	3/4" BSPOTC
UB170M61796E00A0258C	UB17-0M-6-1796-0258-C	250	12 - 23	85	24,6	554	296	258	310	50	3/4" BSPOTC
UB170M62096E00A0258C	UB17-0M-6-2096-0258-C	250	14 - 26	93	28,5	604	346	258	358	50	3/4" BSPOTC
UB170M62321E00A0258C	UB17-0M-6-2321-0258-C	250	13 - 25	99	31,5	641	383	258	394	50	3/4" BSPOTC
UB170M62771E00A0258C	UB17-0M-6-2771-0258-C	250	13 - 25	111	37,3	716	458	258	468	50	3/4" BSPOTC
UB170M63026E00A0258C	UB17-0M-6-3026-0258-C*	250	13 - 25	121	40,6	779	521	258	529	50	3/4" BSPOTC
UB170M63326E00A0258C	UB17-0M-6-3326-0258-C*	250	13 - 25	129	44,5	829	571	258	578	50	3/4" BSPOTC
UB170M71834E00A0245C	UB17-0M-7-1834-0245-C	250	7 - 17	84	22,6	516	271	245	287	50	3/4" BSPOTC
UB170M72097E00A0245C	UB17-0M-7-2097-0245-C	250	8-19	91	25,6	554	309	245	322	50	3/4" BSPOTC
UB170M72447E00A0245C	UB17-0M-7-2447-0245-C	250	7-19	99	29,7	604	359	254	371	50	3/4" BSPOTC

: UB cylinders have double bearings seal kits.

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UNDERBODY CYLINDERS

Edbro

UB19 0M

Cylinder Code	Description	Pressure (Bar)	Tipping Weight (Ton)	Weight (Kg)	Total Volume (L)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)	M
UB190M41044E00A0270C	UB19-0M-4-1044-0270-C	250	27 - 37	96	24,1	519	249	270	268	60	3/4" BSPOTC
UB190M52495E00A0270C	UB19-0M-5-2495-0270-C	250	30 - 40	141	49,5	763	493	270	503	60	3/4" BSPOTC
UB190M53145E00A0270C	UB19-0M-5-3145-0270-C*	250	29 - 40	168	62,1	913	643	270	651	60	3/4" BSPOTC
UB190M61796E00A0270C	UB19-0M-6-1796-0270-C	250	19 - 34	107	32,4	570	300	270	317	60	3/4" BSPOTC
UB190M62321E00A0270C	UB19-0M-6-2321-0270-C	250	22 - 38	124	41,5	658	388	270	400	60	3/4" BSPOTC
UB190M62396E00A0270C	UB19-0M-6-2396-0270-C	250	21 - 38	127	42,8	670	400	270	413	60	3/4" BSPOTC
UB190M62771E00A0270C	UB19-0M-6-2771-0270-C	250	21 - 38	139	49,3	733	463	270	473	60	3/4" BSPOTC
UB190M63026E00A0270C	UB19-0M-6-3026-0270-C*	250	20 - 38	151	53,7	795	525	270	534	60	3/4" BSPOTC
UB190M63326E00A0270C	UB19-0M-6-3326-0270-C*	250	20 - 37	160	58,9	845	575	270	584	60	3/4" BSPOTC
UB190M71659E00A0263C	UB19-0M-7-1659-0263-C	250	12 - 23	95	27,2	501	238	263	258	60	3/4" BSPOTC
UB190M72097E00A0278C	UB19-0M-7-2097-0278-C	250	14 - 32	108	34	564	286	278	303	60	3/4" BSPOTC
UB190M72447E00A0278C	UB19-0M-7-2447-0278-C	250	14 - 32	118	39,5	614	336	278	350	60	3/4" BSPOTC
UB190M82098E00A0278C	UB19-0M-8-2098-0278-C	250	8 - 24	105	30,9	526	248	278	268	60	3/4" BSPOTC
UB190M82398E00A0278C	UB19-0M-8-2398-0278-C	250	7 - 22	113	35	564	286	278	306	60	3/4" BSPOTC
UB190M83998E00A0278C	UB19-0M-8-3998-0278-C	250	7 - 19	157	57,6	764	486	278	498	60	3/4" BSPOTC

UB21 0M

Cylinder Code	Description	Pressure (Bar)	Tipping Weight (Ton)	Weight (Kg)	Total Volume (L)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)	M
UB210M72359E00A0365C	UB21-0M-7-2359-0365-C	250	25 - 29	141	49,5	615	250	365	274	60	3/4" BSPOTC
UB210M82298E00A0320C	UB21-0M-8-2298-0320-C	250	22 - 25	129	44	558	238	320	264	60	3/4" BSPOTC
UB210M82498E00A0350C	UB21-0M-8-2498-0350-C	250	22 - 26	135	47,7	583	233	350	259	60	3/4" BSPOTC
UB210M92361E00A0250C	UB21-0M-9-2361-0250-C	250	25 - 29	127	41,2	533	283	250	305	60	3/4" BSPOTC
UB210M92586E00A0260C	UB21-0M-9-2586-0260-C	250	24 - 29	134	45	558	298	260	296	60	3/4" BSPOTC

