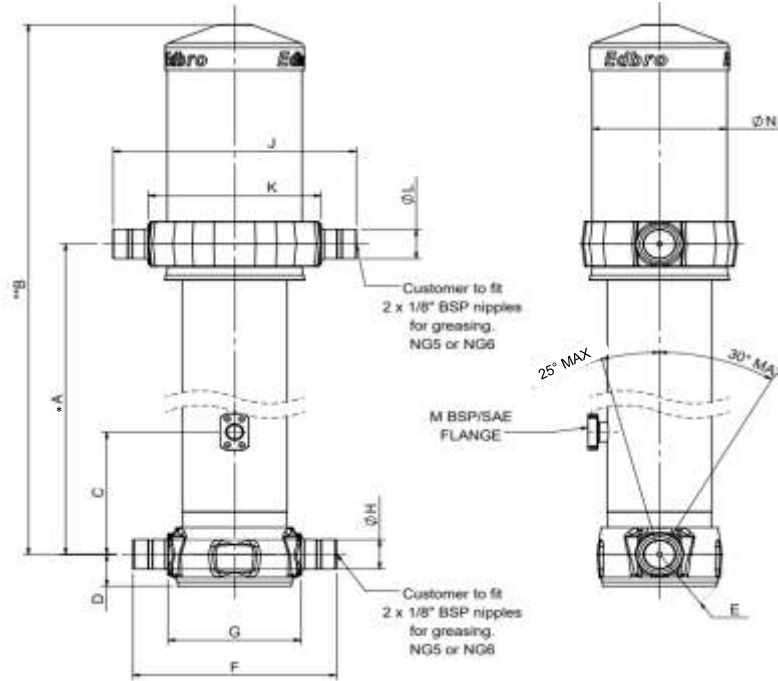


Datasheet for Cylinder HP170055480S25A14C

5 stage cylinder with trunnion mount & outer cover



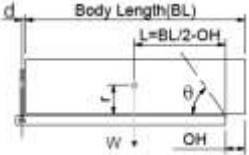
All stages hard chromed

*Incl 10mm pull out

** Allow 50mm to remove cap for servicing

***For mtg ctrs, <800 $\alpha = 15^\circ$ max, $\geq 800 \alpha = 25^\circ$ max

Approx. weight 261kg

SPECIFICATION		TIPPING CAPACITY 45-79 TONNES			TIPPING CAPACITY AT WORKING PRESSURE																																																																						
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)																																																																							
Base	191	1310	----	-																																																																							
1st Stage	169	1300	1088	24.4																																																																							
2nd Stage	149	1300	1098	19.1																																																																							
3rd Stage	129	1300	1098	14.4																																																																							
4th Stage	110	1300	1098	10.4																																																																							
5th Stage	91	1300	1098	7.1																																																																							
Total		5480																																																																									
<table><tr><th>BL</th><td colspan="3">7600</td><td colspan="3">7250</td><td colspan="3">6900</td></tr><tr><th>OH</th><td>200</td><td>500</td><td>800</td><td>200</td><td>500</td><td>800</td><td>200</td><td>500</td><td>800</td></tr><tr><th>θ</th><td>43°</td><td>44°</td><td>46°</td><td>45°</td><td>47°</td><td>49°</td><td>47°</td><td>50°</td><td>52°</td></tr><tr><th rowspan="3">r</th><td>600</td><td>45</td><td>48</td><td>53</td><td>46</td><td>50</td><td>56</td><td>48</td><td>53</td><td>60</td></tr><tr><td>900</td><td>48</td><td>52</td><td>58</td><td>50</td><td>55</td><td>62</td><td>52</td><td>59</td><td>68</td></tr><tr><td>1200</td><td>51</td><td>57</td><td>64</td><td>54</td><td>61</td><td>70</td><td>57</td><td>66</td><td>79</td></tr></table> Higher working pressures and tipping capacities may be possible. To check your application email - applications@edbro.co.uk															BL	7600			7250			6900			OH	200	500	800	200	500	800	200	500	800	θ	43°	44°	46°	45°	47°	49°	47°	50°	52°	r	600	45	48	53	46	50	56	48	53	60	900	48	52	58	50	55	62	52	59	68	1200	51	57	64	54	61	70	57	66	79
BL	7600			7250			6900																																																																				
OH	200	500	800	200	500	800	200	500	800																																																																		
θ	43°	44°	46°	45°	47°	49°	47°	50°	52°																																																																		
r	600	45	48	53	46	50	56	48	53	60																																																																	
	900	48	52	58	50	55	62	52	59	68																																																																	
	1200	51	57	64	54	61	70	57	66	79																																																																	

APPLICATION INFORMATION				
Working Pressure	250	bar	Swept Oil Volume	75.5 litres
Maximum Pressure	250	bar	Priming Volume	5.9 litres
Maximum 1st Stage Thrust	350	kN	Total Volume	81.4 litres

DIMENSIONS				
A	900	mm	D	65 mm
B	1436	mm	E	123 mm
C	250	mm	F	375 mm
G	245	mm	K	318 mm
H	60.00	mm	L	60.00 mm
I	59.90	mm	M	1" SAE / G1"
J	448	mm	N	248 mm

Notes	
1.	This cylinder is intended for lifting purposes only and side load conditions should be avoided.
2.	Cylinder is painted in primer to RAL9005
3.	Refer to www.edbro.com for:-
	- Bracket details - Installation instructions that must be observed - Correct oil selection - An explanation of tipping capacity

Edbro

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