

Typical applications for **CHALLENGER** Cylinders & Power Units

- Machine tools
- Refuse handling
- Materials handling
- Offshore equipment
- Steel processing
- Water treatment industry
- Mining industry
- Construction industry
- Vehicle manufacturing
- Chemical industry



Also available are a large
and comprehensive stock
of hose and couplings

CHALLENGER

HYDRAULIC CYLINDERS & POWER UNITS

Challenger House, Shaw Cross Business Park, Owl Lane Dewsbury. WF12 7RF

Tel: 01924 464433 Fax: 01924 456292

Email: sales@challenger-group.co.uk

Web site: <http://www.challenger-group.co.uk>



Part financed by the European Community
European Regional Fund and managed
by Yorkshire Enterprise

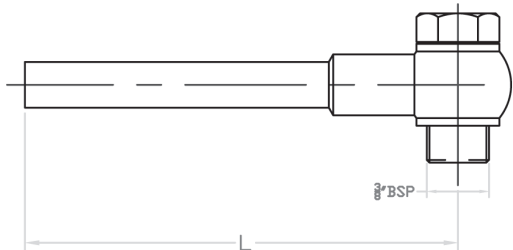
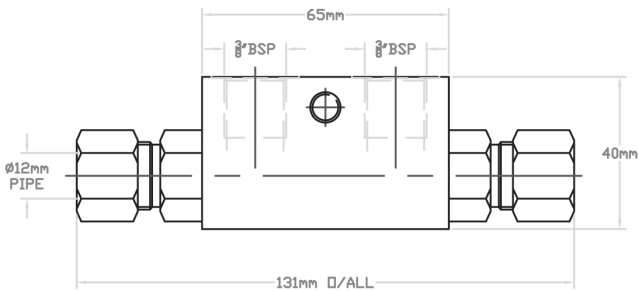
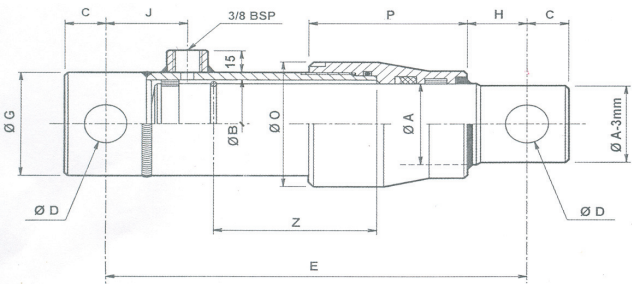
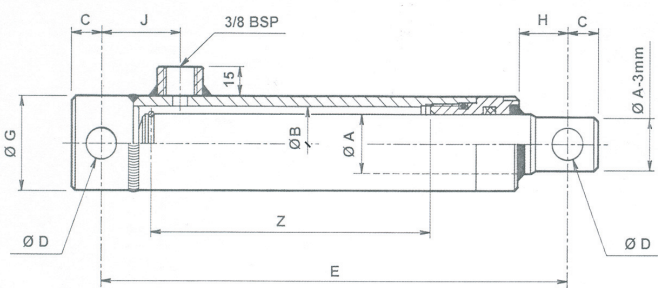


CHALLENGER

HYDRAULIC CYLINDERS & POWER UNITS

DISPLACEMENT CYLINDERS

ART.	Ø B	Ø A	STROKE	E	C	D	G	H	J	O	P	WEIGHT (Kg)
Y302510TCCH	30	25	100	190	14	14,2	40	24	40	-	-	1,5
Y302520TCCH			200	290						-	-	2,3
Y302530TCCH			300	390						-	-	3
Y403020TCCH	40	30	200	300	18	16,2	50	26	42	-	-	3,6
Y403030TCCH			300	400						-	-	4,8
Y403040TCCH			400	500						-	-	5,9
Y403055TCCH	50	40	550	650	22	23	60	32	47	-	-	7,5
Y403070TCCH			700	800						-	-	9,2
Y504020TCCH			200	330						-	-	5,9
Y504030TCCH	50	40	300	430	22	23	60	32	47	-	-	7,7
Y504040TCCH			400	530						-	-	9,3
Y504055TCCH			550	680						-	-	11,8
Y504070TCCH	50	40	700	830						-	-	14,2



DUAL PILOT OPERATED CHECK VALVE

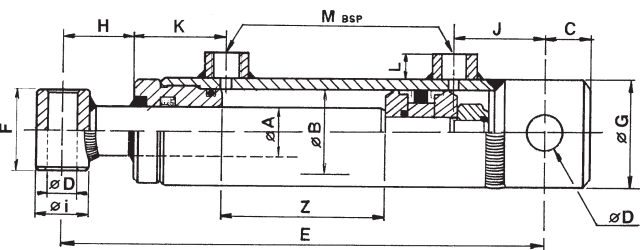
PART No	MAX' PRESSURE	MAX' FLOW	PILOT RATIO
CYVBP017DE12L	350 BAR	30 l/min	1/5.7