UB24 0M

Cylinder Code	Description	Pressure (Bar)	Tipping Weight (Ton)	Weight (Kg)	Total Volume (L)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)	M
UB240M82598E00A0250C	UB24-0M-8-2598-0250-C	250	25 - 29	162	63,3	616	366	250	387	60	3/4" BSPOTC
UB240M92024E00A0250C	UB24-0M-9-2024-0250-C	250	25 - 29	131	45,4	510	260	250	288	60	3/4" BSPOTC
UB240M92474E00A0250C	UB24-0M-9-2474-0250-C	250	25 - 29	147	55,3	560	310	250	334	60	3/4" BSPOTC
UB240M92924E00A0250C	UB24-0M-9-2924-0250-C	250	25 - 29	162	65	610	360	250	381	60	3/4" BSPOTC
UB240M102250E00A0250C	UB24-0M-10-2250-0250-C	250	21 - 26	135	46,1	510	260	250	288	60	3/4 BSPOTC
UB240M102750E00A0250C	UB24-0M-10-2750-0250-C	250	25 - 29	152	56	560	310	250	334	60	3/4 BSPOTC

**: UB cylinders have double bearings seal kits.*

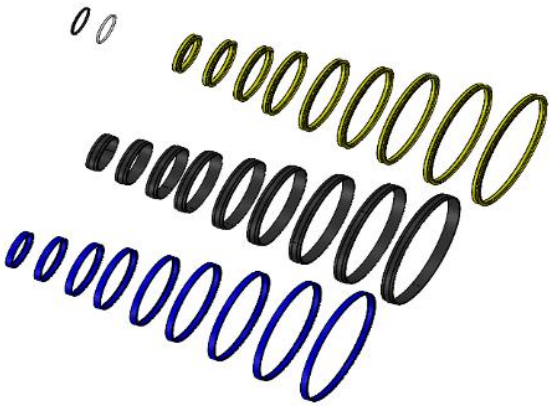
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SEAL KITS & OIL-INLET ADAPTERS

SEAL KITS UB

Part Code	Description
SKPB2410-04	Seal kit complete UB24-10
SKPB249-04	Seal kit complete UB24-9
SKPB248-04	Seal kit complete UB24-8
SKPB219-04	Seal kit complete UB21-9
SKPB218-04	Seal kit complete UB21-8
SKPB217-04	Seal kit complete UB21-7
SKPB198-04	Seal kit complete UB19-8
SKPB197-04	Seal kit complete UB19-7
SKPB196-04	Seal kit complete UB19-6
SKPB195-04	Seal kit complete UB19-5
SKPB194-04	Seal kit complete UB19-4
SKPB177-04	Seal kit complete UB17-7
SKPB176-04	Seal kit complete UB17-6
SKPB175-04	Seal kit complete UB17-5
SKPB174-04	Seal kit complete UB17-4
SKPB156-04	Seal kit complete UB15-6
SKPB155-04	Seal kit complete UB15-5
SKPB154-04	Seal kit complete UB15-4
SKPB153-04	Seal kit complete UB15-3
SKPB135-04	Seal kit complete UB13-5
SKPB134-04	Seal kit complete UB13-4
SKPB133-04	Seal kit complete UB13-3
SKPB112-04	Seal kit complete UB11-2

Part Code	Description
SKPB196-02	*Seal kit complete UB19-6
SKPB194-02	*Seal kit complete UB19-4
SKPB176-02	*Seal kit complete UB17-6
SKPB175-02	*Seal kit complete UB17-5
SKPB174-02	*Seal kit complete UB17-4
SKPB154-02	*Seal kit complete UB15-4
SKPB153-02	*Seal kit complete UB15-3
SKPB112-02	*Seal kit complete UB11-2



**: Double bearings UB cylinder seal kits. For the correct seal kit, please refer to the cylinder specification sheet.*

ADAPTERS OIL-INLET UB

Part Code	Description
AMOI0034OTC-01	ADAPTER KIT OIL INLET UB-00-3/4”BSPOTCxM22x1.5
AMOI0012OTC-01	ADAPTER KIT OIL INLET UB-1/2”BSPOTCxM18x1.5