PIPE KITS (c/w x2 DOWTY SEALS)

PART No	Description	DIM 'L'
CYRT12L03817	12 L x 38mm c/w BANJO BOLT	38mm
CYRT12L20017	12 L x 200mm c/w BANJO BOLT	200mm
CYRT12L30017	12 L x 300mm c/w BANJO BOLT	300mm
CYRT12L40017	12 L x 400mm c/w BANJO BOLT	400mm

STANDARD DOUBLE ACTING CYLINDERS

ART.	Ø B	Ø A	STROKE	E	C	D	F	G	H	I	J	K	L	M	WEIGHT (Kg)
YCDE322005CH	32	20	50	205	17	16	35	40	32	30	33	44	16	1/4"	1,9
YCDE322010CH			100	255		16	35	40		30	33				2,2
YCDE322015CH			150	305		16	35	40		30	33				2,6
YCDE322020CH	40	25	200	355	19	16	35	40	35	30	33	44	17	3/8"	2,9
YCDE322030CH			300	455		16	35	40		30	33				3,6
YCDE402510CH			100	270		20,5	40	50		35	45				3,7
YCDE402520CH	50	30	200	370	25	20,5	40	50	47	40	58	54	17	3/8"	4,5
YCDE402530CH			300	470		20,5	40	50		40	58				5,5
YCDE402540CH			400	570		20,5	40	50		40	58				6,5
YCDE402550CH	50	30	500	670	25	20,5	40	50	47	40	58	54	17	3/8"	7,5
YCDE503010CH			100	300	25	25,5	45	60		40	58	54	17	3/8"	4
YCDE503020CH			200	400		25,5	45	60		40	58				5
YCDE503030CH	50	30	300	500		25,5	45	60	47	40	58		17	3/8"	6
YCDE503040CH			400	600		25,5	45	60		40	58				8
YCDE503050CH			500	700		25,5	45	60		40	58				10
YCDE503060CH	60	30	600	800	25	25,5	45	60	47	40	58	54	17	3/8"	12
YCDE503070CH			700	900		25,5	45	60		40	58				14
YCDE603010CH			100	300	25	25,5	45	60	47	40	58	54	17	3/8"	16,6
YCDE603020CH	60	30	200	400		25,5	45	60		40	58				9
YCDE603030CH			300	500		25,5	45	60		40	58				11
YCDE603040CH			400	600	25	25,5	45	60	47	40	58	54	17	3/8"	13
YCDE603050CH	60	30	500	700		25,5	45	60		40	58				15
YCDE603060CH			600	800		25,5	45	60		40	58				17
YCDE603070CH			700	900	25	25,5	45	60	47	40	58	54	17	3/8"	21
YCDE704020CH	70	40	200	410		30,5	55	80		50	58	64	17	3/8"	11
YCDE704030CH			300	510		30,5	55	80		50	58				13
YCDE704040CH			400	610	25	30,5	55	80	47	50	58				15
YCDE704050CH	70	40	500	710		30,5	55	80		50	58	64	17	3/8"	17
YCDE704060CH			600	810		30,5	55	80		50	58				19
YCDE704070CH			700	910	25	30,5	55	80	47	50	58				21
YCDE7040100CH	80	40	1000	1210		30,5	55	80		50	58	64	17	3/8"	25
YCDE804020CH			200	410		30,5	55	90	55	50	58				13
YCDE804030CH			300	510	25	30,5	55	90		50	58	64	17	3/8"	15
YCDE804040CH	80	40	400	610		30,5	55	90		50	58				18
YCDE804050CH			500	710		30,5	55	90		50	58				21
YCDE804060CH			600	810	25	30,5	55	90	55	50	58	64	17	3/8"	24
YCDE804070CH	100	50	700	910		30,5	55	90		50	58				27
YCDEA15030CH			300	525		30,5	70	115	66	65	55	64	17	3/8"	27
YCDEA15040CH			400	625	34	30,5	70	115		65	55				30
YCDEA15050CH	100	50	500	725		30,5	70	115		65	55	64	17	3/8"	35
YCDEA15070CH			700	925		30,5	70	115	66	65	55				40
YCDEA15090CH			900	1125		30,5	70	115		65	55				42



SPECIALIST MANUFACTURERS • HYDRAULIC CYLINDERS • POWER UNITS
COMPLETE SYSTEM DESIGN & INSTALLATION