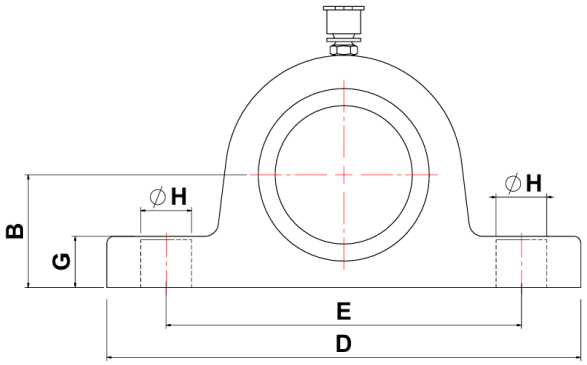


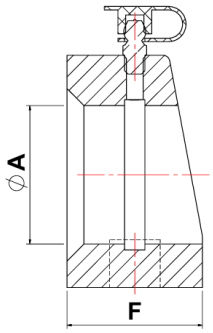
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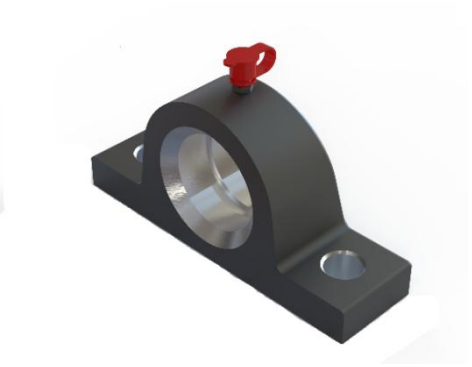
Brackets

BRACKETS BOLTABLE UB CYLINDERS (2 Required)

Part Code	Description	ØA (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	ØH (mm)	Weight (kg)
BGUBCP4033	BRACKET KIT UB CASTING P40x33x105	40	33	140	105	40	15	15	1
BGUBCP4533	BRACKET KIT UB CASTING P45x33x105	45	33	140	105	45	15	15	1.1
BGUBCP5037	BRACKET KIT UB CASTING P50x37x120	50	37	155	120	50	17	15	1.5
BGUBCP6042	BRACKET KIT UB CASTING P60x42x130	60	42	165	130	50	17	15	1.65

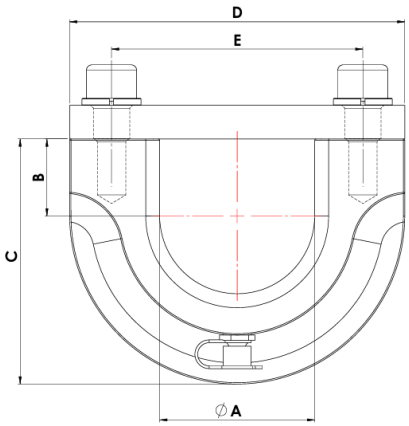


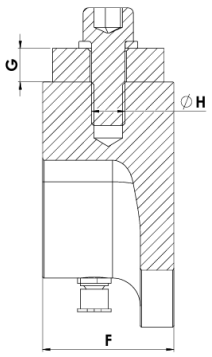




BRACKETS WELDABLE UB CYLINDERS (2 Required)

Part Code	Description	ØA (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	ØH (mm)	Weight (kg)	Used For
BGUBWP50-01	BRACKET UB WELDING P50x120x80x47xM12	50,5	25	85	120	80	47	12	M12x1,75	2	Cylinders
BGUBWP55-01	BRACKET UB WELDING P55x120x90x47xM12	55,5	27,5	87,5	120	90	47	12	M12x1,75	2.1	Cylinders
BGUBWP60-01	BRACKET UB WELDING P60x120x90x47xM12	60,5	30	90	120	90	47	12	M12x1,75	2.2	Cylinders
BGUBWP50-02	BRACKET UB WELDING P50x120x80x39xM12	50,5	25	85	120	80	39	12	M12x1,75	1.9	Cradles
BGUBWP60-02	BRACKET UB WELDING P50x120x90x39xM12	60,5	30	90	120	90	39	12	M12x1,75	2	Cradles





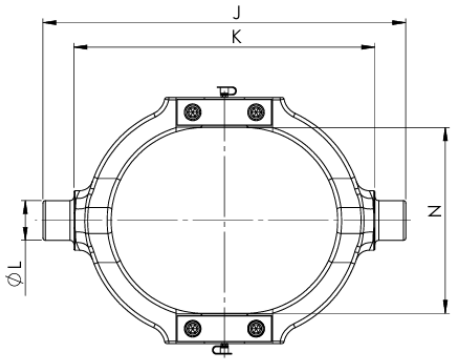


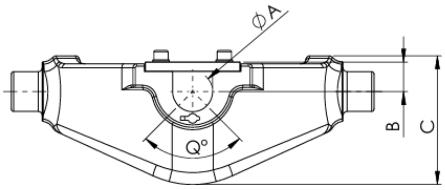
All dimensions are given in mm unless otherwise stated. Technical Specifications are subject to change without notice.

Cradles

CRADLES UB 0M CYLINDERS

Part Code	Description	K (mm)	N (mm)	C (mm)	A (mm)	B (mm)	J (mm)	L (mm)	Q (°)	Weight (kg)
CGUB11-01	CRADLE KIT UB 11 P40xL40	230	152	112	40	32	308	40	60	8.5
CGUB13-01	CRADLE KIT UB 13 P45xL50	280	180	135	45	35	358	50	60	13.8
CGUB15-01	CRADLE KIT UB 15 P50xL50	330	210	152	50	35	408	50	60	20.5
CGUB17-01	CRADLE KIT UB 17 P50xL50	380	235	162	50	35	458	50	60	26.7
CGUB19-01	CRADLE KIT UB 19 P60xL60	400	250	190	60	45	478	60	60	39.5







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